

THE POLICY ROOTS OF ECONOMIC CRISIS AND POVERTY

**A Multi-Country Participatory Assessment
of Structural Adjustment**

*Based on Results of the Joint World Bank/Civil Society/Government
Structural Adjustment Participatory Review Initiative (SAPRI)
and the Citizens' Assessment of Structural Adjustment (CASA)*

**Prepared by
the Structural Adjustment Participatory Review International Network
(SAPRIN)**

-- First Edition, April 2002 --

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the European Union; the United Nations Development Programme;
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Chapter 2, **Trade Liberalization Policies and Their Impact on the Manufacturing Sector** - *principal author*: Debapriya Bhattacharya (*Bangladesh*). The chapter draws on papers in each country whose primary authors are the following. *Bangladesh*: Mohammed Ali Rashid. *Ecuador*: Simón Ordóñez Cordero (Center for Latin American Studies, CELA, of the Catholic University of Ecuador, PUCE). *Ghana*: Dr. Romanus Dinye (Housing & Planning Research Department, Faculty of Environment and Development Studies - Kwame Nkrumah University of Science and Technology Kumasi); Clement Nyaaba (Ministry of Trade and Industry, Accra). *Hungary*: NGO team - László Fodor, Károly Boór, Csaba Gombár, Éva Voszka; World Bank team - Gábor Obláth. *Mexico*: Manuel Pérez Rocha Loyo. *Philippines*: Marie Lopez. *Zimbabwe*: Moses Tekere (Trade and Development Studies Center, University of Zimbabwe).

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List of Acronyms

ADB	Asia Development Bank
BMI	Multisectoral Investment Bank
CASA	Citizens' Assessment of Structural Adjustment
COMESA	Common Market for Eastern and Southern Africa
DEC	World Bank Development Economics Vice Presidency
EIA	Environmental Impact Assessment
EPZ	export processing zone
ERP	Economic Recovery Programme
ESAP	Economic Structural Adjustment Programme
FOSAFI	Fund for Financial Restructuring and Strengthening
FTAAs	Financial and Technical Assistance Agreements
GATT	General Agreement on Trade and Tariffs
GDP	gross domestic product
GNP	gross national product
HIPC	Heavily Indebted Poor Country
IDB	Inter-American Development Bank
IFC	International Finance Corporation
IFIs	International Financial Institutions
ILO	International Labour Organization
IMF	International Monetary Fund
MERP	Millennium Economic Recovery Programme
NAFTA	North American Free Trade Agreement
NGO	Non-Governmental Organization
PERD	Public Enterprise Reform and Divestiture
PRSP	Poverty Reduction Strategy Paper
RMG	ready-made garments
SADC	Southern African Development Community
SAL	structural adjustment loan
SAP	structural adjustment program
SAPRI	Structural Adjustment Participatory Review Initiative
SAPRIN	Structural Adjustment Participatory Review International Network
SDA	Social Dimensions of Adjustment
SMEs	small and medium-scale enterprises
TOR	terms of reference
UNCTAD	United Nations Conference on Trade and Development
UNDP	United Nations Development Programme
UNICEF	United Nations Children's Fund
WTO	World Trade Organization
ZCTU	Zimbabwe Congress of Trade Unions
ZIMPREST	Zimbabwe Programme for Economic and Social Transformation

Chapter 1

The SAPRI/CASA Experience

In the mid-1990s, before the Seattle, Prague, Washington and other demonstrations in the North against the World Trade Organization (WTO), the World Bank and the International Monetary Fund (IMF), the world had already witnessed almost two decades of strikes, mobilizations and other forms of popular protest across the countries of the South in reaction to the economic policies of these institutions. The people most affected by those policies were seen by the international financial institutions (IFIs) as having neither the wisdom nor the right, and certainly not the leverage, to contribute to the economic-policy debates in their own countries. Their continued exclusion from the economic-decisionmaking process both at the national and global levels guaranteed that economic-policy programs would not be changed to reflect their growing needs and priorities.

It was within this context that a number of non-governmental organizations (NGOs) engaged in the “50 Years Is Enough” campaign challenged the new Bank president, Jim Wolfensohn, to involve his staff in an exercise with civil-society organizations in the South in order to bring critically important knowledge, perspectives and analysis into the formulation of Bank economic advice and policymaking. Wolfensohn accepted the challenge and requested that a mechanism be proposed by these and other organizations for carrying out such an initiative.

In a letter dated 9 April 1996 to the global civil-society network organized for this purpose, he noted that, “Policy reform has had a mixed track record... Adjustment has been a much slower, more difficult and more painful process than the Bank recognized at the outset.” He went on to address the proposed initiative: “What I am looking for -- and inviting your help in -- is a different way of doing business in the future. My objective is to ensure that economic reform programs make maximum contribution to poverty reduction, that we fully appreciate the impact of reform on disparate population groups, that we promote measures which narrow income differentials, and that we encourage governments to consult and debate with civil society on policy reforms.”

Thus was born the Structural Adjustment Participatory Review Initiative (SAPRI), a joint four-year, multi-country participatory investigation into the effects of specific structural adjustment policies on a broad range of economic and social sectors

and population groups. Financed by generous contributions from five European governments, the European Union, the United Nations Development Programme (UNDP) and various foundations and NGOs, SAPRI sought to add local knowledge to the economic-policy-making process and to legitimize a voice for organized civil society in such decision-making processes at both the national and global levels. The Initiative was a tripartite arrangement involving national governments, World Bank teams and national networks of hundreds of civil-society organizations that mobilized around the opportunity to influence the economic course of their respective countries. These networks form the national chapters of the three-tiered Structural Adjustment Participatory Review International Network (SAPRIN) that was built originally around this engagement with the Bank and that coordinated civil-society's participation in SAPRI.

The country exercises followed guidelines negotiated by the SAPRIN global civil-society Steering Committee and its World Bank counterpart. These national assessments of the impact of specific adjustment measures were structured in four stages. The first stage called for extensive and highly inclusive and participatory outreach to, and mobilization of, a broad cross-section of local populations affected by the country's adjustment program, particularly those who had been most marginalized by the economic-decision-making process to date. The second step in the process involved the convening of national public fora, organized by local civil-society steering committees in conjunction with Bank and government officials, to discuss key adjustment measures and issues prioritized by citizens' organizations. The fora were designed to bring local knowledge and analysis related to the impact of adjustment programs to the doorstep of World Bank country and Washington officials. They were followed in each country by participatory research into the selected issues in order to deepen this analysis. Designed and carried out jointly by World Bank and SAPRIN teams and research consultants, this research constituted the third and longest phase of the program. The joint results were then reviewed publicly by dozens of civil-society organizations and Bank and government representatives at a second national forum in each country at which modifications were suggested for the final national report.

This document synthesizes the various national reports and the rich and diverse learning that has been gleaned from the country exercises. It draws on the findings from the SAPRI investigations in Bangladesh, Ecuador, El Salvador, Ghana, Hungary, Uganda and Zimbabwe, as well as from independent civil-society initiatives undertaken with the same program methodology in Mexico and the Philippines. The paper is organized around the seven adjustment policies that were most commonly identified and explored in the nine countries, namely trade and financial-sector liberalization, privatization, labor-market reform, agricultural- and mining-sector reforms, and public-expenditure policy. A common denominator across all the analysis -- whether it be of the policy impact on the productive sector or on social services, on employment or women's access to resources -- is the relationship between adjustment programs and poverty and inequality. Given the almost total absence of an analysis of this relationship in current Bank-supported poverty assessments, these findings take on added significance.

This report was prepared by SAPRIN representatives from ten countries. While the World Bank insisted upon, and fully participated in, collaborative efforts throughout all phases of the SAPRI process, it chose to leave it to SAPRIN to synthesize the joint national reports into a final global report. SAPRIN presented a draft synthesis to Bank officials at a meeting in Washington in July 2001 in accordance with the latter's agreement and commitment to discuss, at the highest levels of the institution, concrete changes in macroeconomic policy and policymaking based on field findings and conclusions. SAPRIN received no such feedback from Bank management at that meeting and has yet to receive any subsequent response from the Bank, including President Wolfensohn and his office. In fact, the Bank officially withdrew from SAPRI as the report was delivered and has yet to explain to the thousands of organizations that participated in the SAPRI exercises or to the donors that financed them what follow-up actions it is taking.

There has been a great deal learned from this Initiative, not only with regard to the impact of structural adjustment programs, but also about the mobilization, organization and participation of civil society in matters related to international economic policymaking, as well as about the Bank itself and its much vaunted but highly problematic relationship with civil society. Below, two principal characteristics that made SAPRI unique -- the joint, if difficult, nature of the exercise with the Bank and the highly participatory and inclusive nature of the methods employed by civil society independently and with their Bank and government counterparts -- are emphasized in a description of the evolution, implementation and methodologies of the SAPRI experience.

I. Forging a Joint Initiative with the World Bank while Maintaining Civil Society Independence

While President Wolfensohn's acceptance of the NGO challenge to carry out a collaborative grassroots assessment of structural adjustment programs led to the development of a concrete NGO action proposal, that step was but the first in a rather lengthy process of establishing a truly joint initiative. The proposal, which was the product of a collaboration among some 30 NGOs and NGO coalitions around the world -- including Third World Network-Africa, DAWN, Equipo Pueblo (Mexico), Oxfam-America and The Development GAP as its coordinator in Washington -- was sent to Wolfensohn in December 1995. It placed program emphasis on public and highly inclusive national consultations in 10-12 countries, including emerging-market economies, across four continents in order to yield representative results. A smaller meeting with Wolfensohn in March 1996, required to cut through bureaucratic delay at the Bank, generated a personal commitment from him to engage his institution seriously in a collaborative endeavor and a mutual acknowledgment that both parties were taking a risk by engaging in the Initiative and hence had to trust each other for it to work. With Wolfensohn's blessing, the NGO proposal became the basis of negotiations that were consummated with an agreement in July 1996.

The Bank's Development Economics Vice Presidency (DEC), led by the institution's Chief Economist, took responsibility for the Initiative and insisted on adding a research component to the exercise. It was a proposal that promised to extend the length of the endeavor considerably but one acceptable to the civil-society negotiators as long as the field investigations were participatory in nature and studied the "political economy" of the selection and implementation of the adjustment measures being assessed. The core of the exercise was still to be consultative, however, in order to ensure that affected populations, their knowledge and experience would be at the center of the process and that a unique contribution would be made to the knowledge base and decisionmaking processes related to economic-policy programs. Toward that end, the field research would be bracketed by two public fora, one (as originally proposed by the NGOs) at which citizens' organizations would present their experience with, and analysis of, specific adjustment policies that had directly affected their lives, and the other to assess the research undertaken to deepen the understanding of the issues that these groups had raised.

These and other elements of the program were hammered out at a two-day joint Bank-SAPRIN steering committee meeting in July 1996. The SAPRIN negotiating team included representatives from the Africa Women's Economic Policy Network, Focus on the Global South, FUNDE (El Salvador), ALOP (Latin America), Rede Brasil, Public Services International, Oxfam International, the Halifax Initiative, Friends of the Earth and The Development GAP. The Bank team was drawn from the Policy Research Department of DEC and the Poverty and Social Policy Department, although the Bank's SAPRI committee also included officials from Vice Presidents' and Managing Directors' offices. Agreements were made to proceed jointly with the final selection of SAPRI countries, the establishment of a system of effective civil-society access to official adjustment-related documents needed for the national exercises, the development of a global methodological framework to guide country research designs, the completion of a SAPRI budget covering both SAPRIN and Bank projected expenses, SAPRI fundraising from European government sources, and the planning of the first of two Global SAPRI Fora to officially launch the Initiative. A Second Global Forum would subsequently complete the assessment phase of SAPRI by providing a venue for senior Bank management to review the findings drawn from the various participatory field exercises and discuss follow-up measures.

As far as country selection was concerned, it was agreed that Mexico and, ideally, the Philippines would represent the experience of emerging markets, an understanding previously reached with Wolfensohn. Two other Latin American and one other Asian nation would be included, as well as four countries in Africa and one in Central Europe. Taking a variety of criteria into account, including country size, level of development and the presence of an organized civil-society sector, the final list included Ecuador, El Salvador, Bangladesh, Ghana, Mali, Uganda, Zimbabwe and Hungary among the ten countries. The Bank asserted its role as liaison with member governments within the SAPRI tripartite arrangement, but then failed to obtain the participation of the governments of Mexico, the Philippines and Hungary. Working locally, SAPRIN

eventually secured the involvement of Hungary but did not receive the help it needed from the Bank to add larger emerging-market economies to ensure a representative cross-section of countries in SAPRI. For that reason, SAPRIN eventually supported country exercises in Mexico and the Philippines under the rubric of “Citizens’ Assessments of Structural Adjustment” (CASA) and also lent support to less ambitious exercises in Argentina and Brazil, as well as in Central America.

Parallel to the country-selection and -approval processes, Standard Operating Procedures were established and a joint global research methodology team began its work to create the framework for the country field-investigation processes. The rules of engagement, which were first drafted by SAPRIN and subsequently approved by the Bank, were designed first and foremost to level the playing field and to establish the Bank and civil society as equal partners. While assuring inclusiveness in the participation of civil society in each country, SAPRIN insisted that civil-society outreach, mobilization and organization be carried out under the auspices of local groups without interference on the part of the Bank or government. While there would be tripartite steering and technical committees in each country, there would also be local, independent SAPRIN teams and committees with their own decisionmaking processes. And, while the exercises would be joint in every way, SAPRIN and the Bank would control their own respective financing. In fact, in order to further strengthen the position of the national civil-society teams *vis-à-vis* their stronger Bank and government counterparts, the local SAPRIN committees were given the responsibility for managing the funds for the national fora while, as co-financiers and co-managers of the research teams, they shared with these counterparts a *de facto* veto over decisions related to the research process and design.

In determining the SAPRI budget, it was clear that, aside from the cost of the research consultants employed jointly by the Bank and SAPRIN, the bulk of the financing would be needed to cover civil-society activities, including outreach functions, local-level workshops, travel to fora, and local management. By budgeting, and subsequently maintaining, modest costs for travel and hotel, and by heavily subsidizing personnel costs at all levels of SAPRI operations, SAPRIN was able to reduce its draw on donor resources, with the result that the Bank was allocated approximately one third of the jointly raised funds. Most of the participating local SAPRIN network members, beyond the Lead Organizations and technical-team staff, were not reimbursed for their time, Northern global Steering Committee members contributed work and time *gratis*, and the SAPRIN Secretariat drew less than half of its funds from the SAPRIN budget, utilizing its own organizational resources for the other 55 percent. Secretariat tasks included network and steering-committee coordination, communications with and the provision of support to SAPRIN’s twelve national chapters and three Regional Centers, materials development, relations with the Bank, program and financial management, and fundraising.

After separately approaching the Norwegian government for funding, SAPRIN and the Bank submitted a joint SAPRI proposal and received a grant through a World

Bank trust fund in the spring of 1997. Similar proposals subsequently generated support from the governments of Sweden and the Netherlands, and SAPRIN, with the help of Belgian trade unions, secured a grant from the Belgian government in early 2000. As negotiated and agreed, SAPRIN's share of these funds was directly earmarked by donors for, and independently managed by, SAPRIN. To ensure this arrangement and subsequent independence of action, the SAPRIN Secretariat reworked World Bank standard trust-fund agreements to this end and negotiated the final details with the Bank's Legal Department. When the SAPRI timeline was extended, SAPRIN engaged in a new round of independent fundraising, securing additional resources from the European Union, the UNDP, quasi-governmental institutions in Germany and the United States, and other sources. In all, SAPRIN at the global level raised more than US\$4 million for its local, national, regional and global activities over a five-year period, and all levels of the Network contributed extensive counterpart resources. These funds and contributions and the refusal of SAPRIN to take World Bank or local-government funding provided SAPRIN with a critical source of independence that proved invaluable in its relationship with the Bank.

The first test of this independence came early in the development of the field exercises, when the government of El Salvador withdrew from its official involvement in SAPRI and the Bank followed suit, ignoring procedures established at both the national and global levels to resolve such disputes. Unwilling to abandon its civil-society colleagues in El Salvador after their multi-month investment in mobilization and organizing to ensure full citizen participation in SAPRI, the SAPRIN global Steering Committee subsequently allocated non-trust-fund resources to the completion of that country exercise. A similar situation evolved in Zimbabwe, although the Bank, and a number of government ministries, remained informally involved in that process. Non-trust-fund resources also allowed SAPRIN to support the CASA exercises in Mexico and the Philippines and hence include large, emerging-market countries in the overall investigation, as originally agreed with Wolfensohn.

The final two steps in the preparatory phase of SAPRI also proved problematic, but in the end they yielded two important, joint instruments that permitted the national field exercises to proceed effectively, albeit after extensive delays. For the development of a global research methodology, SAPRIN secured the participation of top professionals from three major NGOs that served as the Network's Regional Centers -- Focus on the Global South in Thailand, FUNDE in El Salvador and Third World Network in Ghana -- and the coordinator of the technical team from Oxfam-America. After a solid start with the Bank's research team, the process bogged down, as the Bank's day-to-day work on the development of the research framework was left to a consultant who was unfamiliar with the institution and with the type of participatory, "political economy" design that had been agreed upon. With the Bank's top participatory researchers excluded from participation in SAPRI and the negotiations thus lacking balance between the two parties, a final design was completed only when a more senior Bank researcher joined the process after a frustrating year of on-again, off-again work.

The global research methodology that emerged, though not as comprehensive as would be needed to give clear guidance to complicated tripartite national research-design processes, did have a number of important and defining characteristics. First, the pair of public national fora that would bracket the field research would give affected populations an opportunity to present their experience under adjustment and take ownership over the results of that research. Second, the research was designed to be highly participatory, as well as gender-sensitive, with the “subjects” helping to define its questions and parameters. Third, qualitative information, including that presented at the fora, would be as valued as quantitative information. Finally, the political-economy approach agreed upon would focus analysis on those factors in the economic and political systems (national and global) that had determined the selection and design of adjustment policies and their impact when implemented.

The second important instrument required for effective field exercises was a more open World Bank information-disclosure policy with regard to structural adjustment documents. During the negotiations to establish SAPRI procedures, the SAPRIN global Steering Committee held to the position that the Initiative could not succeed unless all parties were working from the same set of information. That is, it would be unacceptable for the Bank to have various documents that were not available to civil-society participants. In March 1996, President Wolfensohn agreed to make the necessary documents available, and this commitment was reiterated by staff in July, but the proposed disclosure arrangement forthcoming from the Bank eight months later was woefully inadequate. Information teams from the Bank and SAPRIN subsequently spent months negotiating an information-disclosure policy for the Initiative. Taking into account that the Bank had classified various documents as confidential, SAPRIN compromised to break the impasse by agreeing to have joint information teams established in each country responsible for reviewing all documents relevant to adjustment programs and for writing a detailed summary to be disseminated widely to civil society. While this compromise was at the heart of the ultimate agreement between the two parties, it took the better part of a year to obtain the approval of the Bank’s Legal Department, senior management and Board.

Nevertheless, the SAPRI Information Disclosure Policy Agreement was groundbreaking at the time that it was jointly announced by the Bank and SAPRI in March 1998. It gave civil-society teams access to Policy Framework Papers, Letters of Development Policy, Country Assistance Strategies, President’s Reports, Mission Appraisal Reports, Tranche Release Memoranda, Completion Reports and equivalent reports on sectoral operations for all adjustment loans already extended by the Bank (though not for those under negotiation). Detailed information was made available from the Bank and governments on overall national economic frameworks, general and sectoral lending, expected outcomes of macroeconomic and sectoral adjustment policies, what governments agreed to do within adjustment programs, the conditionality attached to specific tranche releases, the adjustment policies the Bank felt that governments did and did not implement, and views on policy outcomes. This arrangement worked well, and without controversy, in all the countries in which it was utilized, but its lengthy

approval process delayed the progress of some of the country exercises by as much as a year.

SAPRI's Public Launch and Opening Global Forum in Washington in July 1997 captured and projected the significance of the joint Initiative at the time. It featured keynote speeches by Wolfensohn and Argentinean human-rights and political leader Graciela Fernandez Mejjide, as well as civil-society and Bank panels on adjustment policies and their effects on labor and agriculture. Workshops were also held on the methodologies to be utilized and the issues to be explored in the country exercises. While few expected that the introduction of local knowledge about the ways adjustment programs impacted local populations and sectors would by itself shift the Bank off its adjustment paradigm, SAPRI was helping to establish economic policy as a public issue requiring grassroots knowledge and input. It also embodied the essence of a true tripartite collaboration on a level playing field in which civil society had a legitimate and equal voice. And it set in motion highly participatory and extensive processes of citizen mobilization around global economic decisionmaking and generated broad-based civil-society networks and structured capacity to carry on this work in the future.

II. Civil Society Mobilization and Participation

SAPRI set out from the beginning to maximize the levels of inclusiveness, participation, decentralization, communication and collective decisionmaking within the SAPRI/CASA Initiative. Two-thirds of the original SAPRI global Steering Committee members were from the South, and that percentage was maintained or increased as the Initiative evolved. Regional Centers were established in Accra at Third World Network-Africa, San Salvador at FUNDE, and in Bangkok at Focus on the Global South. Lead Organizations in each of the countries developed their own programs in conjunction with broad-based national civil-society steering committees within the framework of the global guidelines developed by SAPRI and the Bank. Represented on the global Steering Committee, these organizations brought their own needs and ideas to bear on the evolution of global program design, financing priorities, and relationships with government and the Bank. A multi-layered communications system evolved that ensured continual communication among and between the national teams, the Regional Centers, the Executive Committee and the SAPRI global Secretariat.

Of equal importance, participation and inclusiveness were the hallmarks of the national exercises, along with the joint nature of these Bank/civil-society exercises in the SAPRI countries. To ensure meaningful participation, clear and firm steps were taken to distance the Bank and governments from the process of local outreach to, and selection of, civil-society organizations that would participate in SAPRI. This placed pressure on the local teams to live up to SAPRI's commitment -- to the Bank and government, as well as to local populations -- to ensure inclusion of a broad cross-section of organizations in the respective exercises. Other guidelines were established to level the playing field in program decisionmaking by giving civil society the power to select the major issues to be investigated and to organize the national public fora. Such

mechanisms and other vehicles of participation were built into all the stages of the country exercises, as reflected in the large diverse turnouts and the broad array of citizens' presentations at the national fora, the participatory nature of the field research, and the broad-based feedback received on the interim and final research reports at economic-literacy workshops utilized for that purpose and at the Second National Fora, respectively.

While the problems encountered with the Bank in the country-approval, methodology-design and information-disclosure processes unfortunately delayed progress in some of the national exercises, they were also fortuitous in one way. During the course of 1997, they permitted additional and necessary time for the civil-society mobilization and organizing processes to be carried out effectively. And these process turned out to be among the most interesting, important and successful aspects of the SAPRI/CASA exercises. Adhering to global guidelines designed to ensure inclusiveness, balance and comprehensiveness, they covered the respective countries' major geographic sub-regions, economic and social sectors and population groups. Some details on the various national organizing processes follow. For more information, visit SAPRIN's web site at www.saprin.org.

Bangladesh

Following an agreement by the government of Bangladesh in April 1997 to participate in the tripartite initiative, two civil-society outreach meetings were held in Dhaka for the purpose of mobilizing civil-society organizations and NGOs to participate in the national SAPRI exercise. A subsequent series of broader meetings led to the formation of a civil-society steering committee and to five regional organizing meetings, the last of which was held in January 1998. They successfully expanded the civil-society network nationwide and provided a forum for the discussion of issues that were of primary importance to people at the grassroots level. This broad-based consultative process continued in 1998 as part of the preparatory process leading up the Opening National Forum. Over 500 people participated in three additional day-long regional consultative meetings and five sectoral-based focus-group discussions, in which they voiced their concerns about the impact of structural adjustment policies and suggested areas of priority for further research. An additional focus-group discussion was held in early 1999 after the October National Forum.

As a result of this outreach and mobilization, led by the well-established NGO, PROSHIKA, the local SAPRIN civil-society network in Bangladesh grew to more than 300 organizations. These included development NGOs, trade unions and associations of farmers, agricultural workers, small-scale producers, women, teachers, poor people and businessmen. The 15-member civil-society steering committee, which worked together with its counterparts from the government and the World Bank in the National Steering Committee, has included representatives of PROSHIKA, the Bangladesh Rural Advancement Committee (BRAC), the National Association of Small and Cottage Industries of Bangladesh, the Federation of Bangladesh Chambers of Commerce and

Industry, the Coalition of Environmental NGOs, the Bangladesh Road Transport Workers' Federation and other trade unions, women's organizations, agricultural workers' and farmers' associations, as well as members of parliament and the media. A seven-member civil-society technical committee was also formed to design and monitor the research process, in coordination with the government and the World Bank.

Ecuador

After overcoming initial problems with civil-society organizing and outreach, an extensive process began in Ecuador in late 1997 under the leadership of the Institute for the Ecology and Development of Andean Communities (IEDECA). The intent was to reach out to and involve those sectors and broadly representative organizations normally excluded from national and international processes. Between October 1997 and March 1998, over 450 organizations from 20 of the country's 22 provinces participated in seven regional workshops. These workshops explained the objectives of SAPRI and included roundtable discussions with local representatives from different sectors on specific structural adjustment policies in Ecuador and their impacts, as well as smaller group sessions designed to explore more deeply people's personal experiences with adjustment policies and suggestions for alternatives. A summary of the results from these workshops was used to prepare for the presentations and discussions at the Opening National SAPRI Forum.

Delegates from each regional workshop later met in Quito at a national citizens' workshop to further discuss regional priority issues raised and to elect a national SAPRIN civil-society steering committee. That committee, which has coordinated the involvement of more than 750 organizations in the Ecuador exercise, has consisted of a wide range of population groups and representatives of geographical areas. Peasants and rural workers, small-scale enterprise organizations, women's groups, organized workers and unions, low-income community groups, indigenous peoples, afro-ecuadoran communities and human-rights activists are represented, as are organizing committees that have been active in six major regions of the country. In addition to organizing the Opening National Forum, the steering committee subsequently formed a technical team that worked with the government's and Bank's technical experts to design and oversee the research process under the auspices of the tripartite National Steering Committee.

El Salvador

FUNDE, the lead organization in El Salvador (and SAPRIN's Latin America Regional Center) launched an outreach process in its country in late 1996, but momentum stalled when the government, in the person of the Finance Minister, backed out of its prior commitment to SAPRI. By the second half of 1997, SAPRIN had decided to move ahead with the exercise on its own in the void left by the withdrawal of the government and the Bank. Ten permanent roundtables, or *mesas*, were organized around the various economic and social sectors in the country, each of which held a workshop between November 1997 and February 1998. The objectives of these workshops were to discuss

the specific problems and priorities of each sector, inform the organizations and their members about adjustment policies and the SAPRI process, and obtain input as to the impacts people had felt from those policies and the perceived causes of the problems they identified. The results were presented as contributions to the discussions at the Opening National Forum. At the same time, several hundred people from a broad range of organizations across the country participated in an array of activities through mid-1998 designed to educate groups on the overall economic situation and to address specific problems in different sectors, such as poor health-care services and child poverty.

This organizing work led to the establishment of a 14-organization steering committee representing 13 different sectors and to the expansion of the SAPRIN network to include 70 major networks and organizations representing more than 500 grassroots groups. Included in this coalition are organizations representing rural-sector cooperatives, a union federation representing urban workers, an association of small and medium-size enterprises, a network of organizations focused on the problems of children, the National Council of Churches, a national women's organization, and networks representing environmental, human rights and media organizations, as well as NGOs and universities.

Ghana

The Integrated Social Development Centre (ISODEC), which has acted as the Lead Organization in Ghana with the support of Third World Network-Africa, began a national outreach drive after SAPRI was formally launched in November 1997 following Cabinet approval of the Initiative. By August of the next year, workshops had been held in all ten of the country's regional capitals. Organized through six regional SAPRIN structures and involving approximately 300 civil-society organizations, as well as civil servants and district officials, these sessions provided information on SAPRI, identified issues of concern to civil society to serve as a basis for discussion at the First National Forum and selected representatives from the regions to attend the Forum. The broader SAPRIN network has encompassed virtually all of the major NGOs, churches and trade-union umbrella organizations in the country.

The Civil Society Coordinating Council (CivisoC) -- which is composed of 21 members representing organizations of workers, women, students, Muslims, farmers, fishermen, and small and medium-scale industries, as well as environmentalists and other NGOs -- was formed to manage the network's participation in the SAPRI exercise in Ghana. CivisoC formed four sub-committees to work in the areas of organization, media, finance and management and chose seven of its members to participate in the tripartite National Steering Committee with government and World Bank representatives, as well as eight civil-society experts to participate in the Tripartite Technical Committee that designed and oversaw the research process.

Hungary

In mid-1997, Hungarian trade unions and NGOs engaged their government in discussions about joining SAPRI after World Bank overtures proved unsuccessful. As a result, the Office of the Prime Minister, in conjunction with the Ministries of Labor, Industry and Finance, committed the government to participate in a national exercise. With this success, a group of socially concerned economists began an extensive outreach effort by first enlisting the participation of the largest trade-union alliances. Three large farmers' organizations, the national alliance of small industries, and other key constituency groups, such as national organizations of *romas* (gypsies), women, pensioners and the disabled, as well as organizations representing environmentalists, engineers and economists, were also brought on board. The Alliance of Social Associations, which coordinates a nationwide network of civic organizations, was then asked to reach out to the different regions of the country to broaden public knowledge of, and participation in, the SAPRI exercise. There were 11 well-publicized meetings, with media coverage and the involvement of local officials, organized for this purpose in ten of the nation's 19 counties in late 1997 and early 1998, in which approximately 725 people participated.

A total of 1,600 organizations have been represented directly or indirectly through the various coalitions that are actively involved in the network, and organizing centers have been established in 16 of the 19 counties across the country. They are coordinated by a 22-member steering committee. An information committee was established to access and review World Bank and government documents on structural adjustment programs and policies in Hungary, and a technical committee of civil-society experts was formed to help design and oversee the research process.

Uganda

The Ugandan SAPRI process began in January 1997 with a meeting convened by the African Women's Economic Policy Network (AWEPON) and attended by some 20 NGOs. The participants decided that the Uganda National NGO Forum, an umbrella group with nearly 100 members, should organize the initial stages of the local SAPRI exercise. NGO Forum subsequently convened an outreach meeting that was attended by representatives of more than 70 organizations. The outreach effort was assisted by the public launch of the tripartite initiative at a national conference held in Kampala in August, which was attended by a broad array of civil-society organizations, as well as government officials. It served to introduce SAPRI to the participants, which took the occasion to form a civil-society steering committee and begin the process of selecting issues to be addressed during the exercise.

NGO Forum expanded its outreach efforts by making special, ultimately successful overtures to the nation's labor-union umbrella organization and by undertaking organizing efforts in all parts of the country. Regional outreach peaked in early 1998 when SAPRI civil-society teams visited 20 of Uganda's 45 districts to explain the

exercise, solicit participation in the SAPRI process and gather views on adjustment-related issues. The teams specifically worked to include farmers, traders, artisans, housewives, civil servants, civic leaders, trade-union and cooperative members, middlemen, laborers and district officials. Two-day workshops were held in each district, in which approximately 1,000 people participated and contributed their ideas and experiences. These events were, in essence, hearings on citizens' perceptions of government policy, in general, and structural adjustment policies, in particular. Regional structures were formed and have included associations of small-scale farmers, educators, health-care workers, women, youth and the disabled, as well as environmental, human rights and religious-based groups and development-related NGOs. They are coordinated by a 16-member civil-society steering committee, delegates from which formed the tripartite SAPRI National Steering Committee along with representatives of the Ministry of Finance, the Ministry of Planning and the World Bank.

Zimbabwe

The SAPRI exercise in Zimbabwe began with a series of meetings involving national and international NGOs, labor unions, church groups, farmers' associations and the Chamber of Commerce. Because of the rural, dispersed nature of much of Zimbabwe, radio time was purchased and several programs explaining the SAPRI exercise were produced and broadcast, while numerous televised panel discussions with representatives of the government and the World Bank were also used to spread the word about the Initiative. In addition, a series of six regional workshops were organized in late 1997 and early 1998 by the national networks of the Zimbabwe Council of Trade Unions (ZCTU) and the Zimbabwe Council of Churches. To extend the outreach further, the 50 or so participants from grassroots organizations in each of these regional events agreed to fan out into rural areas and replicate the workshops at the village level. There were 45 local workshops held in early 1998, in which a total of 2,000 people participated, thus facilitating the formation of district committees. These regional and district-level workshops were used to explain and solicit participation in SAPRI and to discuss thoroughly those aspects of the national adjustment program that were of the greatest concern to participants. Local participation was extremely broad and even included soldiers and police in their roles as concerned civil servants.

Although there had been participation by government representatives in SAPRI activities in 1997 and early 1998, as political tension increased and the economic situation worsened the government disengaged from SAPRI. Following a two-day national meeting, in which it refined the issues raised at the local level for discussion at the Opening National Forum, the SAPRI civil-society steering committee spent the second half of 1998 and the first half of 1999 focused on re-involving the government. When these efforts failed, a series of civil-society meetings with representatives from the six regional and 45 district committees that constitute the SAPRI network led to the decision to move forward with the exercise regardless of the government's role. These local committees, along with the 100 or so national civil-society organizations that have been active members of SAPRI/Zimbabwe, became the backbone of the network

decisionmaking structure, while the steering committee established various sub-committees to carry out the necessary technical and outreach. The steering committee, which includes the above-mentioned organizations, as well as women's organizations, the Confederation of Zimbabwe Industries and other constituency groups, has been coordinated by SAPRIN's Lead Organization, the Poverty Reduction Forum at the Institute of Development Studies, with the support of the ZCTU.

Mexico

During the first half of 1998, Equipo Pueblo, acting as the lead civil-society organization in Mexico, organized a series of regional meetings and sectoral workshops in different parts of the country. These outreach meetings were designed to involve, in particular, marginalized groups -- including women, children, indigenous people and others among the rural and urban poor -- in the CASA process and discussions on national economic policy. A regional workshop brought together dozens of community groups and NGOs from the southern provinces of Chiapas and Oaxaca. Seminars were held with Mayan children on the outskirts of the city of Merida in Yucatan province, with youth in the poor neighborhoods of Mexico City, with mothers involved in community child-care centers in the capital, and with a range of community groups in Guadalajara. In addition, a national workshop designed to address conditions in rural areas was organized with the participation of nearly 100 representatives of a broad range of rural-based social organizations from around the country.

Nearly 50 organizations became actively involved in the CASA exercise, including local and regional groups and many national organizations and networks. The Mexican network includes organizations working in the Mexico City metropolitan area, as well as in the four regions of the country where CASA focused its efforts: the northern border region; the central region (Queritaro, Guanajuato, Michoacan, Sierra de Hidalgo, Tlaxcala and Puebla); the southeast (Chiapas, Oaxaca and the southern part of Veracruz); and the western region (Jalisco, Colima, Nayarit and Guadalajara). They represent groups working in the *maquila* sector, small-business and producers' associations, rural organizations, associations of farmers and indigenous peoples, credit unions and microfinance institutions, trade unions, development organizations, neighborhood groups, health-care organizations and youth groups. A General Council was organized, with general coordination and the organization of specific activities delegated to a six-member Coordinating Committee.

The Philippines

When initial efforts to bring the government and the Bank on board to carry out a SAPRI exercise failed in 1997, civil-society organizations in the Philippines began a CASA initiative. In early 1998, the Freedom from Debt Coalition took the lead in carrying out an extensive process of outreach with an economic-literacy program designed to actively involve a wide-range of organizations representative of different national sectors. Special efforts were made to include people and their organizations in

the poorest and most disadvantaged regions of the country, particularly northern Luzon, Visayas and Mindanao. A national assembly was held in March 1998, followed by a general organizing meeting in August. Thematic working groups were constituted, with the participation of a wide range of organizations involved in the network in order to help elucidate issues of concern to civil society, outline possible questions for research and prepare background materials.

Over 150 national and locally based organizations, including many coalitions representing hundreds of grassroots groups, affiliated themselves with SAPRIN and the CASA exercise in the Philippines. Among those groups that participated in a range of activities organized by SAPRIN were eight peasant associations, seven peace and human rights organizations, ten poor-people's associations, seven development organizations, six environmental groups, five health organizations, 15 labor unions, 12 church and other religious organizations, five educational associations, 28 women's organizations, five youth groups, three indigenous peoples' organizations, six political movements, five political parties, 13 debt-relief advocacy groups, and four migrant-support associations. Of the 15 members selected to form the local SAPRIN steering committee, six were convenors of thematic working groups, three were regional representatives and six were members at large. The committee decided in 1999 to continue with the process as a CASA exercise when a newly elected government opted to remain officially outside the initiative.

III. National Public Fora: Infusing the Economic Policy Debate with Local Knowledge

The SAPRI consultative fora lay at the heart of the national exercises. It was the omission, civil-society groups had long claimed, of a local-level, "real world" perspective on the design, implementation and impact of adjustment measures that doomed those programs to failure. In his first months at the reins of the Bank, Wolfensohn had already established consultation with civil society as part of his new approach at the institution, and SAPRIN set out to ensure that SAPRI would be a broad-based, highly decentralized, and effectively organized consultation on the critical issue of economic policy.

The approval by the Bank's Board in February 1998 of the SAPRI Information Disclosure Policy Agreement unfroze some of the country exercises by allowing SAPRIN information teams to study adjustment-related documents in preparation for Opening National Fora. Within four months, a series of seven national fora -- organized by SAPRIN committees in conjunction with the Bank and government -- were launched, beginning in Hungary and Uganda in June and ending in Ecuador in January. Ghana, where the momentum in civil-society organizing and government/civil-society relations was broken by the 18 months it took the Bank to establish a policy for public review of adjustment agreements, did not hold its forum until November. The Zimbabwe exercise, with its highly successful civil-society mobilization, was another, unfortunate victim of the delay, with the government, in a changing political climate, walking away from the table by the time the SAPRIN committee had prepared itself for the forum in that

country. After more than a year of informal discussions with various ministries, SAPRIN finally proceeded unilaterally with a forum in that country in September 1999, an event in which the Bank participated. Likewise, SAPRIN in the Philippines convened its forum in July 1999 with members of Congress after failing to engage its government in the exercise. A forum in Mali was also not held until the third quarter of 1999, but, in that case, organizational issues were the problem, issues that would eventually lead to the premature termination of that national exercise.

The Opening National Fora were designed for the presentation and discussion of local populations' experience with, and perspectives on, specific economic adjustment measures and their respective impacts. In all the fora except those in El Salvador and Mexico, Bank and government officials were present to learn from, and respond to, the information and analysis presented, while parliamentary representatives participated in the other three. The respective local SAPRIN steering committees selected presenters who could represent the points of view of a broad range of economic and social groups. The issues were chosen in accordance with global SAPRI guidelines, which empowered the local SAPRIN technical teams to engage civil-society organizations across the country in the generation of a long list of priority economic-policy issues. The list was then narrowed before the final selection of three or four issues was made in each country with the Bank and government in the respective national tripartite Steering Committees. While the selection of the same issues for all the exercises would have made subsequent cross-country comparisons and synthesis much easier, the preservation of local choice was at the heart of the participatory nature of SAPRI.

The impact of trade liberalization policies was selected by local organizations as one of the three or four most problematic issues for discussion in nine of the ten countries, including Mali. Trade policies were often chosen in conjunction with other adjustment measures -- price liberalization, financial-sector liberalization, industrial-policy reforms, removal of agricultural-input subsidies, investment liberalization, labor flexibilization -- and related to a broad range of impacts, including their effects on local industries, small enterprises, rural producers, the agricultural sector, domestic production, employment and workers. Privatization -- of public utilities and services and the mining and industrial sectors -- was another prioritized problem area identified by citizens' groups, arising in six countries. The focus varied from the impact on consumers, workers, the poor and vulnerable groups to effects on the environment, employment and the concentration of wealth.

Agricultural-sector reform policies were also on the agenda in six countries, while the impact on workers of labor-market reforms was discussed in four, and the liberalization of the financial sector and the problems of credit access for local producers in four. Public-expenditure reform issues -- including user fees, the elimination of subsidies, and the impact of reform on health care and education, social services, family economic security and social development -- also emerged as a priority in eight of the national exercises. Overall, however, the greatest emphasis was placed in all the countries on the problems, dislocations and increased poverty and inequities generated by

economic adjustment policies through the destruction of domestic productive capacity and through the failure to generate sufficient employment at a living wage.

The Opening National Fora themselves were well-attended, highly publicized events. Typically held over two days and organized around plenary sessions and work groups, these fora each brought together over 100 representatives of civil-society organizations from around the country (SAPRIN budgets covered local transportation and lodging) and usually between 200 and 300 people in all. Presentations were made by civil-society representatives on three or four specific adjustment-related issues, drawing on the local knowledge, experience and analysis of local constituency groups. These were followed by discussion with World Bank and government officials and the broader group of participants. The information and analysis presented by these representatives from different sectors and population groups constitute some of the qualitative information synthesized in this volume. Summaries of the country fora can be found on the SAPRIN web site.

Participating government officials usually included Ministers, state secretaries, department heads and/or other representatives from the Ministry of Finance, as well as from other economic and social ministries, although participation was uneven from country to country. In those countries in which governments were not officially participating, ministry staff sometimes informally attended the proceedings. The Fora also attracted parliamentarians, former cabinet ministers, members of local councils and other politicians. Washington and country World Bank representatives (including the Resident Representative in Zimbabwe) participated actively in the sessions. The local SAPRIN steering committees and technical teams were joined by representatives of the Network's global Steering Committee, Secretariat and/or Regional Centers, who took note of the information and analysis presented.

While civil-society representatives often stressed the non-participatory, non-transparent and externally imposed design of adjustment programs, as well as their overall negative effects, the focus of their presentations and discussion was on specific consequences of particular policy reforms. The Fora were designed as a learning experience for the Bank and governments, but the sessions invariably turned into debates, with the Bank defending its record and disputing citizen analysis. However, the Fora did help generate good local media coverage and clearly laid out the problematic areas that civil society felt required further investigation and a fundamental change in policy.

In Ecuador, where the Forum was held in an environment of widespread street protests against adjustment policies and amidst a serious financial crisis, SAPRIN representatives urged the government and the Bank to extend the SAPRI dialogue and be responsive to the broader society on the issue of economic policy. In Bangladesh, Professor Rehman Sobhan, former Presidential Advisor and Chair of the joint Bank/SAPRIN national SAPRI Steering Committee, issued a similar challenge to the Bank and government at the end of proceedings in that country. He reminded them that public expectations had been raised as a result of the Forum and the Initiative and urged

them to take the output from the exercise seriously or face a further loss of credibility and integrity amongst civil society and the local electorate.

IV. Joint Research to Deepen Local Civil Society Assessments of Adjustment Policies

Immediately after the Opening National Forum in each of the SAPRI countries, local World Bank and SAPRIN teams sat down to begin determining the specific areas of field research in which to deepen the knowledge gleaned from the participatory events. In almost all cases, including those in which the Bank was not officially involved, the research issues selected were more narrowly focused versions of the questions explored in the fora. The collaboration between the local Bank and SAPRIN teams intensified at this point, with their respective technical teams working jointly to develop local research designs within the framework of the global SAPRI methodology, as well as terms of reference (TORs) for jointly selected research consultants.

This process extended over several months, taking longer than expected in most countries. In an effort to ensure tripartite ownership of the research design and the TORs, much time was required for all parties to work together and reach agreement. Delays in finalizing TORs were in some cases due to political crises and events that diverted the government's attention from the technical process, causing the technical team to have to wait for the government's input before proceeding. In the case of Ecuador, for example, a worsening economic situation erupted into a major political crisis in early 1999, making government participation in the process inconsistent. With five different presidents and more than twice as many finance ministers in power during the period in which SAPRI was carried out, it was particularly difficult and time-consuming to keep the government actively involved. In Ghana, the government tasked representatives to the tripartite Technical Team without compensating them for their time, causing a multi-month delay before a solution was found.

Once terms of reference were agreed upon by the tripartite teams, the joint selection of researchers began. In most countries, SAPRIN civil-society technical teams found that the Bank intended to proceed with its usual method of hiring consultants, using a bidding process that drew from the same pool of institutions and researchers that are used by the Bank for its range of projects in each country. The civil-society teams, however, made sure that this would not occur with the SAPRI research.

In **Bangladesh**, for example, the process began with civil society, on the one hand, and the Bank and government, on the other, putting forward suggestions for researchers for each policy area, with the intention of selecting candidates by mutual agreement. The Bank, however, continued to insist on including certain researchers it had worked with consistently in the past, who, for that reason, were not acceptable to civil society. It took several months and the involvement of the Bank and SAPRIN Secretariats in Washington to resolve this conflict and ensure that independent researchers were chosen.

In **Ghana**, recruitment of researchers took about two months to complete. Advertisements were placed in the country's major newspapers and followed by special radio announcements. The publicity yielded an overwhelming response, as over 320 applications were received. The local joint SAPRI Secretariat did the first screening, ensuring that applicants had complied with the minimum qualifications stipulated in the advertisement. Civil-society's technical committee then took over and did a second screening that led to the short-listing of 37 applicants. Thereafter, the tripartite Technical Committee became involved, as interviews were held to select the final list of researchers. A similar process occurred in **Ecuador**, where ads were placed in several newspapers. More than a month was given for proposals to be received, and it took two months to review and formally agree on the final selection.

In **Hungary**, a different approach was taken, as the SAPRIN civil-society technical team could not agree with the Bank and government on a joint process to hire researchers. For that reason, the parties agreed that civil society would choose its own research team, while the Bank and government would hire a separate team to cover the same subjects, an option stipulated in the global Standard Operating Procedures. Upon completion of their work, the results of each team had to be compared and integrated by the tripartite Technical Team.

Following the selection of researchers, several countries held national methodology workshops for the researchers and the civil-society and tripartite technical teams in order to ensure that the researchers clearly understood the SAPRI methodology and to review their plans for carrying out the research process. Such workshops -- organized in Bangladesh, Ghana, Uganda and Zimbabwe -- emphasized the key aspects of the methodology and helped to link researchers with civil-society organizations to ensure that fieldwork would be participatory and involve grassroots groups and affected populations around the country.

These methodology workshops emphasized the gender-sensitive, political-economy approach that was to characterize the research. The studies were to be based on an understanding of the structures and relations in society that have determined the selection and design of adjustment policies and through which these policies have impacted people's lives. This meant looking at the effects as a whole of a package of interrelated policies, rather than a search for a unilateral causal relationship. Thus, the research process needed to take into account the institutions, power structures and interests that affect economic behavior and sought a multidimensional analysis that considered factors such as gender, ethnic, cultural and age differences, as well as variations in the political, social and environmental context. At the same time, the participatory field research was to utilize workshops and a range of techniques through which various sectors of civil society could share their knowledge and perceptions of the impact of adjustment policies. Qualitative information, including that presented at the fora, was to be as valued as quantitative information in the studies.

Following the selection of researchers and the methodology workshops, specific research plans were developed. Given the different experiences and conditions at the country level and the range of actors involved, national teams developed a variety of means they deemed best suited to their local context for applying this non-traditional methodology. The country studies were conducted using three basic tools of investigation:

- *Desk Reviews.* Each research team compiled and reviewed existing literature, including previous research, official documents and statistics, as well as reports by international institutions. In most cases, this also involved analyzing data derived from various secondary sources.
- *Primary Surveys.* Local stakeholder surveys were undertaken by some of the research teams, either using quantitative techniques or employing a mix of both quantitative and qualitative methods.
- *Participatory Reviews and Fieldwork.* A key strength of the whole exercise was the use of participatory methods, including a range of participatory appraisal techniques, semi-structured interviews, workshops and focus-group discussions with a wide array of social actors whereby the experiences and views of various stakeholders were collected and analyzed.

It was in the use of participatory methods that country teams were most innovative. Several different approaches were adopted.

In **Bangladesh**, one research team was contracted to carry out an extensive participatory study addressing all the selected adjustment policies together using PRA (Participatory Rural Appraisal) methodology. The study complemented the work of separate teams contracted to carry out four policy-focused and four issue-oriented studies. In addition, a series of focus-group discussions and regional consultative meetings were held with a wide range of local and national civil-society groups and sector-specific organizations to gather input for each of the research teams, both at the beginning and the end of the research process. The results of all the research teams were integrated to produce the final country report.

In **Ecuador**, the two research teams that were contracted to carry out studies on the three selected policy areas worked together to ensure their research would be participatory. A series of workshops and in-depth interviews were conducted with social actors from a range of sectors, selected according to the policy areas being studied and the productive characteristics of each geographical zone. Causality diagrams were drawn to identify perceptions of the causes and effects of these policies, as well as their impact on the participants' communities. Information gleaned from these processes was then systematized by the research teams and used to identify the variables and indicators, along with their respective interrelations, that were the focus of the research. Thus, the workshops were the starting point for identifying the policies and themes to be analyzed,

as well as for the study of causal relationships as indicated by the participants. Once the first results from the research were obtained, another series of workshops was held to obtain more input and validate the results.

In **Hungary**, parallel research processes were carried out by civil society and the World Bank and their results integrated in order to produce the final country report. Four civil-society research teams involving 20 researchers from Budapest and ten regions of the country carried out investigations in the four policy areas selected. At the same time, nearly a hundred civil-society representatives presented short case studies addressing these policy areas, using their own organizational resources. The local SAPRIN technical team then synthesized the four civil-society research reports and the various NGO papers into a draft summary, which was taken to a process of consultation in a series of workshops held around the country with civil-society representatives and experts. Input from these meetings was incorporated into the final country report together with the results from the four World Bank research reports that had been done separately.

In **Mexico**, a different approach was taken to ensure the participatory and integral nature of the research process. Fieldwork utilized the PAR (Participatory-Action Research) methodology, which comes from the tradition of Paolo Freire and is used to enhance participation in research while giving citizens ownership over the process itself. Because PAR uses popular education as a means for achieving local empowerment, economic literacy was integrally linked with the research process. Workshops were conducted in two modules, each of which was utilized in three regions of the country. The modules began with a training of trainers, involving representatives of more than 40 community groups and NGOs, that was followed by a series of workshops carried out in the respective regions by the participating trainers. In the workshops, participants described the socioeconomic transformations experienced in their communities, as well as the reasons for such changes and their reactions to them, and identified possible relationships between these changes and the application of structural adjustment policies. The workshop results were synthesized and integrated with the work of researchers who carried out three thematic studies that also drew information from household surveys and interviews with civic leaders.

In **Zimbabwe**, where political violence made it difficult to carry out the extensive participatory fieldwork that had been foreseen, a series of workshops was organized utilizing participatory methodologies to facilitate discussions of the policies selected for study and their impacts. Some 15 full-day workshops, each with over 50 participants from a wide cross-section of social classes and age groups, were conducted in the country's eight provinces to elicit information from communal, resettlement, commercial-farming, mining and urban settlements. The results of these workshops were integrated into the overall findings by the researchers carrying out five thematic studies.

In **Uganda**, the national SAPRIN civil-society network developed some 20 district-based structures that helped to mobilize local communities and organizations throughout the SAPRI exercise, as well as ensure the participatory character of the

research. Using these structures, workshops were organized to gather input from many groups around the country that helped to define, orient and validate the research process. The research teams that were contracted to carry out the three policy-focused studies and one issue-oriented study also worked with these local structures to elicit stakeholder involvement in the research. A similar process was followed in **Ghana**, where six regionally based civil-society structures ensured stakeholder involvement and input in the four policy-focused studies carried out by researchers.

In **El Salvador**, the participatory nature of the research process was ensured through a series of workshops and focus-group discussions that were held with stakeholders. In the first phase of the research on the three policy areas selected, thematic working groups were formed and consultations were organized in order to help orient each of the studies and provide a qualitative analysis based on the input and ideas of a broad range of civil-society groups. Another series of workshops was held in the final phase of the research process at which initial findings were presented to the different sectors affected by the policies under study to seek feedback and outline the primary conclusions and recommendations. The results of these workshops were integrated into the final country report.

The participatory process in the **Philippines** was carried out in a similar manner. Thematic working groups were established for each of the four study areas to help guide the research and ensure its participatory nature. These thematic groups organized workshops at the local and regional levels with the affected population. In addition, researchers carried out key-informant interviews and utilized other participatory techniques to gather information on the impact of the policies under investigation.

The research process extended over a two-year period -- three years including the development of the country research designs and TORs -- and averaged 9-12 months per country. Foreseeing this eventuality, the SAPRIN Secretariat continued to raise additional funds to support the completion of the country exercises. At an April 1999 meeting of the SAPRIN global Steering Committee in Bonn, the Lead Organizations in the SAPRI/CASA countries decided that some of these resources would be applied to further grassroots work that would deepen and dynamize the research process. The Committee thus allocated funds to programs of economic literacy and, in a few countries, the local-level exploration of economic alternatives. As a result, economic-literacy workshops became an integral part of iterative processes of citizen review of interim research findings, with local-level groups being further informed on the subject while either validating or suggesting modifications in these results. Meanwhile, the alternatives work gave a forward-looking edge to some of the exercises, and, in countries like Ecuador, has provided the basis for the ongoing development of more appropriate economic policies.

After working with some of the researchers in the SAPRI countries to improve the quality of their respective draft papers, the national and SAPRIN technical teams recommended approval of joint Bank/civil-society reports. Only in Hungary, where two

distinct sets of papers had to be merged into a final product, was agreement on the reports difficult to reach, as elsewhere the research processes had been fully collaborative endeavors. The reports were sent to the national SAPRI Steering Committees, which delivered them to the Second National Fora.

The Fora brought together similar numbers of participants as attended the opening national events and also attracted significant media coverage. Civil-society representatives typically suggested improvements, additions and modifications to the reports, but accepted them as imperfect compromises with their Bank partners. Many said that, left to carry out their own research and write their own reports, citizens' networks would have produced papers more sharp-edged and critical of the adjustment programs in their respective countries, but that the SAPRI reports did capture for them the essence and many of the particulars of the problems faced by affected populations. Government officials, including those from finance ministries, were also accepting of the final SAPRI outputs and often supportive of civil-society positions.

The Bank, too, publicly accepted the reports at the SAPRI Fora after expressing disagreements on particular points in some of the sessions. In fact, all the submitted reports were approved, at least in principle, by all the parties at the Fora, though often with instructions to the technical teams to integrate as much as possible the Fora input into the final documents, and, in a couple of cases, to have the researchers carry out additional work. In the case of Bangladesh, the independent SAPRI Secretariat in that country was left the task after the Forum of incorporating some of the Bank's critiques of the joint report before its publication. Overall, however, there was general approval of, if not total agreement on, the assessments at the Fora, but the Bank did not commit itself as to what it was prepared to do with the country findings or to any concrete action.

V. The World Bank Distances Itself from the Joint SAPRI Findings

From the earliest stages of SAPRI it was clear that the commitment by President Wolfensohn to engage civil society in an equal and constructive partnership would not translate into an easy relationship with the Bank. The civil-society negotiators understood that the president, in engaging some of the strongest critics of his institution, was involving them in a potentially long, drawn-out initiative, possibly without clear resolution. This belief received some confirmation in the negotiating process when the Bank attempted to convert SAPRI from the consultative exercise proposed by NGOs to a longer-term research program. But it was felt by those organizations that, not only would SAPRI legitimize a voice for civil society in economic policymaking and enable the mobilization of local organizations around the issue, it would also, if professionally and objectively carried out in a truly participatory manner, yield findings that reflected the experiences and perspectives of people struggling under adjustment programs.

While a mutually respectful relationship developed between the SAPRI Secretariat and the Bank counterpart in its Policy Research Department that allowed the professional organization of the Initiative during the project-preparation stage, problems

started to emerge, particularly in the Latin America Vice Presidency, when it became clear that SAPRI would be a serious endeavor in which the Bank could be held accountable to findings. Governments, too, began to understand the risk of involvement, caught as they would be between the popular expectations that would be raised by such an assessment and the unlikelihood that the Bank and the IMF would allow them to change economic course in response to citizen pressure. El Salvador bailed out. Latin American emerging-market countries, buoyed by support from the Bank's Regional Vice President, kept their distance. And the Bank's Managing Director acting for Wolfensohn reflected the institution's ambiguous commitment to the Initiative by failing to resolve these disputes, end Bank bureaucratic delays, and ensure broad-based government involvement, beyond finance ministries, in the field exercises.

Regardless, on the strength of the global guidelines and the country local-level organizing, the field exercises moved effectively to the Opening National Fora before it became clear that the "new" Bank's commitment to meaningful consultation was also in question. Refusing to seriously consider as important knowledge the personal and institutional testimony to the real-life impact of adjustment policies presented at the fora, Washington World Bank staff made no effort, that it could report on to SAPRIN, to integrate this vast amount of potential learning into internal decisionmaking processes at headquarters.

During the subsequent country research processes, the Bank changed its SAPRI leadership within DEC. With that change, SAPRIN's relationship with the Bank became increasingly untenable. For six months, as the country investigations began to yield draft findings, the Bank persisted in an attempt to move the Second SAPRI Global Forum out of Washington and away from the high-profile, public format previously agreed upon. Roundtable discussions with Bank staff would, in this scenario, replace a public consideration of findings and follow-up action with Wolfensohn and Bank management. Attempts by SAPRIN to reach a compromise that retained the essence of the original agreement failed, and the Bank moved to block the release of European government funds destined for SAPRIN and the completion of the country exercises. After extraordinary means were used, successfully, by SAPRIN to obtain the release of the funds, the Bank announced that it would soon be terminating its involvement in SAPRI.

Recognizing both its obligations to SAPRI participants, who expected that their articulated experience with structural adjustment policies would be given due consideration in Washington, and the lack of Bank seriousness in meaningful engagement with populations affected by its policies, SAPRIN's global Steering Committee decided to participate in a roundtable meeting at Bank headquarters before the institution's imposed deadline but also to organize a public global forum, or fora, at which it would release the final results of the joint Initiative. Left by the Bank to carry out the global synthesis, SAPRIN's multi-country team sorted through mounds of completed and semi-completed national reports and rapidly summarized four years of work from nine countries. In the end, senior Bank management failed to participate in discussions of the

report's findings with the twenty SAPRIN representatives who had traveled to Washington for the meeting.

The following eight chapters constitute a more fully elaborated, updated and edited version of the findings presented to the World Bank last July and on which the Bank has remained totally silent. With more time to process completed country materials, SAPRIN has been able to draw more extensively on the enormously rich body of work that emanated from this massive exercise, which was carried out for the most part collaboratively with the Bank. Still, this report, while a synthesis of the results of nine sets of country studies in seven policy areas, does not pretend to be exhaustive in presenting the work undertaken, as it was not possible to include all that was produced in each country or to do justice to some issues that were extensively covered in a particular investigation. Neither is this report meant to be a standard cross-country analysis, as not every study contained the same depth of information or addressed the same set of issues. Furthermore, given the different experiences and conditions at the country level and the range of actors involved in the SAPRI and CASA processes, as well as the fact that the national teams developed a variety of means they deemed best suited to their local context for carrying out broad consultations and applying the non-traditional SAPRI methodology, each national investigation had a richness uniquely its own that was not easily comparable across countries.

Most researchers will agree that there is no single best way of examining complex realities and interdependent relationships. The SAPRI endeavor undertaken with the Bank was designed methodologically to shed a different light on the impacts of adjustment by, for the most part, leaving aside a traditional macroeconomic analysis that relies on aggregate averages and, instead, basing its analysis on the perspectives and assessments of the stakeholders and social actors themselves. It draws its validity, not from statistical or econometric analysis, although such methods were used for aspects of the country studies, but rather from the valuable information gleaned through a broad-based and highly participatory process of public consultations and research designed to highlight the differentiated nature of policy impacts, particularly with regard to those sectors and populations at the margin. It is intended to be a unique complement to the increasing number of studies on structural adjustment, many of which have raised serious questions about these programs.

The report is organized around the adjustment policies prioritized by local populations for examination as to their impact on particular sectors and groups. *Chapter 2* presents an assessment of trade-liberalization measures and focuses on their impact on the manufacturing sector, particularly the differentiated effects on various sub-sectors and population groups. *Chapter 3* discusses liberalization measures in the financial sector, assessing their distributional impact and their effect on a country's productive apparatus, particularly small and medium-size enterprises. *Chapter 4* looks at how adjustment policies overall have affected employment and assesses, in particular, the impact of labor-market reform and "flexibilization" policies on working people. The privatization of both public utilities and publicly owned industries is examined in *Chapter 5*, which looks at

the varied economic outcomes of this measure, as well as its differentiated effects on employment, access to essential utilities and the distribution of wealth. *Chapter 6* focuses on the agricultural sector, assessing the impact of a range of adjustment measures on farmers' incomes and production, as well as on food security, with an emphasis on how the effects vary depending on socioeconomic group. Reforms carried out in the mining sector are addressed in *Chapter 7*, which examines both the net economic outcome, as well as the social and environmental impacts on local and indigenous communities. *Chapter 8* assesses public-expenditure reform and discusses trends in public spending on services, particularly education and health care, with a focus on access to quality services by low-income groups and effects on poverty and inequality. Finally, *Chapter 9*, drawing on the previous chapters, reviews four basic ways in which adjustment policies have contributed to the further impoverishment and marginalization of local populations, while increasing economic inequality.

The World Bank claims that it seeks constructive engagement with civil society, that it is committed to consultation with populations affected by its projects and policies, and that it is working to reduce poverty. This report, the findings that follow, and the SAPRI initiative itself constitute a challenge to those claims. The findings not only represent the perspectives of the people themselves in the South, but they are also the result of a process in which the Bank was directly and intimately involved. It is a challenge that the Bank has so far failed to meet. It is a test, as well, of those member governments and official institutions that invested or participated in SAPRI and of those that have heretofore chosen to ignore the adjustment-related causes of poverty and inequality. Thousands of organizations and hard-working people have invested their time, their insights and their trust in this lengthy process. They have explained how policy interventions from afar have affected the world in which they live and work. They have helped to present the evidence, as reflected in this report. They have every right to expect a meaningful response.

Trade Liberalization Policies and Their Impact on the Manufacturing Sector

I. Introduction

Trade liberalization, an integral element of the structural adjustment package espoused by the Bretton Woods institutions, is based on the neo-classical notion of high relative supply elasticities that elicit speedy and sizeable responses in investment and output under improved price incentives and free markets. The neo-liberals justify liberalization of trade on the premise that competition from imports leads to specialization and efficient allocation of resources while cleansing the economy of inefficient producers, thus removing the burden on society of sustaining such entities. With greater openness, small economies, it is argued, tend to have higher shares of trade in their gross national product (GNP) than do large countries and gain more than those nations that restrict trade. Furthermore, it is said, trade liberalization enhances the welfare of consumers and reduces poverty as consumers find opportunities to choose from a wide variety of quality goods and cheaper imports.

The trade-welfare nexus, however, is not automatic; rather it depends on factors such as the sequencing and phasing of liberalization, as well as built-in mechanisms for distributing such benefits. Critics of conventional wisdom contend that the world trading environment is grossly uneven and characterized by unequal exchange, transfer-pricing practices, manipulation of prices by monopolies, imperfect competition, etc. Under such circumstances trade liberalization, in the absence of policies and institutions to ensure equitable distribution, results in hardships and an increase in poverty.

It is with this backdrop of ongoing policy discourse that the World Bank adopted its trade- and industrial-policy reforms, derived from the neo-classical critique of import-competing industrialization.

This chapter seeks to summarize the information and analyses on the impact of trade liberalization contained in seven of the country assessments prepared under SAPRI and CASA. The seven SAPRI countries are **Bangladesh, Ecuador, Ghana, Zimbabwe** and **Hungary**, while **Mexico** and the **Philippines** are the CASA countries.

Trade-liberalization measures were launched in most of these countries during the mid- or late 1980s and continued through the early 1990s. In this context, the major analytical approach deployed in the country studies is “before and after” or “pre- and post-” comparison. Given the fundamental mandate of SAPRI, however, the studies have highlighted the concerns of the disadvantaged segments of society in these countries, whose voices are not usually heard at the policy level. All country research utilized a range of participatory techniques, including focus-group discussions and interviews to collect data from business and labor leaders, as well as workers and communities most affected by trade liberalization. In addition, a primary survey was carried out in **Ghana** to assess survival strategies of firms. In **Zimbabwe**, case studies were done in four different industrial sectors: woodwork and furniture; textile and clothing; crafts; and metal works.

This section provides a brief overview of key characteristics of the sample countries. *Section II* presents the design of the reforms, including the policy instruments utilized at the country level. Analyses of impacts of trade-policy reforms at the aggregate and sectoral levels are presented in *Section III*. *Section IV* contains discussions on the distributional impacts of these reforms. The paper ends with a few concluding observations in *Section V*.

The countries under study are diverse, ranging from upper-middle income to low income, posing a challenge to reaching general conclusions. Three countries -- **Bangladesh, Ghana** and **Zimbabwe** -- fall in the “low income” category, as classified by the World Bank, while the **Philippines** and **Ecuador** are “lower-middle income countries”, and **Mexico** and **Hungary** are “upper-middle income” (Table 1). As regards population, **Bangladesh** is the most populous nation and has the lowest per capita gross domestic product (GDP) amongst the seven sample countries. **Mexico** has the highest per capita income and merchandise exports and imports in absolute terms.

All the countries have one thing in common -- merchandise imports as a percentage of GDP are above their levels of exports. With regard to degree of openness (the ratio of the sum of exports and imports to GDP), at one extreme is **Hungary** (106.5 percent), as that country’s total volume of exports and imports was greater than the corresponding GDP in 1998. On the other end lies **Bangladesh**, where exports and imports together account for a quarter of its GDP.

Such a diverse set of sample countries implies that the initial conditions in the context of which trade liberalization was carried out were also significantly different. For example, in the case of **Hungary**, trade-liberalization measures were part of systemic changes, whereas in most of the other countries they were part of a package to address external disequilibrium (and partly internal crisis). It may be also noted that in some cases trade liberalization took place in connection with the concerned country -- the **Philippines, Mexico** and **Zimbabwe**, respectively -- joining the World Trade Organization (WTO), its predecessor, the General Agreement on Trade and Tariffs (GATT), or a regional trading bloc.

Table 1
SAPRI/CASA Countries: Profile by Selected Indicators

Country Classification by Level of Income		Population mln. 1999	GDP mln. US\$ 1999	GDP <i>per capita</i> US\$	Merchandise Exports		Merchandise Imports		Degree of Openness
					mln US\$ 1998	Exports as % of GDP	mln US\$ 1998	Imports as % of GDP	
A. Low Income	Bangladesh	128	45779	358	3831	8.96	6974	16.30	25.26
	Ghana	19	7606	400	1700	22.66	1850	24.66	47.33
	Zimbabwe	12	5716	476	2111	35.73	2772	46.92	82.65
B. Lower Middle Income	Philippines	77	75350	979	8068	12.39	31496	48.38	60.78
	Ecuador	12	18712	1559	4203	21.26	5576	28.21	49.47
C. Upper Middle Income	Hungary	10	48355	4836	22995	50.29	25705	56.22	106.51
	Mexico	97	474951	4896	40711	10.35	130811	33.27	43.62

Note: Bangladesh is the only Least Developed Country.
Source: *World Development Report 2001*, World Bank

II. Design of Trade Policy Reforms

2.1 Objectives of the Reforms

The major objectives presented at the outset of the process of trade- and industrial-policy reform in the SAPRI/CASA countries, in general, were: achievement of efficiency in the traded-goods sector; facilitation of the import of industrial inputs to encourage industrial production; provision of export credit; and encouragement of growth and diversification of non-traditional exports (Table 2). These objectives were to be achieved through pursuing strategies such as: rationalization of the import regime; reduction of customs duty rates and levels of effective protection; simplification of the tariff structure and removal of special tariff concessions and exemptions; liberalization of imports; and elimination of export subsidies.

Table 2
General Objectives of the Trade and Industrial Policy Reforms as Outlined in the Policy Framework Papers

Areas of Reform	Policy Objectives
Tariff Structure	<ul style="list-style-type: none"> ▪ Improvement of efficiency in trade and enhancement of gains from trade ▪ Reduction of disparities of effective protection to enhance efficiency in domestic production
Import Restrictions	<ul style="list-style-type: none"> ▪ Facilitation of import of raw materials, intermediate goods and capital goods to stimulate domestic industrial production
Export Promotion	<ul style="list-style-type: none"> ▪ Stimulation of growth and diversification of non-traditional exports ▪ Improvement in export finance ▪ Promotion of backward linkages
Exchange Rate Management	<ul style="list-style-type: none"> ▪ Strengthening of the balance-of-payments position ▪ Unification of dual exchange markets to reduce distortions
Investment Sanctioning	<ul style="list-style-type: none"> ▪ Liberalization and simplification of investment procedures to encourage greater flow of foreign investment

Source: Bhattacharya, D. and Titumir, *RAM* (2001)

2.2 Policy Design

The policies pursued to liberalize trade were not new, but the bundling of such policies in a package resulted from the adoption by developing countries of structural adjustment, a new macroeconomic approach of the 1980s that relied completely on market forces and private enterprise. ***The principal instrument of trade liberalization was and is the rationalization of the import regime***, which contains measures such as the elimination of import quotas, the reduction and unification of tariffs, and removal of special tariff concessions and exemptions. The World Bank reasons that tariff structures in developing countries require a massive restructuring with a view to removing an anti-export bias that, according to these institutions, discourages the development of an export-oriented economy. It is argued that the elimination of quotas and the reduction of the level of protection are intended to make the domestic economy and surviving firms more competitive in export markets, though the drastic lowering of protection has real costs in exposing local producers to fierce competition. ***The implementation of a flexible exchange-rate policy is another integral and complementary part of trade liberalization***, as frequent downward adjustments of national currencies maintain the competitive advantage of exports and discourage excessive imports.

Table 3 provides a summary of instruments that have been utilized to liberalize the trade regimes of the seven sample countries. The rest of this sub-section reviews these policy instruments and their pace of implementation at the country level.

2.2.1 Bangladesh

The government of Bangladesh adopted trade-policy reforms in 1986-87 under a three-year, medium-term adjustment program, though elements of the reform agenda started to appear in the World Bank-sponsored Import Programme Credits of the mid-1970s. Trade-policy reforms have included the elimination of quantitative restrictions, rationalization of the tariff structure, simplification of import procedures, exchange-rate liberalization and various measures to stimulate export growth.

The speed of liberalization in Bangladesh has appeared to be fast by South Asian standards. The numbers of the four-digit Harmonized System Codes subject to quantitative restrictions have been reduced from 478 in 1985 to 124 in 2000. There were 24 tariff slabs in the early 1980s, which were brought down to five. The number of banned items has been reduced from 135 in 1990 to only five at present. The maximum tariff rate has been dropped from 350 percent in 1991 to 37.5 percent in 2000. The tariff structure has been further compressed by reducing the number of end-user-based tariff concessions. The share of zero-rated items in total imports (excluding export-processing zones and the system of back-to-back Letters of Credit) has risen from 11 percent in 1992 to 33 percent in 1999, although it declined to 25 percent in 2000.

Table 3
SAPRI/CASA Countries: Scenario of Trade Liberalization

Country	Period	Instruments
Bangladesh	<ul style="list-style-type: none"> ▪ During 1972-86, the government contracted 13 Import Programme Credits with the World Bank. ▪ In 1986-87 the government adopted a medium-term adjustment program administered under a three-year arrangement of the Fund's Structural Adjustment Facility (SAF). ▪ An Extended Structural Adjustment Facility (ESAF) was in force during 1990-93. 	<ul style="list-style-type: none"> ▪ Rationalization of the import regime (e.g., elimination of quantitative restrictions) ▪ Reduction of duty rates of customs ▪ Reduction of levels of effective protection ▪ Simplification of the tariff structure ▪ Removal of special tariff concessions and exemptions ▪ Liberalization of imports ▪ Elimination of export subsidies
Ghana	<ul style="list-style-type: none"> ▪ Economic Recovery Programme (ERP), 1983 	<ul style="list-style-type: none"> ▪ Tariff adjustments ▪ Liberalization of imports ▪ Liberalization of the exchange rate ▪ Deregulation of controls on domestic market prices ▪ Institutional reforms of revenue-generating bodies, such as Customs and Excise
Philippines	<ul style="list-style-type: none"> ▪ In the 1980s, the Philippine government embarked on structural adjustment. ▪ A five-year Tariff Reform Program (TRP1) began in 1981. ▪ Another trade-liberalization program was implemented during 1986-89. ▪ Tariff Reform Program (TRP2) was launched in 1991 for five years. ▪ The third phase of the Tariff Reform Program began in 1996. 	<ul style="list-style-type: none"> ▪ Phased abolition of quantitative restrictions on import items and reduction of tariffs, from 100 percent to 50 percent ▪ Abolition of export tax ▪ Reduction of import restrictions, removal of import licensing requirements or outright import bans ▪ Introduction of anti-dumping and countervailing duty mechanisms
Hungary	<ul style="list-style-type: none"> ▪ The Hungarian Socialist Workers' Party decided to begin rapid import liberalization in July 1988 with the launch of a four-year program (January 1989 through 1992) to liberalize the nation's trading regime. 	<ul style="list-style-type: none"> ▪ Import liberalization ▪ Releasing state authority on trade activities to enable any competent enterprise to engage in foreign trade ▪ Transition from ruble to dollar accounting
Zimbabwe	<ul style="list-style-type: none"> ▪ Three phases of trade liberalization started in 1991 within the context of the Economic Structural Adjustment Programme (ESAP) of the Bretton Woods institutions. ▪ Further liberalization followed within the contexts of WTO, regional blocs and bilateral agreements. ▪ ESAP was succeeded by the Zimbabwe Programme for Economic and Social Transformation (ZIMPREST) from 1998-2000. 	<ul style="list-style-type: none"> ▪ Removal of export incentives ▪ Phasing out of the import -licensing regime ▪ Elimination of foreign-currency controls ▪ Reduction of tariffs to a band ranging from 0 to 30 percent ▪ Removal of surtax and raising of the minimum duty to 10 percent
Ecuador	<ul style="list-style-type: none"> ▪ In 1980 trade-liberalization policies were introduced. ▪ From 1990 to 1995, financial-liberalization policies were adopted through a package of economic, legal and institutional reforms aimed at either weakening or dismantling prior public regulations and controls. ▪ In 1990, labor-reform policy was undertaken. 	<ul style="list-style-type: none"> ▪ Devaluation of exchange rates in favor of export - related enterprises ▪ Reduction of tariff rates to eliminate the protection given to domestic enterprises ▪ Expanding the capital-account liberalization program ▪ Liberalization of labor policy
Mexico	<ul style="list-style-type: none"> ▪ The onset of unraveling of the state's functions as a direct producer and regulator of the economy took place in 1982. ▪ Entry into the GATT in 1987 and NAFTA in 1994 required implementation of a series of trade-liberalization measures. 	<ul style="list-style-type: none"> ▪ Import liberalization of basic goods ▪ Reduction of protectionist barriers

During the 1990s, direct export incentives were further strengthened. The Special Bonded Warehouse facility has been extended to all exporters and deemed exporters. The duty drawback facility allows exporters to get refunds of duties/taxes paid on imported inputs. The import of raw materials and capital machinery has been made duty-free for 100-percent export-oriented industries. Cash compensation of 25 percent of the freight-on-board value of exports is provided in lieu of the duty drawback and bonded warehouse facility. Exporters also enjoy income-tax rebates, tax holidays of five-to-seven years or accelerated depreciation allowances at the rate of 80-100 percent. The ceiling for foreign-currency retention by exporters has been increased to 40 percent. Export procedures have been simplified by allowing export without a letter of credit but on the basis of a purchase contract, agreement, purchase order or advance payment.

Trade liberalization has increased economic openness and reduced the anti-export bias. The economic openness index has risen from 19 percent in 1991 to about 35 percent in 1999. The un-weighted average customs-duty rate has been reduced from 88.6 percent in 1991 to 16.7 percent in 2000. The un-weighted average nominal-protection rate for all tradables has declined from about 87 percent to 24.7 percent during the above period. The average effective protection rate has come down from 75.7 percent in 1993 to 24.5 percent in 2000. The sharpest reduction in the un-weighted average tariff has occurred for capital goods (69 percent), followed by that for intermediate inputs (52 percent), consumer goods (48 percent) and primary commodities (48 percent). A similar trend is observed for weighted average tariffs.

2.2.2 The Philippines

Reversing its previous import-substitution strategy, the Philippine government moved to liberalize its trading regime in the 1980s. Trade liberalization was progressively pushed through in three phases.

The Marcos administration in 1981 began a major trade-reform program, known as the Tariff Reform Program (TRP1), with a five-year import-liberalization plan to reduce import restrictions and an indirect tax realignment scheme. All tariff rates were reduced to a range from 0-50 percent, which significantly brought down both the average nominal tariff and tariff dispersion across industries. The average nominal tariff fell from 42 percent in 1981 to 28 percent at the end of TRP1. This was part of the government's first structural adjustment program under the World Bank's structural adjustment loans SAL I and II, and a standby credit from the IMF.

The Aquino Administration undertook extensive import liberalization that continued and intensified the trade-reform process during 1986-89. The export tax on all products except logs was abolished. Import restrictions, mainly in the form of import-licensing requirements or an outright import ban, were reduced. The number of restricted import items as a percentage of the total number of lines in the Philippine Standard Commodity Classification was reduced from around 35 percent in 1985 to 7.5 percent in 1989. Tariff restrictions on 1,471 items were lifted during that period.

In 1990, the government attempted to carry out a new Trade Reform Program through Executive Order 413. A new tariff system was conceived that included the narrowing of the tariff range to 3-30 percent, elimination of specific duties and the simplification of the tariff nomenclature. However, an order was signed on 30 August 1990 suspending the implementation of EO 413.

Subsequently, the government launched a tariff-reform program in 1991 with the issuance of Executive Order 470, also called Trade Reform Program 2 (TRP2). Tariff rates were realigned over a five-year period. The restructuring involved narrowing the range of the tariff rate structure through a series of reductions in the number of commodity lines with high tariffs and an increase in the commodity lines with low tariffs, within the range of 10-30 percent, by 1995. Outside this range, there were 43 lines coming in at zero rate and 208 lines with 50-percent tariff. The duty-free items were mainly capital goods. Those with 50-percent tariff were mainly agricultural and industrial products covered by the Board of Investments local-content programs.

The Ramos Administration continued the trade-liberalization program consistent with its policy thrust of global competitiveness. The third phase of the Trade Reform Program was implemented with Executive Order 264. In 1993, several executive orders were issued to further liberalize the trade regime.

With the ratification in 1995 of the Uruguay Round of GATT, the Philippines committed itself to bind 2800 industrial and 744 agricultural tariff lines.

2.2.3 Zimbabwe

Since 1991, Zimbabwe has undertaken unilateral measures to liberalize its trade regime within the context of the Economic Structural Adjustment Programme (ESAP) with assistance from the World Bank and IMF. These measures were followed by further liberalization within the multilateral context (WTO) and the regional framework (Southern African Development Community, SADC, and the Common Market for Eastern and Southern Africa, COMESA), as well as at a bilateral level. Currently, Zimbabwe is in its second phase of trade liberalization within the Zimbabwe Programme for Economic and Social Transformation (ZIMPREST), the successor to ESAP, as well as the new WTO trade negotiations, the Lome Convention, SADC and COMESA.

The main objective of ESAP in the area of trade was liberalization, including the abolition of quantitative controls and the reduction and harmonization of tariffs and duties. Specific objectives of the trade-liberalization program have included: removal of export incentives; phasing out of the import-licensing regime; elimination of foreign-currency controls; reduction of tariffs to create a tariff band ranging from 0 to 30 percent; removal of surtaxes; raising the minimum duty to 10 percent; and achieving an export growth rate of nine percent a year over five years beginning in 1991.

The *first phase*, spanning 1991-93, began with the devaluation of the Zimbabwean dollar in August 1991, followed by continued depreciation of the currency. The *second phase* (1993-95) started with the placing of most goods on an Open General Import License (OGIL) and the removal of export incentives. All imports were placed on the OGIL except those that are regarded as strategic, such as fuels. The *third phase* in 1995 coincided with the implementation of commitments Zimbabwe had made within the framework of the WTO -- tariffs were significantly reduced and non-tariff barriers were converted into tariff equivalents, allowing the controls to move toward using only tariffs for protection. The foreign-exchange regime was further liberalized, leading to currency convertibility. Important export incentives that served as lifelines for some firms were removed, with the exception of the duty draw-back and export-financing schemes. The final phase of trade liberalization saw the implementation of the Export Processing Zones (EPZs) program. ZIMPREST sought to further deepen trade-liberalization measures adopted under ESAP.

During the ESAP period, Zimbabwe fully implemented the trade-policy liberalization component of the economic program. Since 1998, however, there has been a divergence between official policy and practice. Within ZIMPREST (1998-2000) and even the Millennium Economic Recovery Programme (MERP), the official position on trade has been further liberalization, yet in practice the government has taken several measures that indicate trade-policy reversals. These include the tariff-rationalization program of 1998, Zimbabwe's mid-loading of tariffs within the SADC trade protocol, the removal of several tariff exemptions, and the proposed re-introduction of price controls.

2.2.4 Ghana

In Ghana, trade-policy reform has been central to the adjustment process, which was activated in the context of economic crisis in the late 1970s and early 1980s. The reforms have included tariff adjustments, the liberalization of imports and foreign exchange, deregulation of domestic market prices, and controls and institutional reforms that particularly affected revenue-generating bodies such as Customs and Excise. Trade liberalization in Ghana was carried out in two phases. The first phase was effected under the Economic Recovery Programme I (ERP I, 1983-86), which was aimed at economic stabilization, while the second was implemented as part of the Economic Recovery Programme II (ERP II, 1986-91), which was geared toward consolidation and expansion.

2.2.5 Ecuador

Trade-liberalization policies were introduced in Ecuador at the beginning of the 1980s. Acting in response to global economic circumstances, as well as to domestic crisis, the government used exchange-rate policy through various devaluations to control imports and foster exports, particularly primary products from the agrarian sector. The sucre-dollar exchange rate increased 899 times from 1980 to 2000, at which time the economy was dollarized. Beginning in 1986, the government implemented measures to open the country's trade regime by lowering and partially unifying tariffs in order to

eliminate protection for some domestic economic activities and reducing the list of banned imports from 600 to 200.

Trade liberalization was accelerated in the first half of the 1990s. Measures were adopted to eliminate quantitative restrictions and dramatically reduce tariffs, decreasing the range of effective protection from a maximum of 75 percent to 35 percent, as well as to eliminate all existing surcharges. By 1994, a 0-20 percent tariff range was in effect (except for autos, which maintained a 37-percent tariff), with an average tariff rate of 11 percent.

At the same time as tariff reforms were implemented, measures aimed at deregulation dismantled non-tariff barriers in order to further open the trading system in preparation for the country's entry into the WTO. Various administrative procedures were simplified, lists of import exceptions were phased out and administrative requirements were eliminated for the import of agricultural products, machinery and other inputs. Export taxes on traditional products were eliminated, and port taxes were reduced by 25 percent, with each port then given the freedom to independently establish its rates.

In summary, by 1995, extensive reforms had been successfully put in place to liberalize the trade regime in Ecuador. Prior to 1990, average tariffs were greater than 40 percent, while non-tariff barriers were estimated to be more than 55 percent of products' value. Following the reforms, Ecuador was considered to have one of the most open trade regimes in Latin America.

2.2.6 Mexico

Trade liberalization began in Mexico in the mid-1980s with the reduction of protectionist barriers, particularly on basic goods, as a means of increasing supply and putting downward pressure on prices to control inflation. The process accelerated with the country's entry into GATT in 1987, when a series of measures were implemented that unleashed a flood of imports, which led to a trade deficit that reached nearly US\$4.7 billion in late 2000. The increase in imports displaced national production for the domestic market, as liberalization policies were not accompanied by industrial or credit policies to modernize production, level the playing field or otherwise provide support for the large number of micro, small and medium-scale enterprises that had made up a large part of the country's productive apparatus. The implementation of the North American Free Trade Agreement (NAFTA) the United States and Canada in 1994 has exacerbated this situation. The myth of Mexico as a growing exporter is unmasked by the fact that the vast majority of manufacturing inputs are imported, while only 15 percent of exports (oil and agrarian products) have a high level of national content.

2.2.7 Hungary

In Hungary, preliminary steps toward market orientation were taken before the political change that began in the late 1970s. Economic change accelerated with the reformist government that assumed power at the end of the 1980s, and rapid deregulation and liberalization took place during 1988-90. The trade-liberalization program in Hungary was undertaken as a part of the 1989-92 Four Year Program.

Hungary embarked upon the liberalization process with such speed that the World Bank itself, in its evaluation of the adjustment loan, SAL I, in June 1993, stated: "... in the area of trade liberalization, Hungary's speed of adjustment was comparable to that of countries which applied shock therapy (Czechoslovakia and Poland)." Hungary embarked on something unprecedented, both in the transition economies and in a wider international context, i.e., the exceptionally rapid elimination of quantitative restrictions on imports without the temporary enhancement of customs protection amidst a declining level of tariffs.

2.3 Summary

The foregoing review of the policy designs of trade liberalization in the seven sample countries clearly brings forth their standard features. Irrespective of their contextual diversities, *a "one size fits all" type of reform program was implemented in all the countries*. Secondly, although trade-liberalization measures were designed as a part of an overall policy package, they were the part of the package that was most expeditiously implemented in all the sample countries. Thirdly, none of the liberalization programs had any built-in provisions for compensation, i.e., they neither had any safety-net schemes nor any support mechanisms for the people who would potentially be affected by reform-induced policy shocks.

III. Macro and Sectoral Outcomes of Trade Policy Reforms

Keeping in mind the stated objectives of trade liberalization under Bank/Fund sponsored adjustment programs, the present section traces the outcomes of the reforms at the aggregate level in the following areas: (i) export growth and diversification; and (ii) growth in industrial capacity and competitiveness.

3.1 External Trade

The original stated goal of the trade-policy reforms had been to integrate developing economies into the world economy through pursuance of an export-led development strategy as opposed to the inward-looking one of the post-World War era. The policy reforms were carried out on the promise that the economies would benefit from dynamic efficiencies generated by free trade.

Although the studies showed that exports grew in most of the countries following trade liberalization, this *export growth was very narrowly based* on a few national resources and items produced with low-skill labor. *Moreover, export growth was underpinned by continued import growth and falling terms of trade. As a result, trade deficits as well as current-account deficits increased with a consequent adverse impact on the external debt situation.* Furthermore, trade liberalization was paralleled by a proliferation of informal trade, as well as by an increase in cross-border illegal trade. *Finally, in many countries the benefits of export growth went primarily to the multinational corporations at the cost of domestic producers.*

A number of constraints have been identified to explain the lack of export competitiveness of domestic manufacturing firms. They include: poor infrastructure; high transaction costs of entering the international market; lack of technical experience in competitive marketing; difficulties in obtaining export finance; restrictive policies occasioned by the business environment; and lack of capacity to take advantage of the trade regime of the WTO.

3.1.1 Export growth and GDP share

Trade-liberalization policies were supposedly aimed at expanding the growth rates of exports. In most of the sample countries, *export growth accelerated* during the post-liberalization period. Yet, while the share of total exports of the sample countries in GDP rose when compared to the pre-adjustment period, *the rate of increase was far from satisfactory and has not been able to put any dent in the trade deficits of these countries.*

In **Ecuador**, for example, the share of exports in GDP rose from 21.5 percent in 1980 to 25.8 percent in 1990. Yet, at the same time, the total value of exports fell from US\$2.52 billion in 1980 to US\$2.35 billion at the end of the decade, failing to meet an anticipated export growth. *The increase in exports' share of GDP can be accounted for more by an absolute fall of GDP* rather than by a better performance of the exporting sector in the 1980s. Participants at the SAPRI Opening National Forum explained that, while large exporters have depended on devaluation rather than improved productive capacity to enhance their competitiveness, much of this competitiveness has been lost to the taking of large profits.

Bangladesh had only limited integration with the world economy prior to adjustment, and exports accounted for just 7.4 percent of GDP. The period following adjustment reforms saw a modest increase in exports, with their overall contribution to GDP reaching only 9.7 percent.

As the **Zimbabwe** Opening National Forum participants stressed, domestic businesses have often been insufficiently prepared to compete in global markets when liberalization measures have been taken. The result in Zimbabwe has been the failure to generate the foreign currency anticipated and to stimulate the economy. Real GDP

growth during 1992-97, the period following trade liberalization, was 3.2 percent as compared with a rate of 5.3 percent in the period 1985-91, prior to the implementation of the structural adjustment program.

While overall performance of manufacturing exports has not been strong, some countries experienced a modest export growth in the post-adjustment period. In the **Philippines**, the share of exports in GDP was 23 percent in 1982 and grew to 52 percent in 1997, recording a much better supply response than other countries in the study.

3.1.2 Diversification

The disaggregated data on trade performance of the sample countries show either a high degree of concentration of a sub-sector or growth emanating from sub-sectors that already had established markets. It is, however, evident that *traditional sectors have not performed well at all*. More importantly, *a large segment of the leading manufacturing activities suffered significantly, provoking output contraction, retrenchment of employees and bankruptcy of enterprises*.

In **Ecuador**, a marked differentiation was observed in the exports of primary and manufactured products. In the 1980s, exports of manufactured goods declined more than 40 percent, from US\$626 million in 1980 to US\$367 million in 1990. *This drop in Ecuadoran manufactured exports, an important impact stemming from adjustment policies during the decade, occurred within a period in which the world trade of manufactured goods was growing at three times the pace of trade in primary products*. At the same time, Ecuadoran exports of primary commodities (i.e., bananas, cacao, etc.) grew at an annual average rate of 2.7 percent, increasing from US\$1.85 billion in 1980 to US\$2.34 billion in 1990. While other countries, including neighbors such as Colombia, were developing and strengthening their industry, Ecuador was concentrating on increasingly intensive exploitation of its natural resources. Instead of relieving the country's external debt burden, this pattern of trade had the opposite effect, as *the ratio of external debt to total exports rose* from 183 percent in 1980 to 490 percent in 1990.

In **Zimbabwe**, three major outcomes relating to manufacturing export performance emerged during the ESAP period. First, agro-processing emerged as a high-growth sub-sector from 1990-95, with dairy products recording 18.5 percent average growth, meat products 21 percent, grain foodstuffs 40.2 percent, other foodstuffs 11 percent and beverages 86.2 percent. This indicates the potential of Zimbabwe's agricultural base to generate export competitiveness in an open market economy and in the absence of serious externalities. Second, traditional and high-technology industries emerged as low-growth sub-sectors. The worst performers among traditional exports were: iron and steel, with 21 percent *negative* growth; ferro alloys, with 6.7 percent growth; textiles, with 7.3 percent growth; and clothing, with 11.2 percent growth. High-technology exports, such as machinery, electrical machinery and transport equipment, experienced slow growth, revealing the country's technological weaknesses. Finally, resource-based manufactured exports such as metal products, leather, hides, wood and

furniture responded positively to economic liberalization. Exceptional growth of 130 percent for jewelry exports is a result of the very low initial base.

In **Bangladesh**, the share of ready-made garments (woven, as well as knit) in total manufactured exports climbed from 54.6 percent in 1990/91 to 75.8 percent in 1997/98, indicating that export-oriented manufacturing activity over time was highly concentrated in the clothing-assembly sector. Thus, *Bangladesh's apparent success in export promotion remains a "single activity wonder" underpinned by the peculiar global textile trade regime* (i.e., because of the quota system of the Multi-Fiber Arrangement, due to expire in 2005).

Ghana's manufactured exports earned US\$3.5 million in 1986 and increased to US\$14.7 million in 1991. This tends to suggest that there was dynamic growth of manufacturing in a more competitive environment in which, as expected, there was a shift of resources from inefficient to efficient enterprises. However, disaggregated data show that the growth came mainly from domestic resource-based firms that already had established markets (the leading performers were the wood and aluminium companies that already had long experience in international trade). Available information from the Ghana Export Promotion Council relating to non-traditional exports shows that the absolute value of the exports involved were extremely small.

In the **Philippines**, the major winners in terms of growth rates and export share were electronic and electrical equipment and parts, as well as the machinery and transport equipment sector, which has a very high import content. Among the losers were garments, footwear, wood manufactures, baby carriages, toys, games and sporting goods, basketwork, wickerwork and other articles of plaiting materials, and miscellaneous manufactured articles. Garment exports dropped drastically, their share of exports falling from 21.7 percent of the total in 1990 to just eight percent in 1998, thus being replaced by machinery and equipment as the second top export earner. Meanwhile, the garments sector saw intensified competition from imported products from China and South and Southeast Asia in the domestic market.

3.1.3 Import growth and trade deficit

Imports have been robust during and after adjustment. *There has been a general trend of higher growth in imports vis-à-vis exports* in the sample countries. In **Ecuador**, for example, imports grew impressively from US\$1.6 billion in 1990 to US\$5.1 billion in 1998. In other words, imports grew at an annual average rate of 15 percent, which was significantly higher than the annual average rate of growth of exports (5.6 percent). The resulting deterioration in the trade balance emanating from trade liberalization, it was pointed out at the Opening National Forum in Quito, has intensified with the flood of Asian exports into the country.

Consequently, *there were causes for concern due to the mismatched export-import growth that negatively impacted the trade balance and created pressure on*

foreign-exchange reserves. In the **Philippines**, for example, the share of imports in GDP was 28 percent in 1982 and grew to 64 percent in 1997. *The share of the trade deficit in GDP rose* from nine percent to 12 percent in 1994. In **Bangladesh**, imports were 19 percent of the GDP for the entire two decades. In recent times, *import levels have been rising and have been drawing down the country's foreign-exchange reserves*.

3.1.4 Composition of imports

Regarding the composition of imports, it is worth highlighting that *imports of final goods and consumer goods are on the rise, while there has been a deceleration in the growth of imports of intermediate inputs and capital goods*. This result indicates a decline in domestic manufacturing sectors that tend to have a greater value added.

In **Ecuador**, imports of consumer goods increased from US\$229 million in 1990 to US\$1.3 billion in 1998, i.e., a six-fold increase. Imports of non-durable goods increased from US\$97 million in 1990 to US\$660 million in 1998. *These trends in imports are contrary to what the trade-liberalization program meant to bring about, namely, an improvement in the trade balance*. The data provided by the Superintendent of Companies of Ecuador show that *firms increased their imports of final goods -- excluding raw materials*. Thus, *the total value of these goods, which could easily have been produced locally if there were adequate conditions in support of domestic industry to do so, reached US\$2 billion in 1998*. For example, the total expenditure on imported consumer goods increased from US\$160 million in 1990 to US\$738 million in 1995 alone. In other words, *while the growth of exports hardly doubled between 1990 and 1995, imports of consumer goods quintupled*.

In **Bangladesh**, the drop in imports of capital goods and intermediate inputs relative to finished products indicates a reduced capacity and lack of investment in the industrial sector, particularly in medium and large-scale industry, given that the country is still dependent on imported machinery and equipment. The growth rate of capital goods imports in 1989/90 was 55.9 percent, while the average annual growth rate between 1990/91 and 1997/98 dropped to about 11 percent. Although the average annual growth rate of imports of intermediate inputs between 1990/91 and 1997/98 was nearly eight percent compared to 4.8 percent in 1989/90, this can be explained by an increase in capacity utilization in the export-enclave sector, primarily ready-made garment (RMG) producers. Thus, *the deceleration in the growth of imports of capital goods and decline in the share of imports of intermediate inputs in total imports indicate a drop in growth of domestic manufacturing, with the exception of garment-industry assembly plants that produce little value added*.

3.1.5 Balance of payments

In the sample countries, *export growth was outweighed by the expansion of imports, generating pressure on the balance-of-payments situation*.

In the **Philippines**, current-account deficits shot up during the 1993-96 period, approaching seven percent of GDP in 1997. Only the remittances of Filipino overseas workers and decreased foreign-debt interest payments stopped it from going higher. In **Mexico**, there was a deterioration in the trade deficit, which amounted to about US\$6 billion in 2000. During the mid-1980s, the current-account deficit of **Bangladesh** moved to nearly 10 percent of GDP, and, although it has since been declining on the average largely due to remittances by migrant workers, no clear patterns in the current-account balance can be observed.

3.1.6 Terms of trade

The aim of any trade strategy is to achieve terms of trade in favor of domestic producers. During the 1990s, **Bangladesh's terms of trade declined** compared to that of the pre-adjustment period. In fact in **Ecuador**, the terms of trade were falling steadily during most of the 1980s, shifting from 100 in 1980 to 15.7 in 1988. Afterwards, the terms-of-trade index improved slightly, increasing to 16.9 in 1989 and 17.8 in 1990. As a consequence of the deterioration of the terms of trade, ***Ecuador was compelled in 1990 to export five times the value of 1980 exports so as to obtain just as much revenue as that needed to cover the total volume of 1980 imports.***

3.2 Manufacturing Sector

The trade-policy reforms were based on the assumption that a regular supply of imported inputs at cheaper prices, together with competition from imports of finished products, would goad the manufacturing sector to move at a faster pace. The reforms were carried out on the premise that exposure of local firms to international competition would improve their efficiency and the quality of their products, all to the benefit of the consumer. To a large degree, trade-policy reforms, therefore, would be successful in placing the reforming countries and their firms on a path to global competitiveness. The Bretton Woods institutions claim that these reforms have contributed positively to export performance and enhancement of technology transfer.

It has been observed, however, in the SAPRI/CASA country experiences that, across the board, ***liberalization and the lack of sequencing of the trade reforms resulted in unnecessary damage to the local manufacturing sector.*** Fast and radical import liberalization was implemented at a time when local manufacturers were faced with ***severe supply-side constraints*** characterized by resource and management limitations. ***When these factors are combined with the exchange-rate losses suffered by many firms, together with the high cost of credit, local firms were unable to adjust to fierce external competition.*** As a result, it is observed that ***many local firms -- especially small and medium-size enterprises -- went out of business.***

Thus, against a backdrop of narrowly based export growth, the industrialization process has faltered in all the sample countries. Fluctuating and fractured industrial growth led to either a fall in, or stagnation of, the share of the sector in GDP. More

importantly, in most countries the phenomenon of *de-industrialization* was highly evident in the small and cottage sub-sector. Furthermore, a withering away of the import-competing industries was observed, while very few new areas for local manufacturing firms were visible. Exchange-rate depreciation was unable to contribute effectively to the export competitiveness of the industrial sector.

3.2.1 Manufacturing growth and share in GDP

Reflecting an *indifferent manufacturing growth* observed in the seven countries under review, the performance of the manufacturing sector has not been impressive in terms of its contribution to the respective national output.

In **Zimbabwe**, manufactured value added, which peaked in 1991, fell by 12 percent in the next seven years and was forecasted to decline further. The high interest rates and cost of foreign currency have penalized manufacturing. The manufacturing production index (1990 = 100) indicates *a decline in output of more than 20 percent since trade liberalization commenced. Manufacturing production has been the main victim of liberalization policies introduced in 1991.* During the 1990s manufacturing's share in GDP fell to less than 16 percent for the first time since 1960, compared to an average of 25 percent in the 1970s and 1980s. *The sector has stagnated since the introduction of ESAP and the relaxation of import controls.*

In contrast, in Bangladesh the average growth rate of the manufacturing sector between 1993 and 2000 has been 6.8 percent, compared to three percent during the 1980s. Yet the country's manufacturing growth rates experienced high fluctuation during the 1990s. For example, for the manufacturing sector as a whole, the growth rate fell from 8.6 percent in 1993 to 8.2 percent the following year, but then rose to 10.5 percent in 1995. Subsequently, *the growth rate shows a declining trend*, except for 1998 when it was 8.5 percent. Of particular concern are the low growth rates of 3.2 percent in 1999 and 4.3 percent (provisional) in 2000.

At the same time, *the share of total manufacturing output in GDP in Bangladesh increased only marginally*, from 13.8 percent in 1993 to 15.4 percent in 2000, at the average annual rate of only 0.2 percent. *From the point of view of structural transformation of the economy, this can hardly be considered as healthy or satisfactory.* When looking at large and medium-scale industries, it is found that their share in GDP has risen from 9.8 percent to 11.1 percent between 1993 and 2000, implying an average annual rate of increase of 0.18 percent. This can likewise hardly be viewed as dynamic performance. *The share of small and cottage industries in GDP has virtually stagnated*, rising from four percent in 1993 to 4.3 percent in 2000.

In **Ghana**, after the launch of the Economic Recovery Programme in 1983, the performance of the domestic manufacturing sector improved due to the availability of imported inputs. The real annual growth rate of manufacturing value added rose from 12.9 percent in 1984 to 24.3 percent in 1985, but then fell back to 11.0 percent in 1986

and 10.0 percent in 1987. Since 1987, when domestic manufacturing accounted for 9.4 percent of real GDP, *the domestic sector's performance has been rather unimpressive in terms of growth, share of real GDP and industrial output.*

3.2.2 Sectoral composition and scale of firms

Disaggregation of the manufacturing sector by activity category points to several fluctuating patterns in terms of size, spatial distribution and market orientation. Overall, *import liberalization reduced or wiped out certain domestic manufacturing activities and forced many small and medium-scale enterprises out of business.*

In **Zimbabwe**, the slowdown in manufacturing output was largely attributable to the weak performance of textiles, clothing, footwear, wood and furniture, paper, printing and publishing, and transport and equipment. *The textile industry has been particularly hard hit by the liberalization of trade and the consequent influx of cheap imports that have forced many small and medium-sized enterprises to reduce production, go out of business or switch from manufacturing to importing in order to survive.* Imported second-hand clothing flooded the local market at a time when wages were falling and consumers were forced to seek the cheapest products available, Opening National Forum participants explained. As locally manufactured textiles were pushed out of the domestic market, several clothing and textiles firms went under and employment and wages fell significantly. The Zimbabwe Congress of Trade Unions estimates that *over 15,000 people lost their jobs in this sub-sector from 1992 to 1997. Electronics manufacturers and workers suffered similar fates.* The Forum participants stressed that there should have been a serious assessment of the ability of Zimbabwean industry to compete before trade barriers were dropped, as well as a recognition of the crippling effect that the high-cost of borrowing would have on those firms that did try to upgrade their competitive capacity.

At the Opening National Forum in **Mexico** in 1998, it was estimated that *17,000 to 20,000 small businesses had been forced into bankruptcy as a result of trade and financial-sector liberalization*, dealing a severe blow to the country's productive apparatus. The precipitous removal of trade and investment barriers has caused many such Mexican enterprises to be displaced by foreign companies and the domestic content of finished goods to be reduced.

In **Hungary**, tens of thousands of small shops have lost their viability as suppliers, it was explained at the SAPRI Opening Forum in that country, with the *demise of much of the medium and small-sized enterprise sector at the hands of the country's rapidly paced open-trade policy.* Employing about 70 percent of all Hungarian workers, this sector has not had the time or support needed to develop the capacity to compete with the flood of cheap, high-quality imports.

In **Bangladesh**, the average growth of large and medium-scale industries during the 1990s has been seven percent, while the growth rate of small and cottage industries

has been 6.4 percent. These average growth rates may be somewhat misleading, however, as *a pattern of uneven and inconsistent growth is observed for large and medium-scale industries, as well as for small and cottage industries*. The growth rate of large and medium-scale industries declined from nine percent in 1993 to 8.3 percent in 1994, but then rose to 11.4 percent in 1995. Growth in the following years showed a somewhat declining trend, except for 1998; the growth rates in 1997, 1999 and 2000 were less than half that registered in 1993. For small and cottage industries, the growth rate increased consistently from 7.7 percent in 1993 to 8.3 percent in 1996, but then declined equally consistently to four percent in 2000, although it had plummeted to 0.8 percent in 1999 (due to floods).

At the same time, in Bangladesh *the share of import-substituting manufacturing output in total manufacturing output has rapidly declined over time*, as seen when this ratio is compared with the ratio of total manufacturing output to GDP -- since manufactured exports to GDP have risen from 5.2 per cent in 1990/91 to 11.7 per cent in 1997/98. Some major import-substituting industries -- such as cotton textiles, sugar and paper -- have experienced a regression in the 1990s. During the period 1991/92-1997/98, production of cotton textiles, sugar and paper shrank by 24.2 percent, 14.8 percent and 48.0 percent, respectively. The participants in the Opening National Forum *pointed to the country's rapid reduction of tariffs, which has opened a floodgate of imports from better-financed transnational corporations, as a principal reason for the country's inability to develop its indigenous industries*. At the same time, export-oriented manufacturing activity has become concentrated in the assembly of ready-made garments, whose share in total manufactured exports climbed from 54.6 percent in FY1991 to 75.8 percent in FY1998.

In **Ghana**, the firms that fared well were those with a strong local resource base (wood and beverages), cheap input sources (aluminum) and high, "natural" protection from transport costs (cement). Also included in this group were firms that the government considered core industries, which thereby benefited from public investment in upgrading equipment (the petroleum refinery).

3.2.3 Capacity utilization

The modest industrial (export) growth experienced by the SAPRI/CASA countries in the face of low investment flows to the sector has been largely achieved through improvement in the capacity utilization rate. Yet *increases in the capacity utilization rate have been marginal*.

In **Ghana**, *capacity utilization in the manufacturing sector increased* from a low level of 18 percent in 1984 to 40 percent in 1988 and then fell to 38 percent in 1989. *These levels, however, are still deemed unacceptably low*. Further growth in manufacturing activity requires more investment to refurbish and modernize run-down facilities. A significant proportion of production capacity had been run down to such an extent that it could no longer be used. *Yet the fiscal and monetary policies put in place*

have not been able to encourage the investment needed to revamp existing capacity, let alone fuel an expansion of capacity. Since such investment was slow to materialize, the rate of growth of manufacturing value added fell to 5.1 percent in 1988, 3.1 percent in 1989 and 2.5 percent in 1990.

In **Bangladesh**, the average annual growth rate of imports of capital machinery and parts during the period 1990/91 - 1997/98 was 11.2 percent, compared to a growth rate of 51.5 percent in 1989/90. The share of capital goods imports in total imports has dropped from 18.8 percent in 1992 to 14.9 percent in 2000. These figures seem to indicate that *while an increase in industrial capacity has occurred in the 1990s, this increase has not taken place in a sustained manner*, with the result that the share of capital goods imports in total imports has declined.

Concurrently, the average annual growth rate of imports of intermediate inputs in Bangladesh between 1990/91 and 1997/98 was nearly eight percent, compared to 4.8 percent in 1989/90. This indicates an increase in capacity utilization during the 1990s. On the other hand, the observed decline in the share of imports of intermediate inputs in total imports between 1991/92 and 1999/2000 seems to indicate that either (i) the rate of increase in manufacturing capacity utilization outside the export enclave (basically producing ready-made garments) has been lower than within the enclave, or (ii) intermediate goods produced by local industries have to some extent replaced their import. The first inference is in fact supported by the rapid increase in bonded imports of fabric by the RMG industry under the back-to-back Letters of Credit system and a large increase in imports by industries located in export-processing zones. The average annual growth rate of fabric imports within the export enclave between 1990/91 and 1997/98 has been 19.6 percent, with a clearly discernible upward trend.

3.2.4 Structural transformation

Trade liberalization seems to have unleashed a structural shift away from manufacturing in favor of the service sector. At the same time, local enterprises have found it difficult to enter new areas of specialization.

In **Ecuador**, the *service sector is in the process of replacing the production of goods at the margin.* The share of industrial firms in the total number of companies registered in the country decreased from 20.4 percent in 1985 to 11.6 percent in 1998. The share of construction companies decreased from 6.8 percent to 5 percent in the same period. On the other hand, the share of commercial, transport and communications, and service companies increased from 61.6 percent to 73.3 percent. The reduction in the share of industrial firms in the total number of companies does not imply *per se* a proportional drop in overall industrial production. Yet a decline in the sector's importance can be observed through its share in total national assets and sales. While the industrial sector owned 40 percent of total assets in 1985, it controlled only 24 percent in 1998. Industrial sales as a part of total sales declined from 40.4 percent to 31.4 percent in the same period, thus showing that *overall industrial production has in fact shrunk*

following liberalization. Opening National Forum participants said *the country had suffered a dramatic de-industrialization as a result of trade liberalization, which spurred cheap imports, and related adjustment measures* (see chapter on Financial Sector Liberalization).

In **Ghana** there is *hardly any sign of local enterprises entering new areas*, even within the category of local resource-based manufacturing for export. It had been anticipated that the natural cost advantage would stimulate local entrepreneurs to invest in this export sub-sector.

Impact of Trade Liberalization:

“It is necessary to prepare the economy and the society before making any policy change. By preparation I mean to make necessary changes in social conditions, working culture, technological preparedness, skilled workforce, access to capital markets, administrative and judicial reform, etc. Bangladesh has liberalized its trade regime without such preparation.”

-- An Entrepreneur

“Due to liberalization without preparing the industrial base in the country, many finished products are now coming into the local markets that our entrepreneurs can produce as well. As a result, many small industries (e.g., khadi of Comilla) are being wiped out from the market. Our producers can produce good quality biscuits. However, biscuits are being imported. Consequently, many of the local biscuit-producing industries are being forced to close down.”

-- An Entrepreneur

“As a small country, we should have been able to expand our export-oriented industries. But the government has not been able to provide necessary support for investment. The Ministry of Industry is not doing anything substantial for industrial development in the country. Government should have taken the initiative to popularize our indigenous products (e.g., organic food product like khoi-muri-chira-gur, etc.) in the international market, which didn't happen. As a result we are falling behind in export.”

-- An Entrepreneur

“Ours is the country of khoi-muri-chira. We can produce them cheaply and easily and have them fresh. However, we are importing corn flakes, which is not necessary at all.”

-- An Entrepreneur

“We are now unemployed. We have tried hard but nobody is willing to provide us with employment at this age. Even when they come to know that we were workers of a closed industry, then they think that we are not good workers. We also do not find any self-employment opportunity that we can carry on.”

-- A Worker of AB Biscuit Factory of Tongi

“My salary was Taka 2,000. I was able to bear the necessary expenditures of my children. In fact, I was able to manage two private tutors for my children. One of my daughters is a student of class ten and the other one is the student of class five. I have lost my job. Now I find it very difficult to send my daughters to school. I don't know what I should do now. I have tried my best to find another job but couldn't find any. I will probably have to stop sending my daughters to school. My husband is a low-paid worker. The wage he gets is not sufficient to maintain our family. So, I am now in a crisis after I have lost the job. Some of my old colleagues are even working as maidservant. Some of them are facing torture from their husbands. Families of some of them have also been broken down due to losing their jobs.”

-- A Female Worker

3.2.5 Ownership of the emerging sectors

A wide range of incentives is being provided to attract foreign investment in the sample countries, as a result of which *the relatively developed countries are witnessing a shift of ownership in the production sector in favor of multinational corporations.*

In **Hungary**, industrial output is recovering quickly due to the activity of multinationals, which are mainly in operation in the customs-free zones. The Hungarian economy can well be characterized by performance differences between the customs-free

Voices of the People of Bangladesh

“I was a laborer of AB Biscuit Industries of Tongi. The factory is now closed for last eight years. I am unemployed. I am not getting any other job and I do not find any self-employment opportunity to carry on. Now I cannot support educational expenses of my children. My elder daughter is a student of class VII. Her admission fee is Tk. 500 but I am unable to pay the fee. I could not send my only son to school. He is 11. He is now sent to a workshop to do something for the family. I am now in a sea of problems.”

-- A Female Worker of AB Biscuit Factory

“My husband tortured me physically after I had lost my job. He is unemployed. I have one child. I am now living in my brother’s house. I have invested the money that I received but the return is insufficient to maintain my family.”

-- A Female Worker of a Textile of Tongi

“In the competitive market, the entrepreneurs are less careful about the environment of the work place. There is no proper system of discharging industrial effluents in many industries. Workers have no voice in this regard as they are concerned to keep their employment sustained.”

-- A Labor Leader

“Hundreds and thousands of workers are now becoming unemployed due to closing down of both state-owned and private industries, but the government is virtually not doing anything for them. The workers who have lost their jobs are now living a sub-standard life. Many of them have been compelled to withdraw their children from schools. Their children have now become child labor, sex labor. They have become maidservants. They are now breaking the bricks on the streets. Should the government do anything for them?”

-- A Female Worker

“We can now have many foreign goods cheaply. But government should take care of our own industries as well.”

-- A Rural Consumer

“Female workers are also in worse situation with respect to using the money that they got at the time of retrenchment as compared with their male counterparts. Male workers could spend or invest that money on their own but the female workers had to give that money to their husbands. Many of them can’t even ask where and how that money was spent or invested. Some of their husbands have also fled away with that money, deserted them and married again with that money. Some of their husbands have left them saying that ‘I married her only because of her job, now she has lost her job, I don’t need her anymore’. How awful the situation can be for those who are the victims of such desertion.”

-- A Female Worker

and customs-zone enterprises. Companies in customs-free zones, which employ only two percent of the 2.1 million workers in the manufacturing sector, produce two fifths (43 percent in 1999) of the total exports.

In **Mexico** there has been displacement of domestic producers by the multinationals in export activities, as 70 percent of exporting enterprises are foreign-owned corporations.

3.2.6 Exchange-rate depreciation and competitiveness

Trade liberalization is expected to promote export growth by reducing policy-induced anti-export bias. An overvalued exchange rate discourages exports, however, and can frustrate the achievement of the goal of trade liberalization. In other words, an “appropriate” exchange-rate policy complements trade liberalization by enhancing export competitiveness, and at the same time it helps to contain import growth in the face of ongoing import liberalization.

Whether export growth is likely to be significantly stimulated by devaluation depends on the price elasticity of supply at home and the price elasticity of demand abroad for the export commodities. An estimation of the export-supply function linking export value with relative price and capacity output of the tradable sector as determinant variables in **Bangladesh** found statistically insignificant sensitivity of export supply to price, but significant strong sensitivity to capacity output. The estimate revealed a high sensitivity of demand of Bangladesh’s exports to the income growth of trade partners. The price elasticity of export demand was, however, found to be low, with a 10-percent decrease in export prices likely to raise demand abroad for Bangladesh’s exports by about five percent. Studies by other investigators report similar general findings about the supply-side constraints and relatively low price elasticity of demand for Bangladesh’s exports. Another recent study, however, found consistently high values of price elasticity of demand for Bangladesh’s exports. Overall, available evidence indicates that devaluation can increase exports of Bangladesh to some extent, provided supply-side constraints are addressed. The SAPRI study argues that devaluation should not, however, be relied upon to ensure competitiveness, as compensatory measures against inefficiencies elsewhere in the economy only delay removal of the inherent problem.

Meanwhile, **Ghana's** substantial realignment of nominal exchange rates, a critical component of the structural adjustment program, has not had a significant impact on export volume. The export response of Ghana's manufacturing sector apparently depended on factors additional to exchange rates.

IV. Distributional Impacts of Trade Policy Reforms

It is well known that all reform programs have their “winners” and “losers”. *A political-economy analysis of the impact of trade-liberalization measures under adjustment reveals that the most disadvantaged segments of society had to*

disproportionately share the burden of adjustment. It was evident that the employment growth occurring subsequent to trade liberalization was no match for the volumes of new entrants to the labor market. The marginal increase in employment was highly concentrated in the non-manufacturing sector, and within the manufacturing sector it largely flowed into the export-oriented industries, much of which depended on low-skill assembly plants. The loss of employment occurred mostly in the domestic market-oriented sector. Real wage rates declined as a rule, and informalization of labor became more pervasive.

4.1 Effects on Employment

4.1.1 General employment scenario

In the **Philippines**, the combined effect of the liberalized trade climate, an overvalued peso and capital liberalization has proven to work against labor. Overall, the number of employed persons in the formal sector has increased by less than six million per decade between 1980 and 2000, the period covering the process of trade liberalization. *This average of barely more than half a million jobs generated annually is way below what the economy must generate*, i.e., over a million jobs per year, to absorb an average of 700,000 new entrants to the labor force, over and above the existing jobless individuals. The Asian crisis reduced employment growth drastically in 1997 and 1998. Employment growth in the Philippines was a mere 112,000 in 1997, reaching 27.53 million from 27.42 million in 1996, followed by a further diminutive growth of 325,000 in 1998. It only bounced back again above the one million mark in 1999, adding 1.636 million workers for a total of 29.49 million in a country with a population of about 77 million. In 2000, however, the total number of employed persons plunged downward again, dropping by 1.314 million to 28.198 million.

The trends in employment and unemployment in **Bangladesh** indicate that the *labor force has grown at a faster rate than the creation of job opportunities following trade liberalization*. According to the Labor Force Survey (LFS), overall employment increased from 50.1 million in 1989 to 54.6 million in 1995/96, while the number of unemployed persons increased from 0.6 million to 1.4 million during the same period. Previously, in the post-independence period between 1974 and 1989, open unemployment had declined consistently from 8.68 to 118 percent. The observed *increase in open unemployment*, from 1.96 percent in 1990/91 and 2.50 percent in 1995/96, *has occurred during the period when the process of import liberalization was accelerated*. Furthermore, unemployment of women has increased at a faster rate than that of men.

In **Zimbabwe**, the rate of growth in employment decelerated from an annual average of 2.4 percent during the period 1985-90 to 1.5 percent during the period 1996-99. *The average rate of formal-sector employment growth under adjustment is half the rate of growth of the labor force*, implying that new jobs are not being created fast enough to absorb new entrants into the labor market. According to *Standard Chartered*

Bank Business Trends (September 1998), a total of 140,000 new jobs were created from 1990 through 1997, certainly far behind the level of new entrants into the labor market estimated under ZIMPREST to be 183,000 annually. Another data source, *Gemini Technical Reports* (1991 and 1994), indicates that some 196,000 jobs were created in the micro- and small-enterprise sector between 1991 and 1993 in both the formal and informal sectors. Without dwelling on the definitional overlaps of the above-mentioned two sets of figures, it may be concluded that ***the incremental new jobs were basically “low quality” jobs created largely in the informal sector.***

Apart from the pressure from new entrants, ***liberalization has had casualties among those who are already employed.*** In Zimbabwe, ***the first of these casualties were those engaged in firms that supplied the domestic market and were unprepared to face competition from abroad. Removal of protection saw the exit of such firms during the early phase of the economic-reform program.*** Particularly affected, as mentioned earlier, were the textile and clothing sectors, in which several large companies (e.g., Cone Textiles, Julie White), as well as small firms, were closed and over 20,000 employees laid off. The second category of the labor force that suffered was employees in firms that supplied overseas markets but were unable to do so when export-incentive schemes were eliminated by the reforms. The last casualties included workers retrenched as a result of privatization and civil-service rationalization. This final group received some compensation through the so-called social dimension fund that enabled a number of unemployed workers to start their own informal business operations.

In Ecuador, ***open unemployment in urban areas has increased.*** The jobless rate was six percent in 1990, nine percent in 1992, 10 percent in 1996, and 14.4 percent in 1999. ***The greatest increases in unemployment rates took place in the lower-income population groups.*** At the bottom quintile, which comprises the poorest population, unemployment rates shifted from 10 percent in 1989 to 15 percent in 1992 and from 17.7 percent in 1996 to 24 percent in 1999. At the higher end of the income-distribution scale, which comprises the top quintile, the average unemployment rate remained below five percent during the 1990s. Furthermore, with respect to the total number of unemployed people, the share of those who permanently lost their job is higher than the share of those who were unemployed for the first time. This pattern was particularly notable from 1991 onwards, which marked the beginning of “labor-market flexibilization” under Ecuador’s adjustment program.

Hungary remains an extreme case. The ***number of employed fell*** from 5.5 million to 4.0 million between 1989 and 1995, i.e., ***by 1.5 million***, and stabilized at about 37 percent of the total population and ***52 percent of people of working age.*** In the observed history of Hungary, including the years of crises, world wars and revolutions, at no time was the workforce reduced to such an extent. While in the previous 40 years unemployment was unknown, under liberalization formal unemployment increased at the national level to 13 percent and, in some regions, it reached about 17 percent. Employment opportunities are especially difficult to find for young people seeking their first job and for those over 40 or 50 years of age.

Experiences in other countries also show that there is a demographic attribute of the newly employed that favors young workers. As a result, *retrenched workers have had great difficulty obtaining new jobs*. In general, *although there were some routine increases in job creation in most of the SAPRI/CASA countries in the post-trade-liberalization period, the level of employment growth remained susceptible to both external and internal shocks*. It is also significant to note that *this employment increase bypassed the manufacturing sector*.

4.1.2 Sectoral distribution of employment: Loss in the manufacturing sector

In the **Philippines**, the rise in the share of employment of the commercial and service sectors is consistent with the course of the inflow of investment into real estate, financial institutions, wholesale and retail trade, and private services. Even though agricultural employment has increased in absolute terms, there has been a *declining share of agriculture in employment* throughout the 1990s, dropping from 45 to 40 percent of total employment. At the same time, there have been *only incremental and marginal increases in manufacturing's share* even during the relatively higher employment years of 1995, 1996 and 1999. It is apparent that the *liberalized trade climate did not have any significant impact on job creation*. Rather, *with the increased competition from cheaper imports, local industries that have been forced to shut down, streamline or cost-cut have added to the level of unemployment and underemployment*. Furthermore, as pointed out at the Opening National Forum in Manila, increased foreign control and freer mobility of industries have facilitated the movement of factories to other Asian countries where wages are lower. This, said the Forum participants, has helped fuel the growth of the informal sector and forced many skilled workers to migrate overseas.

The sectoral distribution of employment in **Bangladesh** shows that the *absolute level of employment has fallen sharply in the industrial sector* between 1989 and 1995/96. For industry as a whole, employment has declined from 7.8 million to 5.2 million, i.e., a fall of 33 percent. The contraction in employment has been sharper in the manufacturing sector, where employment shrunk from 7.0 million in 1989 to 4.1 million in 1995/96. As a result, the manufacturing sector's share of total employment was reduced from 14 percent to 7.5 percent during the above period. *This sharp reduction in employment in the manufacturing sector as a whole has occurred primarily in the small and cottage industries*, much of it in informal-sector industries in both urban and rural areas.

In **Zimbabwe**, most of the jobs created in the period 1990-97 were in large-scale agriculture (40 percent), followed by education (29 percent) and other service sectors (23 percent), reflecting a *lack of industrial development*. These statistics indicate that *liberalization brought some gains to workers in non-traditional agriculture, such as agro-processing and large-scale horticulture, as well as in the financial sector, at the expense of the industrial labor force*.

Out of the entire sample of the empirical survey conducted in **Ghana**, a marginal majority (51 percent) of the firms experienced an increase in job creation since the inception of the structural adjustment program. This increase in employment, however, occurred mostly in large-scale manufacturing firms. *Nearly two thirds of medium-sized firms experienced a decline in employment generation.* While these figures indicate the location of the new jobs, they do not say anything about the magnitude of the employment increase.

4.1.3 Informalization of Employment

In **Zimbabwe**, the formal sector has shown limited capacity to absorb new entrants who, unlike in the past, have good formal training and education. *Market-oriented economic reforms introduced in 1991 have been responsible for shrinking demand for labor, retrenchments and a fall in real wages for those who remained in the formal sector,* according to the UNDP's *Zimbabwe Human Development Report 1998.* *Contraction in formal-sector employment has resulted in the growth of an informal sector to absorb retrenched workers and new entrants into the job market, as well as to provide supplementary incomes for those who remain in formal employment, as their real incomes have been on a downward trend* for a long period. Women are supplementing declining real wages by selling food products and second-hand clothing through informal cross-border trade and by making clothes and crochet handicrafts.

Although the importance of the informal sector in creating employment in **Bangladesh** has declined slightly since the mid-1980s, the sector is estimated to have accounted for about 88 percent of total employment in the country in 1995/96. In sharp contrast, the share of the informal manufacturing sector in total manufacturing employment has fallen dramatically from nearly 82 percent in 1983/84 to only 4.6 percent in 1995/96. *Goods produced by informal industry have faced competition from imports as a result of liberalization, and many of these small enterprises -- including small engineering workshops, rural industries, bakeries and biscuit factories -- have been forced to close down due to the easy inflow of foreign goods.*

4.2 Effects on Consumers

In some cases, a positive feature of trade liberalization has been the increase in the availability of a wide variety of quality goods and services on the domestic market. In such a situation, the removal of restrictions to accessing consumer goods has meant that real prices of basic goods have remained relatively low due to intense competition between wholesalers and retailers, as well as between informal and formal firms and operators.

In other cases, however, import liberalization, coupled with the devaluation of national currencies, has led to higher prices in the face of stagnating purchasing power. For countries whose productive sectors are highly import-dependent, such as **Ecuador**, this has meant a rise in production costs, as well as an increase in inflation

levels, all of which leads in the long run to a loss of competitiveness. In **Ghana**, *trade liberalization and devaluation have*, according to the Opening National Forum participants, *combined to raise food prices*. In an environment of increasing layoffs and stagnating wages, this has hit the poor particularly hard. Food security among the poor has simultaneously been undermined by a decline in domestic food production caused by the increased devotion of land to export crops in response to devaluation and related measures. At the Forum in **Hungary**, it was pointed out that *the entry of foreign supermarkets with their cheap imported goods has reduced the national consumption of local products*, such as milk, that are of high quality in Hungary.

4.3 Gender Implications

Trade liberalization has also had a gender bias. The study in **Zimbabwe** found that *women have been the main victims of retrenchments* in the formal sector and, as a result, have been forced to stay home or engage in informal businesses in which incomes and other benefits are at a minimum. According to a survey conducted in **Ghana**, *over 50 percent of the female-owned firms suffered a contraction of production* during the period under review, *significantly more than their male counterparts*. It could be said that female-owned firms were more sensitive and vulnerable to the forces that brought about change in employment, production output and market size. In the agricultural sector, Ghanaian women, who produce 60 percent of the country's food, have suffered disproportionately from the flood of cheap imports and from other liberalization measures, according to the Opening Forum participants. They also expressed concern about the fate of rural manufacturing, particularly small-scale food processing, much of which is also done by women.

While the incremental employment gains observed in the export-oriented industries are usually highly feminized -- women hold 90 percent of the 1.7 million assembly-plant jobs in the apparel sector, for example, in **Bangladesh** -- *the vagaries of the market and adjustment-related labor-market reforms make employment in such industries extremely precarious*. A case in point is the **Philippines**, where the 1980s export boon in the garment sector, in which women comprise 75 percent of the workforce, gave way by the mid-1990s to a precipitous decline in foreign sales. By then, "labor flexibilization" measures allowing greater subcontracting of workers had reduced job security, as well as wages, benefits and working conditions, from the already low levels that have characterized this sector. A similar situation exists with the *maquila* sector in **Mexico**, which employs mostly women in low-paying, unskilled jobs with poor working conditions and no benefits or job security.

4.4 Income Inequality

Income inequality has been accentuated in almost all the sample countries in the post-adjustment period. The increase is possibly most stark in the case of **Hungary**, where the economic transformation that involved the liberalization of trade polarized society. A broader middle class did not develop, and *important segments of middle-*

income sectors that in the past enjoyed stable living conditions suffered setbacks. A large part of the population can be regarded as the losers in this transformation.

The proportion of the population living on less than the minimum necessary for subsistence in Hungary was about 15 percent in 1991, 22 percent in 1992, 25 percent in 1993, 32 percent in 1994, 30-35 percent in 1995 (based on a downwardly amended minimum level) and 35-40 percent in 1996. *A complete readjustment of income levels followed the political change in the country.* The difference in per capita income between the lowest and highest income brackets (the 10 percent of the population at each end of the scale) increased from 4-4.5 times before 1990 to 8-9 times in 1999. The steep growth of income in the highest 10-20 percent category was accompanied by the tragic impoverishment of the low-income sectors.

Ecuador is another case in which income inequality has worsened dramatically. The Gini coefficient (which measures the extent to which the distribution of income among individuals or households deviates from a perfectly equal distribution -- 0 being perfect equality and 1 being complete inequality) increased from 0.44, where it stood from the mid-1970s until 1988, to 0.57 in 2000. This indicator would be much worse if it were also able to take into account the concentration of assets and property rather than simply reported income.

V. Conclusion

The seven countries in which SAPRI and CASA assessments were done on the impact of trade liberalization, although diverse with regard to their income levels and economic conditions, have all experienced greater growth of imports, in terms of value of merchandise, than of exports. As a result, trade and current-account deficits have increased, causing higher levels of foreign debt. This situation has been exacerbated by declining terms of trade, which has meant that more exports have been required to purchase the same amount of imports. Furthermore, most export growth has been highly concentrated and typically based on a just a few resources and items produced with low-skilled labor.

Import liberalization has led to the failure of local enterprises and the destruction of domestic productive capacity. This has resulted in an employment loss in important sectors of local economies, thereby reducing the purchasing power of large segments of society and overriding presumed consumer benefits from the opening up of trade. Export-led growth has not become a driving force in the countries reviewed, while those gains registered from what growth there has been in exports have tended to be concentrated in few hands, exacerbating existing inequalities.

The failure to recognize the negative impacts of trade liberalization programs on significant sectors of society has made these programs economically inadequate, socially unacceptable and politically unviable, as well as technically inefficient. This failure is due in good part to a lack of meaningful participation of national stakeholders in the

articulation, design and implementation of economic policies, a point that was driven home at the Opening National Fora. Furthermore, absence of any feedback mechanism involving the affected constituencies largely deprived the programs of the ability to make any mid-course corrections and reduce their economic and social cost.

In sum, trade liberalization has had the following consequences in the countries studied:

- ***Trade liberalization, having been pushed through indiscriminately, has allowed import growth to surpass that of exports and destroyed the conditions necessary for the sustainable growth of domestic firms.*** At the same time, greater import growth and falling terms of trade have resulted in trade and current-account deficits that have worsened the external debt situation.
- ***Many local manufacturing firms, particularly innovative, small and medium-size ones that generate a great deal of employment, have been forced out of business.*** Leading manufacturing activities have suffered from indiscriminate import liberalization, provoking a reduction in output, bankruptcy of enterprises and loss of employment. While import-competing industries have tended to disappear, very few new areas for local manufacturing firms have replaced them. ***The decline in domestic manufacturing has followed the flooding of local markets with cheap imports that have displaced local production and goods. The situation has been exacerbated by the absence of an industrial policy to support domestic firms*** in dealing with new conditions or with shocks in international markets.
- ***Exchange-rate depreciation, unable to contribute effectively to the export competitiveness of domestic industries for which it was intended, has increased the price of imported inputs and raised production costs, which particularly hurt manufacturing firms producing for the domestic market.*** Lack of access to affordable credit and to technology transfer, as well as depressed demand resulting from loss of employment and a fall in wages, have also contributed to the devastation of local industry.
- ***Export growth has been concentrated in a few activities that do not create links to the local economy and has typically been very narrowly based on a few resources and items produced with low-skilled labor.*** Many traditional manufacturing sectors have been unable to compete in a liberalized market. Furthermore, in many countries the benefits of export growth have gone primarily to transnational corporations at the expense of domestic producers.
- ***The most disadvantaged segments of society have had to disproportionately share the burden of adjustment.*** Employment growth occurring subsequent to trade liberalization has been no match for the volumes of new entrants to the labor market. The limited employment that has been generated is highly concentrated

in export enclaves or in similarly low-wage services. Employment losses have occurred mostly in the domestic market-oriented sector. Overall, real wage rates have tended to decline, income inequality has increased, and job insecurity and “informalization” have become more pervasive.

- ***Lack of meaningful participation of national stakeholders*** in the articulation, design and implementation of trade policies ***has rendered these measures technically inefficient and socially costly.***

In light of these findings, several initial recommendations can be made. An industrial policy should be in place to address the structural constraints causing inefficiency and enhance the competitiveness of domestic enterprises before undertaking any further opening of a country’s trade regime. Trade-reform measures should take into account the conditions of domestic producers and should be paced and sequenced in order to create a level playing field that will help to stimulate local production and ensure that domestic enterprises can face competition from foreign goods. Industrial inefficiency should not be solved by killing industries through imports. Rather, efficiency-enhancing measures should be adopted to enable industries to confront import competition successfully.

In each country, certain industries and sectors of the economy are an important source of employment and play a key role in domestic development, particularly for poor and middle-income segments of society. Trade policy should support a country’s strategic sectors and employment-generating industries, serving to build a strong industrial sector that can provide the base for economic development. Trade reform should be nuanced rather than indiscriminate. Finally, future reform processes should be designed by governments with the participation of a wide range of sectors and population groups to ensure that policies are consistent with national development aspirations.

Financial Sector Liberalization, Effects on Production and the Small Enterprise Sector

I. Introduction

Financial-sector liberalization was an integral part of the structural adjustment and economic stabilization programs in four of the SAPRI countries under study, namely, **Bangladesh, Ecuador, El Salvador** and **Zimbabwe**. There are a number of similarities among these countries in terms of both their rationale for embarking on the reforms and the processes and instruments utilized to achieve adjustment goals. Although the magnitude of the impact of the reforms has varied, there has also been much similarity in the nature of that impact.

Concerns about financial-sector inefficiencies, the failure of some of the sectoral policies that had been in place, and the desire of international and national financial interests to wrest control of the sector from the state were major motivations behind the shift toward a more market-based approach to management of the sector in these countries. In **Bangladesh** and **El Salvador**, where the role of the state was very extensive prior to reforms, banks were reported to be near collapse and reforms were implemented in an effort to rescue the system from bankruptcy. In **Zimbabwe**, on the other hand, state control of the sector was more limited, but government policies had nonetheless created problems of inefficiency in the allocation of resources. In **Ecuador**, liberalization was expected to increase savings and foreign investment in order to reactivate the economy.

In terms of reaching out to the economically disadvantaged, pre-reform financial systems were not achieving this goal. In all four countries, however, *the evidence indicates that subsequent financial reforms have also failed to work for the poor and other economically disadvantaged groups and that, on the contrary, these groups have been further marginalized from the credit and financial system* through market forces of exclusion.

II. Background and Process of Financial Sector Liberalization

Financial-sector liberalization, part of the package of economic stabilization and adjustment measures, was in many ways similar in the four cases studied. All the country programs were characterized by a shift from state control of the sector toward a market-driven system. *Interest rates were liberalized, entry barriers and ceilings on credit were removed, and measures to improve supervision of the sector were partially adopted.*

In **Bangladesh**, financial-sector reform was a core element of the structural adjustment package. *The sector reforms were backed by a number of adjustment credits* and a large-scale technical assistance program. With the nation's independence, the government had nationalized and reorganized all financial institutions with the exception of a few foreign bank branches. After 1976, as policy related to the role of the private sector changed, the government decided to denationalize and privatize its banking institutions in order to generate competition and improve the level of operational efficiency of the sector.

The financial-sector reform measures in Bangladesh were much more comprehensive than in the other three countries. Notably influenced by an overriding concern to improve the performance of banks that were experiencing difficulties, these measures included: (i) market determination of interest rates; (ii) an end to directed lending to priority sectors; (iii) strategies to improve performance by setting overall recovery targets for state banks; (iv) introduction of legal and administrative changes to help enforce action against defaulters; (v) strengthening of rural credit institutions; (vi) strengthening of bank supervision; and (vii) improvement in the loan-classification system to identify non-performing assets and provide adequate provisioning for bank lending operations.

Prior to the introduction of structural reforms in **El Salvador** in the 1990s, the financial sector was heavily controlled by the state. The banks had been nationalized in 1980 in the context of a civil war in order to avoid a total collapse of the financial system. Interest rates were fixed by the government, credit ceilings were established to ensure that certain levels of resources were channeled to specific sectors, and there were restrictions as to who could carry out banking business. The sector was segmented, with the different forms of financial institutions being confined to providing specific types of banking services.

Despite government support to the financial sector, the economy's poor performance deepened the lack of confidence in the Salvadoran banking system, resulting in capital flight out of the country. This situation provided justification for the re-privatization of the banks in 1990-1991, as it was argued that private intermediaries would guarantee greater efficiency and competitiveness.

To the contrary, however, *the country's most conservative businessmen used their political influence and economic power to manipulate the financial-sector reform process to serve their own interests, taking particular advantage of the deficiencies in the legal*

and regulatory mechanisms. For example, in order to privatize the banks, the government was forced to assume financial responsibility for all bad debts through the creation of the Fund for Financial Restructuring and Strengthening (FOSAFI). The privatization process was supposed to democratize the ownership of assets through the sale of bank stocks to a large quantity of new stockholders, including bank workers and small investors. *Yet the process was manipulated by the country's elite to regain control of the majority of financial assets, while taxpayers footed the bill for the bad debt.*

Other modifications undertaken in the sector during the first half of the 1990s in El Salvador included the redefinition of the role played by the state development banks and the creation of the Multisectoral Investment Bank (BMI) -- a second-tier state institution whose stated mission was to promote growth in all the productive sectors, foment the development of small and medium-scale enterprises and generate employment.

In **Zimbabwe**, *financial-sector liberalization was an integral part of the Economic Structural Adjustment Programme*, which was introduced by the government in 1991 to restructure the economy along more market-oriented lines. A set of laws was established to create new money-market instruments and financial services, set effective prudential norms for financial institutions and eliminate credit-market segmentation supervisory mechanisms. A gradual approach was adopted to increase the levels of competitiveness and efficiency by allowing a limited number of new domestic and foreign entrants into the financial sector. The development of a stock-market exchange was accompanied by the creation of a Security Exchange Commission, a regulatory body that was intended to monitor trading operations. Deposit and lending rates were deregulated and credit controls were removed. The capital market was opened to foreign participation, barriers to entry into the money and financial markets were eliminated and foreign-exchange controls were relaxed to allow banks greater freedom in the control and use of foreign currency. Finally, there was a reduction in the prescribed asset ratios of insurance companies and pension funds from 60 to 55 percent.

In **Ecuador**, between 1990 and 1995, the government implemented financial-liberalization policies through a package of economic, legal and institutional reforms. The structure of the financial system was recast and its regulations and oversight mechanisms were modified according to the economic wisdom prevailing at that time, with the aim of allowing market forces to allocate the country's scarce resources. Among other measures, the government proceeded to expand capital-account liberalization gradually, which was expected to both foster capital inflows and help national businesses obtain higher profits from their offshore investments.

From the beginning of the liberalization process, deposits in the Ecuadoran financial system were increasingly short-term and made in dollars. By the time the extraordinary growth of short-term deposits ended in 1996, there had been a severe process of divestment from productive activities. *Ecuadoran society's scarce capital was diverted from productive*

sectors, such as agriculture and industry, in search of higher rates of return achievable through interest rates. These resources could have been used for enhancing national production and, thereby, for generating more and better quality employment opportunities.

With symptoms of financial crisis evident by 1996, a new series of reforms was undertaken to bolster the earlier measures. These included the creation of a deposit insurance agency in 1998, which, with the collapse of the banking system beginning in 1999, channeled public funds to bail out the private banks that failed as a result of irresponsible and corrupt lending practices under liberalization.

III. Impact of Financial Sector Reforms

3.1. Change in the Role of the State

In all the countries studied, *financial-sector liberalization has been understood as a process of weakening or dismantling prior public regulations and controls.* The implementation of measures aimed at either authorizing interest-rate liberalization or expanding capital-account liberalization has led to several negative, lasting consequences.

The reformed institutional framework created through structural adjustment policies to regulate the sector has been shown to be incapable of effective oversight of private financial intermediaries. Following deregulation, governments have not succeeded in instituting a minimum set of adequate regulatory procedures aimed at either correcting market failures or curbing private speculative behavior. Besides fostering different sorts of financial crises, the lack of adequate public controls has enhanced the financial sector's inefficiencies.

At the same time, *the removal of government controls has further weakened the state as an institution,* while strengthening, both politically and economically, a small group of private interests in the countries reviewed that are not prone to comply with the authority of the state. After two decades of structural adjustment, governments do not have enough authority and legitimacy to even pursue complementary and corrective reforms.

Financial deregulation has allowed private elites to consolidate financial assets in a few private hands. As a result, banking systems show no interest in promoting the development of a country's diverse productive sectors, much less satisfying the needs of small and medium-scale enterprises (SMEs). Due to its lack of resources, the state cannot attend to these producers either. As a result, *development banking practically does not exist* in the sample countries.

El Salvador is a clear case of a small group of private interests benefiting from non-competitive practices that were enabled as a result of financial-sector reform. After the privatization of the banking system was completed, *the financial system came under clear oligopolistic control*. Currently, only five banks control the lion's share of the financial market. Furthermore, *the dismantling of the development banks has occurred without alternatives being created for those sectors they served*. The Multisectoral Investment Bank was established in 1994 to promote the growth of productive sectors, but it has functioned with highly questionable lending criteria that significantly favor commercial banks and their limited group of large clients. *Rural and small-scale businesses, in particular, have been particularly hurt by this situation*. Participants at the SAPRI Opening National Forum thus called for the resumption of development banking, as well as special government programs, to foster the growth of small and micro enterprises, including start-up and women-owned companies, and to ensure diversification of the economy.

In **Bangladesh**, the large amounts of non-performing assets and the continued non-compliance of provisioning and capital requirements of the banks indicate the *Central Bank's inability to enforce effective supervision*. The new legal system also has not proved to be effective in recovering money from loan defaulters. In **Zimbabwe**, the *absence of an effective regulatory and supervisory framework allowed for influence peddling and inefficiency in the newly deregulated banking sector*. New banks appeared to be licensed on the basis of political patronage, and there was wide speculation that the collapse of the United Merchant Bank in 1996 was due to "connected" lending practices and mismanagement that led to massive defaults. This undermined confidence in the banking system.

In **Ecuador**, the legal framework created as a part of financial-sector liberalization in the period 1990-95 led to a full-scale financial crisis in 1999, the consequences of which the government was unable to control. Instead of promoting a more stable macroeconomic environment, *liberalization policies pushed the Ecuadoran economy into a severe recession*. In 1996, within a year of the completion of the reforms, one of the country's largest banks folded. Since then, the Ecuadoran financial sector has been moving from one crisis to another. Assessed in terms of the initial objectives of the structural adjustment policies, the results of financial liberalization have been negative. *The Ecuadoran state has been unable to regulate the financial sector effectively and was forced to assume the costs of the 1999 financial crisis that resulted*. When taking into account both explicit and implicit financial costs, *over US\$7 billion in public funds had been spent by early 2001 to bail out the banking system*, 75 percent of which had to be put under state control. In July 2001, the Ecuadoran financial system was once again on the verge of collapse after one of the largest banks taken over by the state following the most recent crisis folded and another was teetering down the same path.

3.2 Efficiency

Structural adjustment reforms were supposedly designed to lower the cost of credit by enhancing the financial system's efficiency. The evidence, however, shows that this has not been the case.

In **Bangladesh**, with the spread between lending and deposit rates being an indicator of financial efficiency, SAPRI researchers found that *the margin of financial intermediaries has widened* in the post-reform period. The efficiency of credit allocation in terms of the advance-deposit ratio of all banks was reported to have declined from 0.91 in 1990 to 0.82 in 1998; the advance-deposit ratio after adjusting for reserves indicates the same trend. The loan-output ratio, which is another indicator of the efficiency of credit allocation, further substantiates the argument that there has been inefficient allocation of resources. From 1987 to 1998, this ratio corresponding only to agricultural lending fell from 0.677 to 0.428.

In the Latin American cases, the spread between interest rates for borrowing and savings has also been widening. In **El Salvador**, during the years following the privatization of the state-owned banks, the reference borrowing rates corresponding to short-term loans experienced monthly increases and reached a high of 20.2 percent in 1996. In recent years, the spread has stabilized, showing an average margin differential of 4.5 percentage points. Nevertheless, the interest rates available in El Salvador remain significantly higher than those prevailing in the U.S. market. This indicates that the Salvadoran state *has favored speculative over productive investment*.

In **Ecuador**, the high margins of financial intermediaries have been quite evident. As one of the consequences of these spreads, 17,352 legally registered firms transferred nearly US\$722 million to the private financial system in 1996. This amount, which was paid in interest and commissions for previous loans, was greater than all the labor costs that these companies had incurred during the same period and more than five times the income-tax revenue they paid to the Ecuadoran state. In fact, *the amount of funds transferred from productive enterprises to the financial system over the last decade plus the amount of public funds used to bail out the banking system is approximately equal to the country's total foreign-debt burden*.

3.3 Concentration of Credit: Pattern of Allocation

As indicated earlier, financial-sector reforms have been based in part on the idea that liberalization of financial systems would increase efficiency within national economies. More specifically, it was assumed by some that the introduction of market forces would create financial markets capable of efficiently allocating capital by mobilizing savings with a minimum waste of social resources. In reality, however, the processes observed in the sample countries depict a quite different situation.

Broadly speaking, *financial liberalization has reinforced patterns of economic growth that are based on strengthening non-competitive practices. Oligopolistic practices have not only been preserved but also enhanced by the side effects of financial liberalization, the most important of which are speculative behavior and non-productive borrowing.*

This has been accompanied by the increasing concentration of financial and non-financial assets, both sectorally as well as regionally. Instead of helping those producers who really need capital for maintaining or expanding their operations, financial intermediaries have preferred to work with the largest firms -- those usually located in wealthy urban areas. In particular, *the type of resource allocation fostered by financial liberalization has exacerbated the structural conditions for the reproduction of rural economies.*

During the post-reform period in **Bangladesh**, for example, *more than 70 percent of the total available funds in the banking sector was directed toward one percent of borrowers.* The bottom 95 percent of borrowers received only one-seventh of the total available funds. In **Ecuador**, *63 percent of loans have been monopolized by only one percent of the financial system's clients* since 1995. In **El Salvador**, where one of the stated purposes of the bank privatization process was the democratization of participation by stakeholders, privatization in fact permitted greater concentration of banking assets in the traditionally most powerful families.

Financial-sector liberalization has made a major contribution to the growth of non-productive activities. In **Ecuador** between 1987 and 1999, nearly 34 percent of loans granted by the banking system was extended to the commerce and service sectors. Another 28 percent of total loans was destined for consumption. With regard to the placement of credit in **El Salvador**, between 1992 and 1997 the sectors that showed the greatest growth were commerce (253 percent) and services (739 percent). In **Bangladesh**, an analysis of the sectoral distribution of credit advances from 1990 to 1998 indicates that no improved allocation of resources in favor of productive sectors has occurred in the post-reform period.

In addition to increasing the concentration of loans in few economic agents, *liberalization policies have encouraged a regional concentration of credit, a process which particularly affects small and medium-size farming economies located in a country's less developed regions.* In **Ecuador**, about 90 percent of loans have been made to clients in two geographic regions where the most wealthy and powerful elite reside. Small and medium-scale firms located outside these regions had little or no real opportunity to access loans. While the share of rural deposits in **Bangladesh** increased since the 1980s, the net flow of agricultural credit was negative, indicating that rural capital was actually transferred to urban areas. In **El Salvador**, the regional concentration of credit was indirectly ascertained through an analysis of the structure of deposits.

The research showed that four of the 14 departments of the country held 91 percent of the total checking accounts. Furthermore, credit lines provided by the Multisectoral Investment Bank are directed in large part toward the development of free-trade zones.

3.4 Distributive Effects: Lack of Access to Affordable Credit by SMEs

As a consequence of financial-sector liberalization and the resulting concentration of loans, *access to affordable credit by small and medium-scale enterprises has worsened*. This has weakened the conditions for the survival and development of SMEs, which are an important source of employment generation in the countries studied. The high cost and short repayment period of loans and a series of obstacles to qualify for financing, in addition to the relative paucity of financial assets directed to meet the needs of this sector, were found to have limited access by SMEs to much needed funds.

The difficulties faced by small and medium-scale producers are related to the entire functioning of the formal financial system, which is based on standard procedures not capable of coping with the diversity of economic situations and agents. *With interest rates high, with the lending policies of private financial intermediaries characterized by short-term preferences, and with the largest share of the credits provided by these institutions concentrated among few, powerful economic agents, SMEs have experienced increasing difficulties in obtaining credit, particularly long-term loans*. The package of liberalization policies has restructured national productive systems in such a way that *long-term, non-export-oriented activities are becoming increasingly unfeasible*.

Since the financial-sector liberalization process began in **Ecuador**, *SMEs have been forced to pay such high interest rates that their profits have been wiped out*. At the workshops carried out with small and medium-scale business owners from different cultural and economic backgrounds, most producers indicated that they were afraid of acquiring debts within the formal financial system. In addition, with interest rates as high as 70 percent engendering a great deal of speculation, *there is little credit available to SMEs for productive investment*. The lack of credit for SMEs can be seen by the fact that after financial-sector reforms were introduced not only did the number of loans greater than US\$8,000 increase the most, but the average amount of such loans rose from US\$17,600 in 1994 to US\$90,000 in 1999. Furthermore, 95 percent of loans between 1995 and 1999 had a maturity of less than one year, while only five percent of the total loans provided by the financial system had maturities ranging from one to five years, making business development virtually impossible. As a result, *almost 4,600 firms were dissolved or liquidated from 1990 to 1996*. This pattern has continued, and *over 2,000 small-scale producers went out of business in 1999 alone, contributing to the devastation of national production and the de-industrialization of the country*.

In **El Salvador**, the situation is quite similar. For several years following the privatization of the banking system, the reference interest rate on loans of up to a one-year term experienced a monthly increase, rising by nearly 50 percent to 20.2 percent in 1996, before declining somewhat and stabilizing, although still at a higher rate than prior to reforms. Furthermore, the Opening National Forum participants pointed out, banks are charging higher commissions when they approve loans, special rates on overdue loans, and interest on top of interest. ***In addition to high interest rates***, and these attendant charges, according to an analysis of the experiences of community-based groups in accessing credit, ***the primary obstacle to accessing formal-sector credit is the imposition of restrictive requirements*** that are not in tune with the particularities of the diverse sectors that need credit (e.g., type of ownership, working capital needs, means of commercialization). Since structural adjustment policies were introduced, it was explained at the Forum, more collateral has been required to receive credit and some assets are no longer accepted by banks as collateral. Such is the case with the purchase contracts of artisans. Overall, only 23.3 percent of the total loan portfolio of the banking system was directed toward micro, small and medium-scale enterprises.

In a survey carried out by researchers in **Bangladesh**, 76.9 percent of ***rural producers pointed to the bankers' rent-seeking behavior, expressed through high interest rates, as the major reason why they, the producers, do not seek loans***. In speaking of other causes for not pursuing credit, 53.7 percent of non-borrowers mentioned their inability to fulfill loan requirements, 44.05 percent mentioned the time-consuming process of borrowing as an important reason, and 32.74 percent of respondents complained of complex loan procedures. Specific difficulties include excessive collateral requirements, delays in processing loan applications, expectations of bribes and even harassment by bank officials. As a result, producers have been forced to obtain financial resources through non-formal means, such as moneylenders, at even higher interest rates.

Small businesses are numerous in Bangladesh and form a large majority of firms in the domestic market. It is estimated that there are 523,000 small industrial enterprises in the country employing about 2.3 million people, or about 82 percent of the total industrial labor force. As a result of financial-sector reforms, directed lending to the small- and cottage-industry sector, which accounted for about seven percent of the banks' total demand and staff time, was eliminated. ***Of the 59.6 percent of these small businesses that now regularly seek finance for their working-capital needs from banks, only half actually succeed in obtaining loans***. Many rely on trade credit, available at a much higher rate of interest than that provided by banks. Between 1987 and 1998, the loan-output ratio for small industry declined from 0.859 to 0.398.

In **Zimbabwe**, ***interest rates rose*** following the implementation of adjustment policies and remained high throughout the 1990s, increasing five fold to nearly 50 percent by the late 1990s and ***diverting investment from productive to speculative activities*** where returns have been 33-37 percent. ***The high interest rates increased systemic risk in the financial sector and created***

the greatest difficulties for SMEs and the poor generally in accessing credit. While even larger businesses cannot afford these rates, Opening National Forum participants explained that they can at least re-invest earnings from previous years. It is small businesses, especially those in the informal sector that desperately need start-up capital, that are most affected.

According to a 1993 survey, the proportion of SMEs in Zimbabwe's manufacturing sector had declined from a high of almost 70 percent in 1991, as the number of enterprises involved in commerce increased. At the same time, only 0.7 percent of these producers were receiving credit from a formal lending institution. Those in rural areas have been the most disadvantaged, in part because of the cost of travel to the institution where loans must be processed. Although a few banks set up small-business units designed to serve those producers who were previously excluded from access to the formal financial system, their operational procedures replicate standards that perpetuate the marginalization of poor customers.

3.5 Gender

The gender impact of financial reforms was examined in Bangladesh and El Salvador. While it is clear that women have more limited access to the financial sector than do men in Zimbabwe, it was difficult to assess more definitively what the full impact of the reforms have been since reports of the formal financial institutions do not disaggregate their statistics according to gender.

In **Bangladesh**, women's access to banking services was measured in terms of their share of the total number of accounts, of total deposits and of total credit provided by financial intermediaries. *Although women were contributing 26.26 percent of the total deposit amount, their share in credit was only 1.79 percent.* Stated differently, irrespective of the types of bank branches (women's branch, branch headed by a female manager, or branch headed by a male manager), women have been contributing much more than they have been receiving in terms of credit access. Even in women's branches, female customers are getting only 21.52 percent of the total loanable funds. On a related point, the share of female employees in the banking sector, though increasing from 4.74 to 6.23 percent, is still far lower than it is in the government sector.

In **El Salvador**, despite the proliferation of gender-related credit programs promoted by NGOs and governmental agencies, *most women are not able to satisfy loan requirements.* Either they are not property owners or they lack documentation and business records. In addition, access to credit by women in the informal sector continues to be rather low. Only 23 percent of women surveyed reported having received loans, while the rest indicated a lack of access to credit. Women are caught in a vicious circle. Unable to guarantee loan repayment in accordance with criteria established in the formal banking system, women do not receive loans to invest in their businesses, thus reducing their ability to continue their business activities at levels that would allow them to move from subsistence to accumulation.

IV. Conclusion

The non-participatory manner in which financial-sector liberalization policies were designed and implemented has not only allowed, but also fostered, a reform process that has been biased in two senses. First, in practice, these reforms have been aimed primarily at achieving interest-rate and capital-account liberalization, weakening or dismantling existing regulations and controls. Second, as a consequence of this shortsighted view of financial-sector reform, the reform process has been captured by a few private elites, foreign and domestic, who act as profit-seeking, monopolistic agents.

A major consequence of these biases has been a sectoral reform that preserves economic inefficiencies, produces political destabilization and promotes social exclusion. These general features and outcomes of financial-sector liberalization emerge from several concrete findings:

- ***Liberalization has not improved the level of economic efficiency within the financial sector.*** As can be clearly seen in the four countries where studies were undertaken, the spread between borrowing and savings rates has increased. This demonstrates that banking systems are either incapable of lowering their operational costs or are reaping exceptional profits. Furthermore, ***corruption and bribery have undeniably blossomed under liberalization***, affecting both public and private financial intermediaries.
- ***Financial-sector liberalization has, in practice, promoted short-term speculation and investment in non-productive activities, as well as borrowing for the purpose of consumption.*** Reforms have facilitated the search for quick profits and have ***helped channel resources away from productive sectors***. Rather than promoting macroeconomic stability, the liberalization of interest rates and capital accounts has allowed capital to become increasingly volatile, flowing easily off-shore, and has ***contributed to economic crises and increased vulnerability to external shocks***. The national and regional crises that have at times resulted have crippled financial systems and productive capacity. Consequently, the structural weaknesses of national economic systems have been reinforced.
- ***The weakening of the state and its regulatory role has left it incapable of addressing inefficiencies, abuses and exclusionary practices in the sector.*** Financial liberalization has strengthened small, private-interest groups *vis-à-vis* the state and has reinforced patterns of economic growth based on non-competitive practices. In the absence of effective regulation, ***oligopolies have been preserved and in many cases enhanced***. ***The institutional framework created through the reform process has failed to provide effective oversight of private financial intermediaries***. Yet, governments have been left without the authority and legitimacy to pursue complementary and corrective measures to regulate private-sector control over financial resources or to

curb speculative behavior. At the same time, state support for development banking has practically ceased to exist.

- ***Reforms have allowed financial assets to become more concentrated in few private hands, rather than fostering broad-based productive investment that would stimulate national economies.*** Instead of helping producers that need capital to maintain or expand their operations, financial intermediaries have directed financing toward large (usually urban) firms and extended the largest share of loans to a few, powerful economic agents. ***This has hindered the development of small and medium-size enterprises, an important source of employment generation*** in the countries studied, as well as rural economies as a whole, thereby exacerbating existing inequalities. In concentrating lending activities in geographic regions where upper-income groups reside, banking systems have also discriminated against producers in low-income regions, thus further reinforcing patterns of unequal development.

- ***Important sectors of the economy and population groups have been unable to access affordable credit. Small and medium-size firms, rural and indigenous producers and women have very limited access to the formal financial system, as high interest rates resulting from liberalization and obstacles to qualifying for financing have prevented them from borrowing.*** Access to long-term loans has become particularly difficult for these sectors, as liberalization policies have reoriented national productive systems away from long-term, non-export-oriented activities and stimulated short-term investment. Furthermore, reforms have not taken into account the fact that standard procedures established by private financial institutions are not capable of dealing with the diversity of economic situations and borrower needs. As a result, many small-scale enterprises have gone into bankruptcy or been forced to seek credit from non-formal sources, such as moneylenders, which can assure neither a sufficient volume of credit nor affordable interest rates.

The ***failure of these adjustment policies and their negative impact on the poor*** have been due to a number of factors, notably:

- ***the inherent limitations of the market process in addressing the needs of the poor and other disadvantaged groups;***

- ***poor sequencing of sector policies, whereby the regulatory environment has lagged behind the market reforms,*** thus allowing profit-seeking, non-competitive private elites to capture and turn the reform process to their benefit;

- ***inadequate legal and regulatory frameworks that neither curb the dominant influence of these elites nor allow for the entry and participation of smaller and***

informal institutions that are more geared toward serving the poor; and

- *lack of ownership and participation in the design of the sector-reform programs by the intended beneficiaries and undue influence exercised by foreign and national elites and international financial institutions.*

On the basis of these findings stemming from the sample countries, some basic recommendations can be made to ensure that financial systems serve the interests of national development above those of small, private groups. Financial-sector policies should promote investment in production, particularly for the domestic market where small and medium-scale enterprises that account for much of a country's employment generation operate. They should facilitate lower interest rates, reduce the gap between savings and borrowing rates, and include support for employment-generating enterprises through the establishment of development banking mechanisms.

Alternatives to financial-sector liberalization must address specific conditions in each country and should be developed with broad participation by affected population groups and economic sectors. It is necessary to create conditions to enhance financial services that reach not only formal, large-scale economic entities and the urban and export-oriented sectors, but also small, informal ones, many of which serve the domestic market. This requires regulatory and supervisory frameworks that prevent financial instruments from being captured by profit-seeking elites, stem speculative practices, and allow financial institutions capable of serving the poor to enter into, and survive in, the formal financial system.

Any financial-sector reform should be carried out within a broader development framework that has at its center the criterion of equity. The market by itself does not ensure opportunities for the poor to escape poverty. Accordingly, it will be necessary to design policy packages that can specifically address the needs of those who are unable to gain access to, or take advantage of, market opportunities.

Employment under Adjustment and the Effects of Labor Market Reform on Working People

I. Introduction

Wealth is generated by human labor. Without it there is no income, whether in cash or in kind, no consumer goods, no technology, capital or organization. Without labor there would be no production or distribution of wealth nor would markets exist. In other words, it is not the market that determines the existence of this labor; on the contrary, without labor there cannot exist markets.

Labor can be employed in many different ways. In “developed” economies, where the relationships between supply and demand are clearly articulated, work is usually salaried. Such is not the case everywhere, however. The labor market can co-exist with many types of workers and employment, including small-scale rural producers, independent merchants, self-employed workers and non-paid family workers. Paradoxically, within the logic of the market, some basic activities necessary for the reproduction of society remain outside all economic considerations. Non-remunerated housework underpins work performed outside the home by other household members. Such work, however, is considered to be “non-economic”, and whoever performs it is almost always classified as part of the economically inactive population.

That is to say that, from a market point of view, labor is reduced to a simple relationship of supply and demand. The economic policies that have predominated since the beginning of the 1980s have placed emphasis on the labor market rather than on the value of work itself. Within structural adjustment programs, labor has been defined in terms of individual productivity and competitiveness, with little regard for social and labor rights or social equity and collective well-being. The isolated, competitive individual supplants the collective and cooperative effort.

The national investigations into the impact of a broad range of adjustment policies, including privatization, deregulation, trade and financial-sector liberalization indicate that structural adjustment has significantly affected labor and living conditions in all of the countries participating in the SAPRI and CASA exercises. This impact has been deepened by specific labor-market reforms undertaken as part of structural adjustment

programs in numerous countries. These policies and their effects on employment, wages and working conditions have been examined in **Ecuador, El Salvador, Mexico** and **Zimbabwe**. The studies are illustrative of the international trend toward reducing the concept of work to that of the labor market and reorganizing the latter through the concept of “flexibilization”.

This chapter first presents a brief description of the differing, as well as similar, characteristics of the four countries. It then discusses *two types of impacts that adjustment has had on employment: those caused by general economic adjustment strategies; and those derived from specific labor-market reforms*. Finally, it summarizes the findings and recommends a change in course.

II. Country Characteristics

The countries under consideration have very different points of departure. Their geographic and population sizes, as well as that of their markets, are contrasted in Table 1 below.

Table 1

	Population (millions)		Territory (thousands of km ²)	GDP (millions US\$, 1987)		GDP per capita		
	1980	1997		1980	1997	1980	1997	Average annual growth
Ecuador	8.0	11.9	256,370	11,733	19,768	1,467	1,661	0.7%
El Salvador	4.6	5.9	21,041	3,574	11,264	777	1,909	5.4%
Mexico	67.6	94.3	1,958,201	223,505	402,963	3,306	4,273	1.5%
Zimbabwe	7.0	11.5	390,580	6,679	8,906	954	774	(1.2)%

Source: The World Bank, *World Development Indicators*, 1999.

Mexico, which possesses over three quarters of the total population of the four countries studied, also generates 91 percent of the combined GDP. It is classified by the World Bank as a high-middle-income country, while Ecuador and El Salvador are listed as lower-middle-income nations and Zimbabwe as a low-income country.

Macroeconomic evolution, expressed in GDP per capita, shows not only very different initial structural characteristics but also different types of development. Under an orthodox adjustment regime since its Economic Reform Programme was launched in 1991, **Zimbabwe**'s growth has slowed significantly. Likewise, **Ecuador**'s GDP per capita appears to have fallen in real terms during the past two decades of economic liberalization and has particularly deteriorated during the recent period of economic crisis. In contrast, **El Salvador** has grown significantly in the

1990s since the Peace Accords were signed in early 1992. Its GDP per capita was scarcely half of Ecuador's in 1980, but by 1997 surpassed it by 15 percent. **Mexico's** dynamic can be located somewhere in between Ecuador's and El Salvador's -- a weak level of growth per capita that does not keep up with the growth rate of the economically active population.

Because of these differing conditions, each country's specific characteristics were taken into account in the participatory consultative exercises. But, in spite of such differences, all of the countries where employment and the labor market were studied have shared a number of basic structural characteristics.

- All four countries have had an extremely heterogeneous¹ market structure (**Zimbabwe's** reached dualism and enclave formation), with economic control exercised by a handful of businesses and the majority of work performed outside the formal hiring schemes usually found in developed economies. For example, in **Mexico**, out of an economically active population of 40 million, fewer than 18 million were enrolled in the social-security system. (The law requires that all labor contracts enroll workers in this system; therefore, those not enrolled either work in the informal sector, are self-employed or are unpaid.)
- At the same time, all the countries have showed a high concentration of income, wealth and factors of production. Above and beyond the countries studied here, Latin America and Africa are historically the two regions with the highest concentrations of wealth. In **Zimbabwe**, 70 percent of the land belonged to fewer than one percent of producers, who have also controlled 85 percent of the water resources. It should be pointed out that racial and labor discrimination against indigenous peoples in some areas of Latin America, as well as against blacks in parts of Africa (e.g., Zimbabwe, given the enduring effects of its colonial inheritance), is translated into conditions of total disparity in economic development. In Zimbabwe, the white population comprises two percent of the population while receiving 37 percent of national income.
- The four countries studied here are among those with the highest concentration of income in the world. Out of 96 countries appearing in the World Bank's *World Development*

¹ In economic development theory, heterogeneity refers to disparities in development within a country's economy. A heterogeneous economy tends to include the following: a sector producing raw materials or primary goods – whether for export, domestic markets or direct consumption – with low levels of technology and poor working conditions; a modern industrial sector that is generally linked to transnational firms; an urban informal sector involved in small-scale production, commerce and services; and a *maquila* or assembly-plant sector that produces goods for export using mostly imported inputs. Adjustment policies applied in a heterogeneous economy tend to increase competition on an unequal playing field and thus will have differentiated impacts, benefiting most those sectors that are better off and further exacerbating inequality.

Report 1999, **Zimbabwe** has the eighth-poorest distribution of wealth, **Mexico** is in fourteenth place, **El Salvador** is number twenty-one and **Ecuador** is number thirty -- although, with the breakdown of the financial and monetary systems at the end of the 1990s in Ecuador, this situation has clearly worsened.

- Latin America experienced a situation of massive external debt, which led to the debt crises of the 1980s in **Ecuador** and **Mexico**. This was one of the factors that spurred the adoption of structural adjustment policies. During that same period, **El Salvador**'s war economy enjoyed significant assistance from the U.S. government. Since then, its foreign-exchange needs have been largely met by migrant workers, especially those living in the United States, who send money home.
- Associated with the debt during the 1980s was a growing fiscal imbalance frequently linked to cases of public-sector corruption and inefficiency. To give an idea of the extent of fiscal crisis in these countries, **Zimbabwe**'s deficit was 9.6 percent of GDP in 1980 and **Mexico**'s was 16.5 percent in 1981 (in 2001, an estimate of 0.65 percent for Mexico is considered "too high").
- On top of this, the 1980s showed a profound deterioration in the terms of trade for raw materials, which particularly affected **Ecuador** and **Mexico** in the area of oil.
- In the case of **Zimbabwe**, a fundamental element to consider is that of HIV/AIDS. Life expectancy at birth has dropped from 61 to 48 years. One fourth of the population is infected. The lack of concern shown by many, including the World Bank, with regard to the spread of the disease in sub-Saharan Africa during the 1980s should be noted.²

In summary, these are highly indebted countries that are finding it difficult to meet their financial commitments. They have had growing fiscal imbalances, highly concentrated income-distribution structures and markets controlled by oligopolies. Such were their characteristics in the early 1980s, and it was obvious that substantial modifications to their economic organizational structures were necessary. However, *the types of changes implemented have not reduced labor disparities existing before adjustment*. On the contrary, *the heterogeneity of these economies has substantially increased*. It would almost seem that the main common denominator among these countries is their internal structural heterogeneity.

² AIDS has had an immediate impact on employment due to reduction of the healthy working-age population and the growing rate of dependency. In addition, HIV/AIDS presents an ethical problem in terms of market criteria: how can you invest in human capital in an HIV-infected population when you know beforehand that the investment's profitability will be less than in the case of non-infected persons?

III. The Process of Adjustment and Its Impact on Employment and Labor Conditions

Employment and the labor market have been significantly affected by a broad range of structural adjustment policies that directly impact the productive sectors of the economy. The impact of these policies on employment is a reflection of their effect on the country's productive apparatus. Furthermore, decisions made by governments under adjustment to liberalize the labor market are often carried out through *specific labor-market reforms, i.e., legal changes regulating labor relations.* Among the "active" policies designed to adjust the labor supply to the needs of the market are those that *increase the flexibility of the labor market.* They address *hiring and firing practices, as well as working conditions, including union organizing.* Greater *labor flexibilization can be effected by relaxing regulations in labor codes or as a result of negligence on the part of authorities and businesses* with regard to the prevailing norms of formal employment. These issues and how they have played out in the SAPRI/CASA countries, are analyzed in the following sub-sections.

3.1 Economic Activity, Restructuring of the Productive Apparatus, and Employment

Employment is a function of the level and structure of economic activity and productivity. That is to say:

- An increase in demand for goods and services tends to increase a sector's economic activity. With constant levels of productivity, if this demand is not met by imports, employment rises. In effect, in order to produce more, additional labor is needed, whether by increasing time worked by those already employed or by adding new workers.
- If demand increases as a result of a net increase in those productive sectors requiring little labor per unit of capital, accompanied by decreases in highly labor-intensive sectors, then, even when production increases, employment declines.
- Increased productivity has a double-edged effect: it directly results in technological unemployment (substitution of workers by technological modernization), but also indirectly generates employment linked to the new technologies and provides a stimulus to production that will, in turn, generate new jobs.

Just as production and productivity depend on an economy's overall functioning and its relationship to the rest of the world, employment's behavior is linked to the entire economy's performance and the primary economic strategies promoted by public policy. As a result, *the effects of structural adjustment on employment cannot be determined by specific labor-market policies alone but also depend on the economy's evolution, the restructuring of its productive apparatus and the effects this generates in terms of overall changes in employment patterns.*

3.1.1 Economic activity

In the countries studied, *economic restructuring has not led to greater modernization and competitiveness even after 20 years of adjustment*. Not only has the growth of GDP been irregular and insufficient, it has been *concentrated in the development of the leading businesses, sectors and regions*. This has *exacerbated the gap between these and the sectors left behind*, as well as the heterogeneity already existing before adjustment. In addition, the concentration in the distribution of generated wealth has tended to increase, and, as a result, the consumption capacity of growing segments of society is deteriorating even further. In the face of such imbalances within the real economy, financial equilibrium has been given precedence. Nevertheless, even in this domain, **Ecuador** and **Mexico** have experienced major problems, including disastrous banking crises.

Ecuador's GDP grew at an average annual rate of 2.5 percent from 1980 to 1997; however, population growth was 2.4 percent, and, thus, growth per capita was practically at a standstill. For the following two years, through 1999, GDP per capita decreased at an average of 6.2 percent annually and only rose two percent in 2000.

Mexico's economic performance under adjustment has also been inadequate. The mean rate of yearly GDP growth from 1980 to 1997 was barely 1.3 percent, while the average rate of population growth was two percent. Recovery began in 1997, indicated by an annual GDP per capita of 2.7 percent from 1997 to 1999. However, these cycles of recovery have been short and unstable, and a process of deceleration, rooted in the U.S. economic downturn, began during the last third of 2000.

El Salvador experienced profound economic stagnation during the 1980s because of the civil war. Recovery during the 1990s following the Peace Accords was accelerated, with GDP per capita growing at 2.9 percent per year, with the help of a lower population growth rate (1.5 percent). However, the situation has reversed since 1997, with GDP per capita increasing by barely 0.9 percent over the last three years. On top of this, the country experienced the adverse impacts of Hurricane Mitch at the end of 1998 and, in particular, of the earthquakes in 2001.

Finally, **Zimbabwe** was the country that grew most rapidly over the last 20 years (2.9 percent annually). However, strong growth in the 1980s, before structural adjustment policies were applied, was followed by a weakening during the 1990s, when growth reached only 1.6 percent annually. Also, Zimbabwe had a higher population growth rate (2.96 percent) than the other countries studied, and by the end of the twentieth century its situation was similar to that of 1980 in terms of economic activity, as GDP per capita had stagnated. When the effect of the HIV pandemic and the recent political crisis are added to this mix, the panorama becomes more critical.

3.1.2 Restructuring of the productive apparatus

Given that the primary determinant of employment is production, and that much productive activity is concentrated in micro, small and medium-sized businesses, it is important to examine the restructuring of the productive apparatus resulting from adjustment policies.

In Ecuador, the impacts on employment of restructuring both production and the financial sector have been significant. A re-orientation of policy to foster an export-based economy produced constraints on the domestic market, particularly small and medium-scale businesses, and strengthened large enterprises. From 1992 to 1998, several thousand workers were shed by the country's thousand largest firms (in terms of economic activity), which accounted for 75 percent of GDP while employing 35 percent of workers in formally registered enterprises, even as the amount of these firms' investment per worker increased by 50 percent. Thus, **large firms in the export sector were further concentrating capital while failing to generate employment.**

At the same time, the SAPRI investigation in Ecuador notes the **massive number of closures of micro, small and medium-sized businesses**, which make up the vast majority of the country's registered enterprises and employ the majority of their workforce. From 1990 to 1996, 4,600 businesses went bankrupt (1,675 of them closed in 1995 alone), leaving a total of 17,352 formally registered enterprises. As a result, thousands of workers joined the ranks of the unemployed, as 96 percent of registered firms account for 65 percent of employment in all firms, although they produce less than 25 percent of GDP. Participants at the SAPRI Opening National Forum **blamed this massive loss of jobs in part on the flood of imports that has emanated from Ecuador's trade liberalization.**

The Forum participants also pointed to the country's credit policy and to interest rates that have reached as high as 70 percent. **The concentration of capital has contributed to the weakening and/or failure of businesses** that were unable to compete in the new international context by **directing credit toward monopolistic productive structures**. Since 1992, one percent of borrowers in Ecuador has received 68 percent of the available credit, and **the country's banking system has constrained lending that would have preserved and created jobs in the most labor-intensive sectors**. To add insult to worker injury, the subsequent bailout of the banking system then channeled public resources away from employment creation to protect a financial system that did not generate employment in such sectors.

Similarly, in **Mexico**, only 25-to-30 percent of industries existing in 1982 are still in operation. Between the economic crises of 1982 and 1995, **micro, small and medium-sized businesses stagnated, despite an apparent economic upturn, due in part to high interest rates and the dismantling of the country's development banking system. Trade liberalization, with the influx of imports that it has brought, and the reorientation of**

economic strategy toward exports have considerably weakened these firms, as only one percent of Mexican companies participates in international trade, with 700 companies controlling 75 percent of all exports. Working conditions in the smaller businesses are particularly precarious, and their possibilities of modernizing and becoming successful in the export sector are practically nonexistent. National Forum participants also pointed to the *massive loss of jobs caused by the privatization of state-run enterprises*.

The Mexican rural sector has felt the effects of structural adjustment policies through Article 27 of the country's Constitution, which *now allows the sale of ejidos, i.e., collective farms*. This change has bolstered the profitability of agriculture, especially for export, while neglecting the domestic market, community organizational structures and efforts to attain domestic food security. This situation has resulted in a new dynamic of renting and potential selling of land and the displacement of small-scale farmers. Because of technological breakthroughs and crop substitution, *a growing percentage of farmers find it necessary to migrate for economic reasons*, whether: (i) as agricultural day laborers under conditions of monopsony for export companies; (ii) to the country's urban-industrial centers where their knowledge and culture do not coincide with labor demand; or (iii) to the United States as undocumented workers under precarious working conditions after risking their lives to cross the border. Rural women migrating to the cities usually become domestic workers. In short, from having been owners of their own land, *small farmers have become day laborers or sweatshop workers in maquiladoras*,³ with the resulting deterioration in wages and working conditions.

In 1991, the Economic Reform Programme, financed by the World Bank, was implemented in **Zimbabwe**, with the usual adjustment policies, including privatization and trade liberalization. As in the Latin American countries, *liberalization brought about massive closings of companies*. The SAPRI study drew out the analysis and perspectives of the Zimbabwean people on these changes through a series of consultations and found that, *as businesses closed, the formal sector shrank and the informal sector expanded, there were fewer opportunities to obtain employment and poverty increased*, while there was a growing phenomenon of people holding multiple jobs. An oversupply of overqualified workers was also observed. Paradoxically, in spite of the closings and greater vulnerability of micro, small and medium-sized businesses due to economic restructuring, this sector has experienced the most growth, given the small amounts of capital such businesses need to operate and how easily they can enter the informal sector. This phenomenon also indicates the high birth and death rates of these businesses and the fact that, while they are vulnerable to crisis, they also serve as a refuge from it.

³ *Maquiladoras* are assembly plants in which most of the inputs are imported (in Mexico, about 98.5 percent). They enjoy an especially favorable tax environment, and production is focused on exports. Enclaves are formed to utilize "comparative advantages" offered by the host countries: low salaries; fiscal breaks; lax controls on pollution (whether tacitly or implicitly defined); possible donations of electricity; and locations that may be conveniently close to consumers in the large international markets.

Employment in Zimbabwe was also affected by actions taken to correct public-finance problems. In order to eliminate an existing fiscal deficit, **25 percent of public workers were laid off**. While the situation before adjustment was in some ways untenable, given the accumulation of the deficit and low job creation within a highly regulated structure, **the adjustment program failed to meet the challenge of modifying economic policy so as to generate fiscal equilibrium and employment**.

Furthermore, there has been a “**maquiladorization**” of industry, particularly in **Mexico** and **El Salvador**, while a similar process has taken place in **Zimbabwe** since 1996. As businesses in this sector **do not generate either forward or backward productive linkages** within the country’s economy, they become enclaves and generate employment only in the production of the final product. **They can also destroy existing businesses and the jobs of those providing inputs for the now-displaced firms**, while dampening domestic investment. A case in point is El Salvador, where adjustment has brought about stagnant production, particularly in regard to manufacturing for the domestic market. Thus, gross employment generated by the *maquiladoras* can produce a negative sum in the net generation of employment and increasing underemployment and informality.

This type of industrialization is also linked to the depression of wages and, with labor markets deregulated, to a high level of vulnerability of its predominantly female employees to arbitrary layoffs, harassment and poor working conditions. Participants in the national fora in these three countries zeroed in on this exploitation. Due to the removal of labor regulations and, with it, the disappearance of a functional grievance system, women in Zimbabwe, for example, who are sexually harassed at work are far less likely to report an incident for fear of being fired, it was explained at that country’s SAPRI Forum. At the Mexican National Forum and at other consultative workshops in Mexico, attendees told of how the relaxation of regulations on hiring and firing has enabled employers to require a certification of non-pregnancy, for example, for employment and to refuse to provide maternity leave. They expressed concern that **the maquiladoras, as significant sources of job creation in Mexico and as principal employers of women, are exploitative workplaces**, as reflected in their low pay, paucity of benefits, poor working conditions and failure to respect basic labor rights.

In sum, there has been a concentration in production for export, much of which is not labor intensive or employs mostly unskilled workers in low-paying jobs, a breakdown in the integration of industrial sectors, employment dislocation, and, with a policy of reducing public expenditures paralleling business closings and layoffs, a further concentration of employment in the service and informal sectors.

3.1.3 Unemployment and poverty

The increasing movement toward the service sector in all the countries studied has paralleled a sharp fall in agricultural employment for both men and women and the

inability of the industrial sector to absorb these workers. Only in **El Salvador** has there been an increase in industrial employment and that has been minimal (and mostly in the *maquila* sector) compared to the loss of agricultural work. Furthermore, there has been an increase not only in female employment among those still employed, but in child labor and elderly workers, all in a situation of deteriorating working conditions and income levels.

Unemployment levels are not specifically dealt with in this chapter since the operative defining criteria for unemployment are significantly different for each country. While open unemployment stood at about 2.3 percent in **Mexico** in 2000, in **El Salvador** it was 7.3 percent, 14.4 percent in **Ecuador** in 1999, and 22.3 percent in **Zimbabwe** in 1993. This does not mean that there was nearly full employment in **Mexico**, as only active full-time job-seekers are counted, leaving out laid-off workers who have immediately joined the informal sector, taken unstable jobs, or are not actively seeking work. In **Zimbabwe**, labor-force surveys are not undertaken on a regular basis, and, when they are, methodologies and types of data collected are so different that they defy comparative analysis. The Zimbabwe Congress of Trade Unions estimated unemployment at between 35 and 50 percent in 1997. The government's Central Statistical Office concedes its own estimates are low, as neither discouraged job seekers who have not been actively looking for a job nor those who have worked even one hour in the previous week are included in the figures. Unemployment in **Ecuador** was found to be much higher for the poorest 20 percent of the population than for the richest 20 percent, standing at 24 percent and less than five percent, respectively, in 1999. At the same time, underemployment was estimated at 50 percent.

Table 2
Proportion (%) of Men and Women in Agriculture, 1980 and 1990/1997
(most recent data)

	Agriculture		Industry		Services	
	1980	1990/1997	1980	1990/1997	1980	1990/1997
<i>Men</i>						
Ecuador	44	39	22	20	34	41
El Salvador	56	50	20	22	24	29
México	43	35	30	25	28	40
Zimbabwe	63	58	19	13	18	29
<i>Women</i>						
Ecuador	22	16	16	16	63	68
El Salvador	9	7	18	19	73	74
México	19	12	28	20	53	69
Zimbabwe	85	81	4	2	12	17

Source: World Bank, *World Development Indicators*, 1999

At the end of the 1990s in **Ecuador**, *about two thirds of workers were either un- or underemployed*, with 66 percent of the population living on less than two dollars a day. *Those employed are working longer hours, but new jobs are not being created*. As a consequence, the informal sector grew by five percent between 1998 and 2000. Meanwhile, the country's thousand largest companies (in terms of economic activity) employed fewer workers in 1998 than they had six years earlier (147,147 compared with 150,000). Yet, given *the trend toward monopolization resulting from the impact of liberalization on competition*, these companies have played a growing role in the country's economy. *As a result, the formal sector has become increasingly powerful while generating less employment and producing ever-greater exclusion*.

Many references are made in the Ecuadoran study to the *widening breach between the formal, export sector and the traditional sector linked to the domestic market that has occurred as a result of privatization and trade and financial-sector liberalization*, a point driven home by National Forum participants, as well. The impact on the marginalized communities participating in the study has been significant. Through a series of consultations and case studies, the SAPRI study found that, in the case of urban marginal populations (Bastión Popular and Itchimbia), *instability in the residents' employment situation has increased perceptibly*. Many people have gone from having a steady job to underemployment or unemployment. *This has resulted in the modification of family survival strategies*, with a significant increase in the number of household members (especially children) participating in economic activities. *While the percentage of women employed nationally with respect to men grew from 38 percent at the end of the 1980s to 48.6 percent in 1992 and 50.1 percent in 1999, open unemployment of women increased from 9 percent to 13.2 percent to 19.6 percent during the same time period*. The women's groups consulted as part of the SAPRI research explained that this increase of women in the labor force does not indicate an improvement in gender equity, but rather *a tendency for employers to seek women for jobs that are low-paying and lacking in benefits and job security*.

In **El Salvador**, a *strong relationship was also detected between the deterioration of the employment situation and an increase in poverty*. In 1998, *open unemployment* had risen to 7.3 percent, urban *underemployment* was 17.4 percent and *informal-sector employment* reached 26 percent. For the country as a whole, *two thirds of the economically active population earned less than the minimum wage*, and half of those employed worked 45 or more hours a week. *These figures for informal and precarious employment explain how very high levels of poverty can co-exist with relatively low levels of official unemployment*. Nearly 19 percent of the population was deemed to be living in extreme poverty and 25.7 percent in relative poverty, meaning that 44.6 percent of the Salvadoran population lived in poverty conditions.

The social impact is exacerbated by the differential treatment of women. Of the 83 percent of *maquiladora* workers in El Salvador who are women, 42 percent receive less than the minimum wage, 67 percent receive no severance pay, 53 percent suffer from abusive treatment and only three percent of pregnant women are given paid maternity leave. The social fabric has deteriorated through a process of exclusion, and *the combination of policy-induced labor instability, marginalization and poverty is seen as a determining factor in the increased migration out of the country.* *Family structures have suffered*, said National Forum participants, as a result of this instability, low salaries and long workdays. So have health, nutrition and the ability to find affordable and adequate housing. *More and more children, they reported, are entering the work force in an effort to supplement declining family incomes.* These children are usually forced to drop out of school to take jobs that pay “apprentice” salaries far below the minimum wage, although their duties are similar to those of adult employees.

The population in **Mexico** has been affected in a similar manner, especially the most vulnerable groups, with similar consequences in terms of employment instability, poverty and migration. Furthermore, *the wave of privatization of state enterprises and public services* that began in the 1980s (in 1992 alone, more than 1,000 state-owned enterprises in the industrial, financial and communication sectors were sold, merged or transferred) *generated massive firings of over 500,000 state employees.* These layoffs were not accompanied by job-creation programs in the newly privatized enterprises, nor were incentives or aid given to the fired workers.

Although unemployment in Mexico was officially at 2.3 percent in 2000, employment for nine million members of the economically active population was precarious, and *50 percent of those able to work were making their living from the informal economy.* Forty percent of Mexicans get by on less than two dollars a day, and in the poorest regions labor instability has aggravated social conditions. Forum and workshop participants spoke of the increasing difficulty that heads of households have in maintaining steady jobs due to flexibilization measures in the labor market, and they asserted that those who are able to do so generally find that *their incomes are insufficient to cover the basic needs of their families.* *Many are forced to seek a second job, which is difficult to find given the unemployment problem, or to revert to situations of underemployment or employment in the informal sector.* These would-be solutions often *involve a significant expansion of the working day, as well as greater job instability and income insecurity.*

Other alternatives sought, particularly by low-income families, include the incorporation of additional family members, often children, into the labor market and migration to urban centers or to the United States. These survival mechanisms, said the Mexican Forum participants, provoke changes in the social and family structures that, in turn, generate additional hardship for large segments of the population, with women and children often bearing the brunt of the burden. *Families often cannot afford to keep children in school*, due to both the direct costs of school materials and the opportunity cost of education. *Children are increasingly needed to bring in*

additional income or, particularly in the case of girls, to take responsibility for household chores for which their mothers no longer have time, including the care of younger siblings. *Longer working days for both parents*, Forum attendees explained, often leave children with inadequate parental guidance and, when combined with intra-household tensions from added responsibilities and reduced purchasing power needed to cover basic needs, *fuel social problems such as domestic violence and juvenile delinquency*. The CASA study documented an *increase in child malnourishment and infant mortality rates* in the southern states (Oaxaca, Guerrero and Chiapas), while *child labor is on the rise*. By the age of 12, or upon entering secondary school, the school desertion rate increases considerably, especially for girls, while at the same time, out of 3.6 million day laborers, 1.2 million are 18 years of age or less.

Similarly, in *Zimbabwe, after a decade of adjustment, employment creation has stagnated before the current political crisis took hold*. Average annual employment growth rates fell from 2.9 percent between 1991 and 1995 to only 0.3 percent from 1996 to 1999. By the end of the 1990s, 68 percent of the population was surviving on less than two dollars a day, as even those workers who do find full-time jobs are no longer guaranteed a living wage, said participants in the Opening National Forum. *The collapse of wages has meant that many workers live far below the poverty line*, they reported.

3.2 Labor Market Reforms and Flexibilization

Under adjustment programs, labor-market policy is being adapted to the free-market model. In some countries, such as **Ecuador** and **Zimbabwe**, this has occurred through *new laws regulating relationships between business owners and workers*. In others, such as **El Salvador** and **Mexico**, *practices are changing ahead of the law*.

Economic-policy reforms have accompanied both the technological revolution of the 1980s, as well as the shifts in forms of work organization and industrial relations. That is to say, adjustment policies have facilitated technological change and changes in the organization of work; these changes, in turn, have generated incompatibilities between the new economic policies and pre-existing labor legislation. Labor codes were based on the welfare state model, and in Latin America, although this often meant a corporative type of state, labor relations involved aspects usually found in industrialized countries: the Taylor principle of specialization of tasks with standard procedures and times; production of homogenous, identical goods; and the expansion of society's capacity to consume. With the implementation of adjustment, the technological revolution and changes in industrial relations, however, such legislation has become obsolete for the new groups in power.

The *changes in labor law and practice* have been justified using the free-market argument that greater investment and employment will be attracted by: (i) fewer regulations concerning labor stability (limited or temporary contracts) and firing practices; (ii) greater flexibility

in labor conditions (hourly contracts, workers performing numerous functions); (iii) lower labor costs (reducing social-security payments, bonuses, vacations, minimum wage, costs of firing workers); and (iv) less ability for workers to organize. While these conditions might produce short-term competitiveness for countries undergoing adjustment because of the low costs they can offer to attract investment, ***workers experience a deterioration in working and living conditions and a loss of collective capacity to defend their rights***, eroding their stake in the companies' futures. ***The result is greater poverty and social problems***, which can lead to social unrest and limit the attractiveness for investors. Furthermore, ***these practices have also hindered the development of a quality-based competitiveness*** that would produce greater labor stability and directly improve the living standards of workers.

In order to reinforce the market-based economic program in **Ecuador**, beginning in 1991 ***the labor code in that country was reformed to increase labor flexibilization*** and remove regulations governing employer-employee relations. ***Among the elements introduced, which further weakened labor unions, were the use of temporary, part-time, seasonal and hourly contracts, as well as the contracting out of work*** through an intermediary so that the employee establishes no labor relationship with the company. These hiring schemes avoid adding personnel to the company's permanent payroll, thereby freeing it from paying benefits or having to adhere to regulations governing regular, full-time personnel. The SAPRI study in Ecuador shows that 72 percent of large and medium-sized businesses and 16 percent of small businesses have turned to employing temporary workers, and 38 percent of them laid off permanent staff in response to the economic conditions during the last half of the 1990s. Fixed-term contracts were also introduced, renewable at the company's discretion, thus tending to replace the use of indefinite contracts. At the same time, ***labor reform increased restrictions on the right to strike, collective bargaining and the organization of workers***. Employers are no longer required to bargain collectively with workers, only one union is permitted in public-sector workplaces, and the number of workers necessary to form a union has been doubled.

In **El Salvador**, ***modifications to legislation annulled clauses containing positive discrimination toward women***, such as those outlining special conditions for pregnant women. Under the principle of "equality" and based on Agreement 111 of the Labor code, protection for women and for future Salvadorans (unborn children of pregnant women) was withdrawn. All regulations making distinctions between the sexes when hiring workers were eliminated, including those regulations protecting women from being hired for dangerous or unhealthful work. The Second National Forum in El Salvador spotlighted the degrading situation faced by women (similar to Mexico), now having to prove that they are not pregnant in order to be hired in the *maquiladoras* or being forced to sign illegal contracts in which the employee must agree to being laid off if she becomes pregnant.

Within the context of the adjustment program in El Salvador, the country's weak labor laws concerning all workers have also been exploited by employers. The effects have been an increased

absence of employment contracts, greater work instability, salaries below minimum wage, work weeks of over 40 hours, informalization of work done mostly by women, who endure double and triple workloads (as mother, wife and employee), reduced access to social-security benefits, and failure to respect the right to organize or to uphold the rights of union members. ***There has been a negative impact not only on worker rights, but also on the ability of unions to fight for those rights.***

Those attending the Opening National Forum in San Salvador addressed this troubling pattern. They ***pointed to the increased use of temporary, part-time workers, to longer working days with no overtime pay, to the replacement of unionized employees with non-union workers, to the exploitation of women as maquiladora and domestic workers, and to an increasing reliance in the countryside on temporary day laborers.***

There have as yet been no significant legal changes made in labor legislation in **Mexico**, but the country's corporative union structure served the interests of the government and the political party in power from 1929 through 2000, including the process of economic liberalization that they have promoted since 1982. It has permitted ***constant violations of existing rights, especially those of women***, as documented in the Mexican study. The International Labour Organization notes that Mexico is one of its member countries with the most accusations of violations of the right to free association for workers (i.e., labor unions), discrimination against the female workforce, and non-compliance in the payment of social and economic benefits.

National Forum and workshop participants in Mexico expressed strong bitterness over the impact of those labor-market reforms that have been made. Measures intended to create flexibility in the labor market have modified employer-labor relations by giving the former greater discretion in determining employment conditions. This has meant ***greater use of part-time labor and temporary contracts and the absence of benefit packages***. As a result, according to the participants, there has been an increase in job instability. ***Flexibilization has also meant a relaxation of labor-market regulation, oversight and enforcement mechanisms. This has led to a failure to recognize unions, respect collective-bargaining contracts, and enforce labor rights, causing a serious deterioration in working conditions.*** Experiences were recounted of refusals to grant pregnancy or sick leave, failure to pay minimum salary or overtime, employment requirements that women not become pregnant and dismissal if they do.

Forum participants in **Zimbabwe** noted that the government, upon signing its first stabilization agreement with the IMF in 1983, abandoned the relatively high minimum wage that it had established, along with laws supporting collective bargaining, shortly after independence three years earlier. By the end of the decade and the institution of an adjustment program, the government had begun to look at the labor market as any other market in need of deregulation. Wage flexibility was introduced, some restrictions on worker layoffs were abolished, and competition in the area of labor organizing was promoted. In 1991, Zimbabwe began to restructure

a highly protective legal framework established in 1985. The Labor Relations Act was reformed so that salaries would be determined by the market and defined in individual contracts, as well as to facilitate employers' ability to fire workers. Meanwhile, requirements that employers inform authorities before firing workers disappeared, as did mechanisms for conciliation and arbitration between workers and management and recognition of collective-bargaining contracts.

3.3 Wages and Working Conditions

3.3.1 Impact on wages

Since stabilization and adjustment policies were first implemented, the reduction of wages and salary costs has constituted an important strategy for containing inflation and production costs. It has also served as a mechanism allowing a country to achieve competitiveness *vis-à-vis* the rest of the world by controlling labor costs.

As early as the mid-1980s, the Inter-American Development Bank noted that it has been working people, through their significant sacrifice in labor stability and the standard of living as a result of the reduction of real wages, who have borne the burden of policies to improve Latin America's current account. While corrections made to the external deficit in most countries have been fleeting and financial crises have abounded, Mexico and Ecuador being prime examples, *wage deterioration has not reversed itself under adjustment regimes in the countries studied.*

The Mexican minimum wage has lost 69 percent of its purchasing power since the beginning of adjustment in 1982, and the number of people living in extreme poverty (those unable to obtain the basic food basket) rose from 6 million to 30 million between 1994 and 2000. Salaries were restricted in order to maintain competitiveness and reduce demand. Meanwhile, corporatist (official) unions have defended business and government projects that maintain low salaries and replace collective with individual labor contracts, leaving the unions without any real power or independence. According to the leader of Mexico's Business Coordinating Council and presidential advisor from 1988 to 1994, "The day our country pays salaries above a competitive level, national industry will be priced out of the market and any hope of creating new jobs will disappear."

Table 3

**Ecuador: Average Monthly Salaries (in 1998 US\$) in Urban Areas
by Economic Sector and Gender**

	1987			1997		
	National Average	Informal Sector	Formal Sector	National Average	Informal Sector	Formal Sector
Total	242	191	293	199	136	279
Men	282	218	315	231	165	301
Women	175	149	243	147	92	238

Sources: Banco Central del Ecuador, *Información Estadística Mensual No. 1776*, April 1999

INEM, *Encuesta Permanente de Hogares*, 1987

INEC, *Encuesta de Empleo, Desempleo y Subempleo en el Sector Urbano*, November 1997

In **Ecuador**, average real income of those employed in urban areas dropped by 18 percent between 1987 and 1997, from US\$242 to US\$199. The decrease was much more dramatic for those employed in the informal sector. Overall, it was pointed out at the Opening National Forum, *adjustment took away more than one half of workers' incomes over the course of the 1980s and 1990s and substantially increased unemployment and underemployment. The increasing instability of employment and deterioration of wages as a result of adjustment, and flexibilization measures in particular, have also been facilitated by dollarization and inflation.* When the national currency -- the sucre -- was eliminated, the minimum wage, strictly speaking, fell to about six dollars per month, and take-home wages, when all non-taxable benefits were included, did not exceed US\$75. This represented, in real terms, *a 19-percent loss in purchasing power between 1998 and 2000 alone.* During two decades of structural adjustment, Forum participants stressed, poverty and inequality have increased substantially in Ecuador.

National Forum participants in **Zimbabwe** reported that flexibilization had decreased real wages to such a point that *even those who have managed to find full-time jobs are no longer guaranteed a living wage.* This collapse in wages has meant that many workers live far below the poverty line. The *deterioration of salaries has been worst among the least skilled workers.* The ratio comparing salaries of unskilled European workers with those in Zimbabwe is 25 to 1, for example, while it is 4 to 1 for skilled workers. Zimbabwe is experiencing growing inequality, the Forum attendees said, with the burden of adjustment falling largely on workers and peasants.

3.3.2 Declining working conditions and job security and protection

In **Ecuador**, *violations of the right of free association and discrimination against women's labor were cited in research consultations as impacts of adjustment policies* and the accompanying preferential treatment given to business owners by government and its sanctioned unions. Only two percent of workers enjoy social protection or have signed collective contracts. In the participatory workshops, workers talked of the fear of losing their jobs now that labor reforms have rendered their situation in the workplace more precarious at a time when the great mass of unemployed had rendered them all fully "interchangeable". *In addition to the limitations on labor organizing and the right to strike that were a direct result of labor reform, the precariousness of employment (in terms of stability and security) unleashed a "permanent fear" of job loss and the resulting willingness of workers to renounce their labor rights and accept whatever conditions they were offered while refraining from joining unions.* Depending on the sector (public, private or informal), 45-66 percent of workers in Ecuador are willing to give up labor rights in return for keeping their jobs. In addition, a process of polarization throughout the workforce can be seen in terms of the length of the work week, with *the hours worked by those in the lowest- income deciles rising and the hours worked by those in the highest-income brackets having dropped.* Those attending the Opening National

Forum emphasized that the weakened respect for the rights of workers has left them increasingly unprotected and open to abuses by employers. They pointed, as well, to the precipitous fall in real wages and the concomitant and explosive rise in poverty that have ensued.

Deterioration in working conditions and a decrease in union activity due to labor-market reforms were also noted in **Zimbabwe**, where, in spite of wage deterioration, the number of strikes radically dropped after 1997 (from 230 in that year to 130 in 2000). Flexibilization has also increased in **Mexico** through such mechanisms as subcontracting (formerly illegal) by large industry and due to industrial development concentrated in *maquiladoras*, rendering employment conditions more precarious for significant numbers of workers. **El Salvador** follows the same model as Ecuador and Mexico: fewer collective contracts, labor-flexibilization practices (beyond those that have been legally defined) and gradual liberalization of the economy to allow the market to set salaries as if they were just one more price.

IV. Conclusion

Structural adjustment has had an impact on workers in the countries studied on two levels. On the first level there is the general impact of policy packages -- including stabilization policies and the reduction of public spending, privatization, deregulation and trade liberalization -- on employment. At a second level, specific labor-market reforms have had a direct impact on wages, job security and protection, working conditions and the strength of labor organizing through the flexibilization of the labor market. These sector reforms often concretize already existing governmental permissiveness that allows practices that violate labor rights. Furthermore, and contrary to what their proponents had claimed, they have not been shown to have had a positive net impact on overall employment generation. While the extent to which the countries studied have implemented and been affected by these policies is not identical, in all cases the trend has been toward exacerbating, rather than correcting, imbalances existing before adjustment programs were put in place.

In summary, the country assessments have revealed the following:

- ***Employment levels have worsened.*** New jobs have not been generated to keep pace with new job seekers, and there has been a critical loss of employment in economic sectors on which low- and middle-income groups depend. ***The concentration of growth in export-oriented production -- such as assembly-plant industrialization via maquiladoras or export-processing zones -- has contributed to the low levels of net job creation, as this sector tends to have weak links with the domestic economy, and to keeping wages down.***

- ***Real wages have deteriorated and income distribution is less equitable today than before adjustment policies were implemented.*** The investigations show that the share of wages in gross domestic income has declined, while the share of profits has increased markedly during the reform period. More workers have been employed without job security or benefits, and underemployment has increased. ***The lowest-income groups have tended to experience the largest increase in unemployment and the greatest deterioration in their wages.*** A reduction in purchasing power and the further concentration of income is evident in all the countries studied.
- ***Employment has become more precarious.*** Flexibilization has been applied on a non-level playing field in the labor market. Employers have been given the means to hire and fire workers at the least possible cost and with minimal social responsibility. Workers, particularly in low-skill and labor-intensive sectors, are in oversupply, face depressed wages, and are in a weak position in salary and contract negotiations. There were no cases observed in which steps have been taken to improve working conditions, include workers in decisionmaking processes, or link the purchasing power of wages to increases in productivity. Thus, workers worry increasingly about losing their jobs and, as a consequence, are now more likely to renounce their labor rights or refrain from joining unions.
- ***Reforms have also allowed employers greater flexibility in establishing employment conditions.*** This greater employer flexibility has been reflected, for example, in the increased use of hourly labor, temporary and part-time contracts, as well as in contracts permitting numerous worker functions. At the same time, ***workers' rights have been weakened because there are fewer protections of their right to organize and bargain collectively.*** Lower direct labor costs have also been achieved through reduced wages and benefits.
- ***Women have suffered the most as a result of labor-market reforms.*** Women tend to be the majority of those employed in low-skill jobs and have been disproportionately affected by job insecurity and policies that have made employment conditions more flexible. In some cases, such policies have eliminated special protections for women, such as protection against layoffs due to pregnancy, and such benefits as maternity leave.
- ***There has been an increase in work by children and senior citizens as a response to the decline in household income by primary wage earners.*** An increase in the number of hours worked per week has also been documented, for example, in Ecuador. These family survival strategies have had negative impacts on levels of education and health and have led to deterioration in the quality of life.

- ***Productivity and competitiveness, sought through labor-market flexibility and related adjustment policies, have not been achieved overall.*** Although export sectors may have experienced growth through the use of new technology or lower-cost labor, any such productivity increases have tended to be confined to specific economic sectors or regions. Any benefits of growth in these limited areas have been offset by deteriorating labor conditions associated with an expansion of the informal economy, underemployment, and the shift of labor to low-productivity sectors.

In order to address these problems, an employment-intensive growth strategy should be pursued that stimulates job creation by supporting those labor-intensive productive sectors, particularly small and medium-scale enterprises, that serve the domestic market and fuel the local economy. Tripartite commissions involving workers, employers and government can be established to seek consensus on an adequate regulatory framework for labor and employment practices, as well as wage policies. Reforms should protect and enhance labor rights, including the right to unionize, and ban discrimination against women and minority groups, as well as strengthen protections for workers with regard to job security and employment conditions.

The Economic and Social Impact of Privatization Programs

I. Introduction

Privatization has been one of the most important components of the structural adjustment programs implemented in developing and transition countries. Loan agreements with the IMF and the World Bank have very often involved conditions requiring the privatization of state property regardless of the extent or effectiveness of public ownership. State enterprises and services were taken to be inherently inefficient undertakings that, in order to improve performance, should be privatized.

Privatization as a condition for loans has been part of the Bretton Woods institutions' policy prescriptions since the second half of the 1980s. In **Hungary**, for example, an adjustment loan signed with the Bank in 1988 included an expectation that legislation would be enacted to enable state enterprises to be converted into joint-venture companies. Similarly, in **Bangladesh** a three-year arrangement with the IMF's Structural Adjustment Facility in 1987 included a policy prescription for privatization, while privatization also became a pre-condition for World Bank loans. These are two of the countries, which, within the framework of the SAPRI exercise, opted to review the outcome of privatization measures, the others being **El Salvador** and **Uganda**.

In most of the country assessments, surveys of privatized firms were carried out through personal interviews and questionnaires. In Uganda, for example, a structured questionnaire was given to 150 heads of household, identified using a purposive and random-sampling method, that included workers in various firms, both in the public and private sectors, as well as NGOs and academics. In addition, 20 focus-group discussions were held with workers retrenched as a result of the ongoing privatization process and with those employed by the new owners. In Hungary, representatives of trade unions and other civil-society organizations, using 26 case studies, examined the concrete conditions in individual enterprises following privatization. The investigation in Bangladesh relied on more limited surveys carried out previously in the jute sector. In El Salvador, the study focused on one public-utility sector and relied on interviews and focus-group discussions for primary data collection.

II. Reasons for Privatization

In the 1950s and 1960s, governments all over the world played an important role in directing and exercising control over their economies. This involved the establishment and administration of large enterprises -- particularly in the areas of energy supply, transport, communications, basic metal industries, and so forth. The most important factors in the genesis and development of state-owned enterprises included:

- the need to maintain control over strategic sectors and to ensure the delivery of essential services;
- the inability of the private sector to undertake certain large investments that were essential to the economy; and
- the need for the promotion and development of indigenous entrepreneurs to strengthen domestic growth and diversification.

It was natural during this period for governments and state entities to play a significant role in fostering economic growth and assuming social responsibility to moderate inequalities. In the case of transition countries such as Hungary, the public sector developed and grew with the process of nationalization at the beginning of the socialist era following World War II and from the investments made by the socialist states.

When the oil-price shock triggered economic problems of high inflation and economic stagnation that were not resolved with conventional Keynesian policies, the neo-liberal paradigm -- supported earlier by only a limited group of economists and politicians -- became more and more dominant. A number of studies were published criticizing the state's role in the economy, some of which pointed to the supposedly inherent non-viability of state-owned industrial firms on the premise that state ownership inhibited the efficient functioning of any such enterprise. Initially, emphasis was placed on the distortion in prices and quantities derived from state action, but the critique later centered on the supposed "inefficiencies" in the public allocation of resources compared with the "always efficient private allocation." Privatization was advocated as the answer to improve both microeconomic (the individual enterprise) and macroeconomic performance. Given the deficiencies of public enterprises, the difficulties they seemed to be causing the economy, and a desire to increase access to assets by private interests, privatization of these enterprises was seen by international financial institutions as the ideal choice for governments.

The primary stated goal of all privatization efforts was to promote the private sector as an engine for growth and to increase efficiency and productivity in the economy.

In general, it was claimed that privatization policies would improve efficiency of resource use, foster competition, enhance the role of the private sector, obtain higher rates of domestic savings and investment and, last but not least, attract and provide opportunities for foreign investors. In addition, privatization would, it was said, reduce the size of the state, reduce the fiscal deficit,

provide better services and give the state immediate resources that would be used to reduce short-term debt and invest in social infrastructure or reduce other social expenditures.

The stated objectives of the privatization process can be broadly categorized in three main groups:

- ***Economic objectives:***
 - (i) improve the overall efficiency of the economy;
 - (ii) improve the efficiency, productivity and profitability of firms;
 - (iii) improve the quality of products and services; and
 - (iv) attract foreign investment.

- ***Fiscal objectives:***
 - (i) reduce government subsidies to public enterprises;
 - (ii) raise money from the sale of public enterprises; and
 - (iii) increase tax revenue from private enterprises.

- ***Social and political objectives:***
 - (i) improve the welfare of society;
 - (ii) promote the ownership of private enterprises by nationals;
 - (iii) create a property-owning middle class;
 - (iv) increase total employment in the economy; and
 - (v) reduce corruption and the abuse of public office.

III. Privatization Programs and Processes

Although sporadic privatization activities could be seen in some countries in the late 1970s, the process has accelerated since the second half of the 1980s. In **Bangladesh**, while the government began to de-nationalize the state-owned enterprises following independence and a large number of units were divested during 1975-81, the average size and value of divested units was much greater during 1983-90. In **Uganda**, following the launching of the Economic Recovery Programme (ERP) in 1987, the government published a policy statement on Public Enterprise Reform and Divestiture (PERD) in November 1991 that outlined its privatization strategy. In **Hungary**, the privatization process began during the years of systemic change (1989-90) and continued in several waves over nearly a decade.

Privatization programs and processes, as well as their economic and social impacts, have varied according to the specific features of the given sector of the economy. In the SAPRI exercise, studies exploring the effects of privatization in the public-utility, manufacturing and bank sectors were carried out. The performance of privatized and deregulated banking systems is addressed in the *Chapter 3, "Trade Liberalization, Effects on Production and the Small*

Enterprise Sector". This chapter focuses on the privatization of public utilities (El Salvador and Hungary) and industrial enterprises (Bangladesh, Hungary and Uganda), while also assessing the privatization of small businesses and the national pension system in Hungary.

Privatization has usually been carried out in several phases. In **Hungary**, for example, where almost 90 percent of production and the service sectors was under state ownership, privatization began with small-scale, state-owned firms, followed by larger companies. *Some 10,000 retail shops and restaurants were auctioned off and bought mainly by their former managers, and approximately 500 enterprises -- whose assets were valued at less than US\$4 million and whose receipts from annual sales totaled less than US\$1 million -- were sold to the private sector.* Following the privatization of productive sectors, *public utilities and the banking sector were privatized and purchased mainly by foreign investors.*

In **El Salvador**, on the other hand, the process was initiated with the privatization of the banks. The second generation of reforms that followed began with the sale of state enterprises that did not provide strictly public services, such as cement factories, sugar refineries and hotels. Steps were then taken to prepare the legal framework for the implementation of the *third generation of reforms, which aimed at privatizing services such as electricity distribution, water utilities, telecommunications and the pension system.*

IV. Methods of Privatization

Various methods of privatization have been used in the countries reviewed. Among the primary means have been the sale of assets, the sale of government shares, auctions, management contracts and repossession. In some countries, there has been some attempt to use various employment-preference schemes. *In no case, however, did employment-preference schemes result in a wider strata of small owners.*

In **Hungary**, there was a period (1993-94) in the course of privatization in which would-be Hungarian owners were given priority in the purchase of assets, and preference schemes, such as concessional loans, special guarantees, pre-emptive rights, and so forth, were introduced. During a subsequent period, a new government placed emphasis on obtaining higher revenue from privatization and, as a result, the preference schemes faded. In this period, the role of the stock market in the privatization process increased substantially. In general, the Hungarian privatization process was built on cash transfers, and the voucher form used in neighboring transition countries was not applied.

In **El Salvador**, in the course of an open-bidding process, 20 percent of each of the electricity-distribution companies was reserved for purchase by the workers or for "priority investors". In **Uganda**, one third of the enterprises were privatized through the sale of assets and another third through the sale of government shares. The methods of auction and

repossession were used to some extent. While there were no employee-preference schemes, workers did participate in the process in the case of three companies and eventually purchased those formerly public enterprises.

V. Economic Results of Privatization

The effects of privatization vary, depending on the type of enterprise. Furthermore, there are differences when assessing impacts from a microeconomic and macroeconomic perspective.

5.1 Experience of Small Businesses

Probably the most positive experience can be found in the privatization of small businesses. This phase of the privatization process in **Hungary** created a rather viable entrepreneur strata, and these firms are very important in local employment generation and in meeting local needs. The efficiency of these small shops has increased because management has been transferred from a remote central office to the local level, where all the necessary information is available for decisionmaking. However, these small businesses have had to compete on an uneven playing field with the arrival of large, foreign-owned shopping centers.

5.2 Privatization of Industrial Enterprises

The privatization of industrial enterprises was the backbone of the process of dismantling state ownership in a number of countries. Both micro- and macroeconomic impacts, as well as the social effects, of privatization are well illustrated by the results of the SAPRI exercise. One of the most serious arguments in favor of privatization was that it would increase the efficiency, productivity and profitability of firms and that, as a result, it would contribute to the overall efficiency of the economy and accelerate economic growth. At the microeconomic level, several SAPRI studies address the issue of the relative performance of public and private industries, although it is quite difficult to ascertain the exact performance change that could be attributed exclusively to the change in the form of ownership.

In Bangladesh, an earlier World Bank study analyzing the performance before and after privatization of 13 enterprises that were privatized in the first half of the 1990s *showed very mixed results.* Some firms increased their profits after privatization, others continued to sustain and even increase their losses, and some went out of business or were shut down. *When assessing the experience of privatization in the jute sector, it is evident that the main problem lies not in the ownership form but in the policy regime and management.* In the case of the jute mills, both the private and the public sectors have been equally sustaining losses, which have generally been attributed to the fact that production costs have tended to be higher than the export price of jute because of the out-dated equipment in the mills. Industry-wide data shows that labor productivity does not depend on ownership; rather, it depends on managerial efficiency.

At the Opening National Forum, before the field research, civil-society representatives delivered a similar analysis to the Bank, attributing the failure to increase efficiency through privatization to inefficient management, the scarcity and misuse of credit, and the virtual absence of technological and marketing support. They had noted that newly privatized firms had experienced an increase in non-performing loans and defaults and that many had closed, were struggling or were grossly exploiting labor. There was also a focused discussion on the failure of the jute-sector privatization to stimulate Bangladesh's industry. Indeed, the precipitous decline in jute production following its privatization had negative ramifications throughout the entire economy. Many jute factories closed and, according to Forum participants, as many as 39,000 workers were laid off. Participants blamed the World Bank, in part, because of the faulty advice that it provided. They argued that workers should be incorporated in the policy-design process so as to enhance its quality.

In **Uganda**, the past performance of public enterprises had been poor due to the country's violent political history and depressed economic situation. More recently, the reasons for their poor economic performance are multiple and complex. Key factors have been a scarcity of foreign exchange, thus preventing importation of raw materials to support production, and a shortage of spare parts, not to mention the need for replacement of obsolete plants and machinery. Another fundamental problem has been political interference that has led to poor management practices.

As for the *results of privatization*, the findings of the Uganda investigation reveal that *capacity utilization, sales revenue, tax contributions to government, profitability, and product quality and diversification have all increased* when compared with the period prior to the privatization process. The surveyed firms showed a positive trend in sales revenue over the period 1997-1999, when capacity utilization increased from 47 to 57 percent. All respondents in the field research were of the view that there has been an increased supply of goods and services on the market following privatization, as *a number of enterprises have been established to satisfy local demand*. Previously, there had been widespread shortages of most goods -- including sugar, soap and salt -- and much of what was available was imported.

In **Hungary**, *privatization became the engine of modernization because it brought a large wave of foreign direct investment into the country. At the same time, production and employment levels in the privatized Hungarian firms fell* to between one third and one half of original levels. While productivity began to increase rapidly at an average annual rate of 10-15 percent, this *improved performance was due to the multinational firms established in the country* and not to the Hungarian ones. Furthermore, *privatization was accompanied by a substantial reduction in research and development (R&D) activities*. A number of research institutes disappeared or shrank significantly. The ratio of R&D to GDP dropped from 1.4 percent in the 1980s to 0.7 percent in recent years.

5.3 Privatization of Public Utilities

Public utilities play a special role in a country's economy. They are "public" in that they serve the common interest of society and provide basic services that are essential to the lives and livelihoods of families and communities. ***Energy, water and, to some extent, mass transport and telecommunications are services on which modern societies are built.*** Because these are basic services, societies have generally assumed the responsibility for providing them, at least at a minimum level, to all of its members regardless of their income or geographical location. And, because public utilities are largely natural monopolies, the questions of availability, access and affordability are of even greater importance. For these reasons public services have been -- with occasional exceptions -- under public ownership. With the emergence and predominance of neo-liberalism, however, the supposed inherently greater efficiency of private property has been used as a justification for privatizing public utilities.

In SAPRI there were two countries -- El Salvador and Hungary -- in which assessments were carried out of the privatization of public utilities.

In **El Salvador**, the privatization of public services, such as electricity distribution, was part of the third generation of reforms that began in 1996. By privatizing electricity services, the state intended to increase its savings by reducing public spending that had previously been directed towards maintaining certain low rates and providing subsidies for low-income users. It was argued that privatization would increase economic efficiency, as measured by the lowering of costs and the generation of higher revenue. ***As a result of the privatization process, the four regional electricity-distribution companies that had been under state ownership were acquired by firms from Venezuela, Chile and the United States.***

Two years after the sale of these electricity-distribution companies, and in spite of the gradual upgrading of technology and equipment by the four foreign firms, ***there were no significant improvements in terms of service quality or coverage. Furthermore, rural areas were seriously affected both directly, by increases in electricity rates, and indirectly, due to price increases in other services that depend on electricity,*** such as deep-well pumps for potable water that are used in many communities. In addition, ***users with low levels of consumption, who constitute the majority of the population, have been the most affected by the increases in electricity rates.*** Low-end users saw their rates increase by 47 percent on the average, while users with the highest consumption levels experienced an average of a 24-percent increase in rates. Participants at the Opening National Forum also explained that ***higher electricity bills have contributed to the closing of many micro and small enterprises.***

The public savings that were supposed to have been achieved by privatizing electricity services in El Salvador are questionable. Subsidies continued to be necessary, through the use of social-investment funds, to ensure that services were provided to rural communities and other areas not deemed profitable by the private companies. The creation of a

new regulatory entity to cover privatized services also generated new costs. Furthermore, the process of ***privatization did not succeed in opening the market to free competition and full consumer choice***. The four privatized distribution companies now compete for only a 20-percent share of consumers in the market -- mostly large industrial, commercial and service companies. The remaining 80 percent of consumers have no possibility of switching providers, even though they may be dissatisfied with the service they receive. This reality undermines the system of free competition, which has been said to be a central purpose of privatization.

In **Hungary**, most of the process of privatization of public utilities was prepared and executed in the early to mid-1990s. By the end of 1995, around 42 percent of the property of the public-utility sector was under foreign ownership. Hungary is now second only to Great Britain in Europe in terms of the proportion of private ownership in the utility sector, but it is unique in that ***the country's fundamental utilities have become the property of state utility companies of foreign countries***. As a consequence of privatization, ***the quality of services -- except telecommunications -- barely changed at all, while prices increased at a much higher rate than did wages. Large segments of society now have severe difficulties in paying their electricity, gas, and water bills.***

Privatization of the energy sector and of the gas and oil industry was put on the country's agenda in 1990. The Hungarian Electric Works and the National Oil and Gas Industry Trust were each divided into separate companies, which were then sold off in 1994-95. Foreign investors were permitted to purchase up to 50 percent of company shares while, at the same time and in accordance with the privatization contracts, they received the majority of voting shares in the principal organs of the companies. Therefore, ***the control over these privatized companies was put directly into the hands of foreign investors, mostly European***, who subsequently used their position to gain majority ownership. ***Electricity rates for households rose precipitously and were ten times greater in 1998 than in 1989, causing serious difficulties for low-income groups. Public water-supply and sewage-disposal enterprises were also transformed*** in the 1990s. Only in the larger cities and municipalities were these utility companies privatized, and they are now mostly under foreign ownership; companies serving other regions remained as autonomous institutions under municipal ownership.

The communications sector was reorganized and partially privatized at the beginning of the 1990s and is one of the real success stories of the Hungarian transition. Telecommunications were separated from postal services, and shares in the new telecommunications company were sold on the New York Stock Exchange, with majority ownership under a consortium of European and American telecom firms. Although the company holds a monopoly position, it invested in and carried out a comprehensive modernization of the country's telecommunications system during the 1990s.

The results of the research in El Salvador and Hungary illustrate that -- with only some exception, as in the case of telecommunications in Hungary -- privatization of public utilities has not achieved its original goals. *In most cases, the increase in efficiency* (the ratio of revenue to expenses) *resulted only from the increase in prices following privatization. State subsidies were maintained in order to ensure supply to the poor and to those living in remote areas.*

With the market opening and the reform in rate structures, *large consumers benefited most, while rate increases for those who consume the least were much higher than the average.*

For these reasons, *the overall impact of the privatization of public utilities has been an exacerbation of inequality and a failure to contribute to macroeconomic efficiency.*

5.4 Privatization of Pension Systems

The investigation in **Hungary** reviewed the experience with the privatization of the nation's pension. A three-pillar pension scheme that was proposed by the World Bank was pushed through the Hungarian parliament in 1997. The first pillar of this scheme consisted of a pay-as-you-go, compulsory public pension, financed with contributions paid by employees. The second pillar was a compulsory private pension collected in individual capital accounts. The third pillar consisted of voluntary insurance and could be contracted through private insurance companies.

According to the law, every person entering the labor market for the first time had to join this three-pillar system, while those already employed had the right to choose within a certain period. The law provided substantial benefits to those who were already employed and opted to change to the private pillar. As a result, more than half of the country's employees changed to the private pension system, which led to an increase in the budget deficit of one percent of GDP.

From the perspective of civil-society organizations, *the new pension system primarily benefited higher-income groups.* The minimum benefit in the first pillar was so low that it was, for many, more like a small grant than a basic pension benefit. In the second pillar, future pensioners would pay a higher percentage of their income as a pension premium but, except in the case of those in high-income groups, might well receive lower benefits than before. And the voluntary insurance in the third pillar was, for all practical purposes, available only to those with high and stable incomes. Aware of these problems, the new government that took office in 1998 changed the system, giving much more emphasis to the compulsory public pillar.

5.5 Efficiency, Ownership and Macroeconomic Considerations

Summing up the experiences of individual countries, at the microeconomic level *there is no evidence that the form of ownership determines the level of efficiency or that privatization itself leads to greater efficiency.* In some cases, increases in productivity after privatization can be attributed to the performance of multinational firms that have located in a country as a consequence of the privatization process and the liberalization of capital flows.

At the macroeconomic level, at which the rate of economic growth can be taken as an indicator of efficiency, a review of the real rate of GDP growth in the countries studied shows ***no sign of any general acceleration of growth following the period of privatization*** that began in the 1980s. The experience of individual countries may differ, indeed, depending on their particular political or economic circumstances. For example, privatization in **Hungary** was accompanied by a steep drop in production, although this can be attributed not so much to privatization as to the impact of the collapse of COMECON cooperation. Furthermore, the upturn in subsequent years was due to the activity of multinational firms rather than to the privatized Hungarian ones. Yet, only a limited group of people benefited from this accelerated economic growth, while income and living conditions remained unchanged and even deteriorated for many sectors of society. The conclusion can thus be drawn that efficiency, even in cases where economic growth has accelerated, does not necessarily lead to an improvement in the well-being of the whole of society.

In terms of the ***fiscal objectives of privatization, in some cases there is evidence that privatization reduced government subsidies to public enterprises***, although this did not occur in the case of privatization of certain utilities. At the same time, ***in several cases it appears that governments did not realize their objective of raising funds from the sale of public enterprises because a number of these companies were undervalued when sold***. In **Uganda**, the majority (83 percent) of those consulted noted such undervaluation in declaring that the government did not meet its financial objectives in the sale of public companies. In fact, the government had also injected substantial capital into these enterprises prior to their privatization. In **Hungary**, a total of US\$9 billion was generated in revenue from the US\$17 billion of assets (in 1990 prices) that were privatized. The remainder, approximately half of the original amount, disappeared or was wiped out during the privatization process, or was lost because assets were undervalued when sold. In **El Salvador**, the sale of public assets, together with the income from the re-privatization of the banks, only generated two million colons (less than US\$230,000) or .002 percent of the country's GDP.

Privatization involves the reallocation of property and property rights in a country. Local populations, however, often possess only limited capital that can be invested in newly privatized firms. Where there are not realistic possibilities to establish broad-based national ownership, or perhaps a lack of political interest in doing so, there is a danger of "selling off" the entire economy and polarizing the country between powerful capital holders -- often foreigners or ethnic minorities - - and destitute wage earners.

In **Uganda**, as in many other countries, ***the principal beneficiaries of the privatization program have been foreigners***, who obtained 75 percent of the total divestiture proceeds, while the local population gained only a 16-percent share. This point was driven home at the Opening National Forum in Kampala. Participants reported that privatization has enriched a few transnationals and other large companies at the expense of the Ugandan people and is seen by

many as “legalized robbery”, portending major problems down the road. In **El Salvador**, *the privatized electricity-distribution companies were acquired by foreign firms*. In **Hungary**, privatization -- together with new plants built by foreigners -- resulted in *a level of foreign ownership that is exceptionally high by international standards*. According to a study published by UNCTAD in 1999, the nation with the largest share of its exports produced by transnational firms is Hungary, at 65 percent. In countries of similar size that are much more integrated in the European Union (e.g., Sweden and Finland), the percentage is only in the 10-20 percent range. The share of foreign capital exceeds 50 percent in almost all branches of industry in Hungary, and foreign owners dominate the banking sector, as well. As a result, *a dual economy has emerged* in which all the important branches of industry are in foreign hands. While the short-term goals of privatization in Hungary included the rapid liquidation of state property and an increase in government revenue from its sale, there was no long-range concept of a need to ensure transparent regulation and maintain control over national economic management.

While certain amounts of foreign ownership in the industrial and service sectors may be advantageous for a developing or transition country because it might bring in advanced technology, knowledge and new products, the overwhelming effects of foreign influence may cause much uncertainty and difficulties. The dominance of foreign capital often obstructs the development of local industries or crowds out existing ones. Foreign firms are volatile, seeking higher profits from lower labor costs, and might decide to relocate, laying off employees and causing serious problems at the local level. At the macroeconomic level, the repatriation of profits or the withdrawal of capital can cause current-account problems and, in the worst of cases, destabilize the local currency. The general problem with the dominance of foreign ownership is that the decisions affecting the lives of local populations are taken out of the control of local societies and are made by those who are not responsible for the well-being and security of local people.

VI. Social Results of Privatization

While the record of privatization is mixed in regard to achieving its economic objectives, its consequences are quite disappointing in social terms.

6.1 Employment Effects

One of the major stated objectives of privatization was to increase employment, but in most cases *the privatization of public enterprises has failed to meet the anticipated goal of creating more jobs*. In nearly all the public enterprises that have been privatized, *the laying off of employees has been a major aspect of the reform*. Privatization has led to an increase in the demand for specialized skills but *has lowered employment levels for the unskilled*. In particular, *privatization has worsened the employment situation of women who have lacked specialized skills*.

In **Bangladesh**, about 89,000 workers were retrenched during the period 1995-1997, and another sizable number of employees were awaiting dismissal as a result of further privatizations. Studies of the employment situation based on a survey of 205 privatized enterprises indicate that, among the firms still in operation, their *workforces have been reduced by about a quarter*. When taking into account those privatized firms that folded, nearly 40 percent of workers employed in the previously state-owned enterprises lost their jobs. *Furthermore, there has been a tendency to replace permanent workers with temporary labor, thereby reducing the overall job security of the employees who remain*. Many of the latter, SAPRI Forum participants reported, are not receiving benefits.

In **Hungary**, privatization, as a rule, reduced the number of employees in the affected firms. Foreign direct investment, being capital-intensive, barely contributed to employment generation, creating jobs for only two-to-three percent of the labor force. Thus, privatization did not result in higher employment levels nationally. In the public-utility sector, National Forum participants charged, the national government failed to live up to its commitments to the labor unions, and extensive layoffs ensued. Maintenance people were particularly hard hit, and this has led to declining services. Furthermore, the Forum participants said, *the very real threat of unemployment has led workers to compromise their rights*. It has become common practice, they reported, for newly privatized companies to contract employees for only one-to-three months at a time, leaving workers in a highly vulnerable situation. *In this environment, employers have proceeded to ignore safety regulations, as well as to sweep aside or obstruct the formation of trade unions*. This practice, they added has been facilitated by the country's Employment Code, which came into effect in 1992.

Only in **Uganda** did a survey (of 39 privatized enterprises) show an *overall average increase in employment*, although the study concluded that the employment level was increasing at a decreasing rate. A breakdown of the firms surveyed showed, however, that approximately one third actually expanded employment levels, while a similar number experienced no change in employment and nearly as many firms actually saw declining employment levels. Indeed, those attending the Opening National Forum reported that the *inadequate expansion of the private sector has enabled a sharp increase in unemployment*. Those who have been retrenched by privatization have received little or no severance pay or training, leaving them to seek survival in the informal sector. The Forum participants added that *the newly privatized enterprises have not provided job security or followed labor regulations*. They have defied the Constitution by not recognizing trade unions and by firing union organizers. Government regulatory mechanisms and laws have been weakened.

In general, while neo-liberal theory predicted an increase in national employment after privatization as a consequence of attracting foreign direct investment and improvement in overall efficiency, SAPRI evidence shows no such tendency. *While there might have been a positive*

employment impact in particular enterprises, there has been no such impact at the macro level. Privatization has only reallocated income at the national level, failing to contribute to macroeconomic efficiency.

At the enterprise level, while privatization has often increased the wages of some of those who were able to keep their jobs, not all employees have benefited. In Uganda, for example, employees who retained jobs in privatized firms received improved earnings, better benefits (e.g., medical insurance coverage and loan facilities) and greater opportunities for career enhancement. These improvements have been primarily due to increased productivity and output, as well as to the growing number of foreign-owned companies, which tend to pay higher salaries than do local ones. SAPRI Forum participants noted, however, that expatriates have received the higher-level jobs, leaving Ugandans with the low-level posts. Indeed, they complained of new private owners underpaying their Ugandan employees. At the same time, *the move toward rationalization of privatized firms worsened income distribution, since the most vulnerable groups* (i.e., those with low levels of education and low wages, most of whom are women) *were in fact retrenched in the process of privatization.* Furthermore, privatization has significantly increased discontent among workers in the sense that improved pay has come with increased workloads and other performance criteria that can be detrimental to the workers.

6.2 Impact on Women

In most cases, *privatization was costly for women, as they tended to be the ones with little or no specialized skills and, thus, formed the highest percentage of those laid off* by the new owners. In Bangladesh, for example, privatization policies have led to widespread labor retrenchment, and the women who lost their jobs in this process were likely to be unskilled. Very few training programs for alternative employment opportunities have been arranged for retrenched workers, and *women found even fewer alternative job opportunities* after losing their formal-sector jobs in mills and factories. Women have also been indirectly affected by the loss of jobs by male household members and the consequent reduction in family earnings.

In Hungary, *women have often had to face discrimination by the new owners of privatized firms*, who tended to rid their workforces of pregnant women and mothers with small children. In the case of privatization of public utilities, as was seen in El Salvador, women have tended to bear the brunt of rate increases following privatization of electricity distribution. They have been forced to *increase their domestic workload in order to compensate for reduced family consumption of electricity.*

6.3 Family Welfare

While those who have retained their jobs and maintained an adequate income stream were provided with a wider range of consumer choice as a result of privatization, a broad range of households were adversely affected by this process due to layoffs and higher utility rates and service fees.

In **Bangladesh**, *many jute-mill employees who had enjoyed reasonably good living conditions lost their jobs and have suffered hardships as a result of privatization. They have been unable to feed their children properly, let alone send them to school* and attend to their other necessities. Some former jute-mill workers resorted to selling their personal assets, including land passed down through their families for generations and whatever they accumulated over their years working at the mills.

Meanwhile, the privatization of public utilities and services very often increased the prices of these services at an exceptional rate. In **Hungary**, *where the prices for privatized services have risen twice as much as wages, paying for electricity, water, remote-heating service and gas caused nearly or, in some cases, entirely unsolvable problems for poor families and especially for pensioners.* According to National Forum participants, the rates have been increased to guarantee returns to private investors. In addition, the privatization of the public dental service in 1995 resulted in dentists without patients, on the one hand, and patients without good teeth, on the other, obligating the following government was to re-establish the original state of dental care.

In **El Salvador**, as mentioned earlier, *electricity rates increased by 47 percent for low-end consumers* in the two years following privatization of distribution services, twice as much as the rate increase for high-end consumers. In some cases, in fact, rates for the highest levels of consumption, primarily the industrial sectors, dropped slightly during this period. Thus, *privatization has both increased hardships for the poor and exacerbated inequalities.* Those attending the SAPRI Opening National Forum from around the country explained that the *higher rates have forced poor families to ration electricity use or resort to traditional energy sources, such as firewood, significantly increasing the demands of housework, as well as environmental damage. These demands, and the need to reduce family costs while adding to family income, have forced many children to leave school in order to work.* UNICEF calculated that the number of working children in El Salvador doubled during a recent three-year period. At the same time, Forum participants reported, *access to electricity and the quality of service have declined.* Low-income communities in rural areas, they said, have been hardest hit. The newly privatized electricity-distribution companies do not see most rural areas as sufficiently profitable and therefore prefer to export power to neighboring countries. There are regular and prolonged blackouts in some areas, overcharging is common and customer complaints are rarely addressed.

6.4 Distribution of Wealth

The *objective of creating a strong property-owning middle class through the privatization process was not achieved* in the countries examined. Programs that were destined to support the purchase of state property by employees and small businesses were weak, and governments, seemingly uncommitted to this goal, did little more than pay lip service to it in order to weaken the opposition to privatization from these social groups. There were also technical problems, such as the lack of viable capital markets.

In **Uganda**, the majority of respondents (82 percent) in the survey carried out as part of the SAPRI research believed that the objective of creating a property-owning middle class had not been achieved. *Very few Ugandans participated in the privatization of public enterprises*, and the process has had a negligible impact on the well-being of most of the population. In **Hungary**, the situation is similar. *Only very limited segments of society were able to participate in the privatization process and acquire state property*. The heads of state-owned enterprises frequently became owners, National Forum participants pointed out, when these firms were converted into private partnerships. The relatively large middle class that developed during the period of rapid growth under socialism in the 1960s and 1970s has not been strengthened but, rather, has eroded. *The preference given to foreign investors diminished opportunities for local entrepreneurs to acquire privatized firms*.

VII. Transparency

It was a general perception of civil-society organizations consulted during the SAPRI investigations that *privatization had been accompanied by corruption and a lack of transparency*.

In **Uganda**, the majority (93 percent) of those interviewed were of the view that the privatization program was generally poorly managed and lacked transparency. There was also a widespread belief that privatization processes had not been free from political interference, corruption and underhanded dealings in which foreigners and state officials were the only beneficiaries. Public demonstrations have ensued. *The bidding process was revealed, in fact, to have been unfair and biased in favor of certain entities*. Although the government documented the way in which the divestiture proceeds were utilized, *there remains suspicion that the proceeds have been mismanaged*.

In **Bangladesh**, the *process of privatization also showed signs of corruption*. There was no open tender, and valuation of the jute mills that were privatized was not done in a transparent manner. Just prior to privatization, profitable state-owned enterprises became losing concerns, and *mills were sold at a very low price through an unholy alliance between the owner and policymakers*. Furthermore, corruption took place in managing the mills even after

they had been privatized. It very often happened that the owner himself overvalued the price of the purchased jute or other raw materials, as well as the machinery, and showed a loss on the balance sheet.

Civil-society representatives at the Opening National Forum in **Hungary** complained of the corruption and cronyism that plagued that country's privatization process, as well. They pointed to the inside dealing that enabled the transfer of public assets to the hands of a few influential individuals and to the decline in the value of affected firms.

In **El Salvador**, where there was a two-phased privatization process, *the first generation of reforms was widely criticized for the lack of transparency in its management and implementation*. While there was more public debate during the second phase, the general perception of the consulted population is that the program implemented -- including the regulatory framework, the functioning of the privatization agency, the criteria for supervision, and the regulation of tariffs -- was not informed by, nor was it sufficiently known to, the public. According to Opening National Forum participants, the lack of transparency has led to a low level of public confidence in the supervision of the program and in the allocation of the revenues generated by the privatization sales, especially in the case of electricity distribution.

VIII. Conclusion

The SAPRI investigations found that the effects of privatization varied, depending on the type of enterprise and the management of the process. Yet, overall, economies did not benefit as a whole, while significant sectors of country populations were adversely affected.

In some cases, limited economic benefits were found at the enterprise level, although not all privatized companies have increased productivity. For those that did, the gains did not translate into improvements at the macroeconomic level. Governments were found to have poorly managed the privatization processes, which lacked transparency, and the methods adopted for privatizing firms typically involved a top-down approach to setting rules. Not surprisingly, the benefits of privatization have tended to flow almost entirely to those managing the process, thereby worsening the distribution of wealth. Retrenchments, which usually accompany the privatization process, exacerbated national employment situations, inequalities increased, and the poor were left generally worse off. The process has also led to the displacement of domestic owners by foreigners.

When assessing the impact of privatization, a distinction must be made between the privatization of industrial enterprises involved in production and those enterprises that deliver basic services, such as water and electricity. In the country reviews of the privatization of public utilities, it was found that rates tended to increase without any improvement in service quality or coverage, thereby worsening access to essential services, with serious consequences for poor communities

and families. The specific findings regarding privatization of public utilities can be summarized as follows:

- ***Utility-rate increases following privatization created further hardships for the poor and low-income segments of society.*** In some cases, this led to an increase in the burden on women and to further environmental degradation.
- ***Fiscal benefits from privatization have been at least in part derived from eliminating subsidies that allowed the poor to access services.*** In fact, where state subsidies remained in place to ensure the supply of services to the poor and those living in remote areas, the presumed fiscal benefits from privatizing government ownership and management functions were eliminated.
- ***The anticipated increase in efficiency of utility companies, when it did occur, in most cases did not result from improved operations.*** Rather, the ratio of revenue to expenses rose as a result of price increases facilitated by virtual monopoly situations and weak government regulatory mechanisms.
- ***Privatization has placed strategic services under foreign control.*** Most of the privatized assets in the countries studied have been purchased by foreign companies, some of them public enterprises. As a result, the provision of services such as electricity, water and telecommunications in these countries now responds to the interests of foreign capital rather than to local needs.

The privatization of industrial enterprises was found to have had mixed results, depending on a range of pre-existing conditions. Some firms saw a growth in profits, others sustained or even increased losses, and some have gone out of business or have been shut down following privatization. Conclusions from the review of the privatization of industrial enterprises in the countries studied can be summarized as follows:

- ***There is no evidence that the form of ownership determines the level of efficiency of a particular enterprise.*** Overall, the increased profitability of privatized enterprises observed is due to circumstances that can exist under either private or public ownership. In some cases, increases in productivity at the microeconomic level can be attributed to the liberalization of capital flows and to the fact that transnational firms with ready access to capital had become the new private owners.
- ***At the macroeconomic level, the real rate of growth in gross domestic product in the countries studied has revealed no trend toward acceleration resulting from privatization.*** Even though the experience of individual countries varies depending on political or economic circumstances, privatization in itself has shown no sign of leading to an increase in overall macroeconomic efficiency.

- ***Foreign ownership has increased as a result of privatization, potentially threatening national economic sovereignty.*** While foreign ownership may bring advanced technology and new knowledge and products, the dominance of foreign capital tends to obstruct the development of local industries or crowd out existing ones. At the macroeconomic level, the repatriation of profits and the withdrawal of capital have caused current-account problems and, in the worst of cases, destabilized the local currency. Furthermore, foreign firms, seeking higher profits from lower labor costs, have in some cases suddenly decided to relocate and lay off employees, causing serious problems locally and illustrating the dangers of allowing decisions affecting the lives of local populations to be made by those who are not responsible for local well-being and security.

The effects of privatization programs on the distribution of wealth are a central concern raised in the country studies. Privatization has not improved the socioeconomic welfare of the majority population in these societies, as the main benefits have flowed instead to a small group of the already privileged. In the privatization of both utilities and industrial enterprises, the following problems were observed at the national level:

- ***Unemployment and job insecurity have increased overall.*** Layoffs accompanied privatization across the board, and new employment generation did not always compensate for jobs lost. Privatization has fostered discontent among those workers who did not lose their jobs, because workloads have increased, employment has become less secure, and the power to organize and negotiate with employers has been weakened.
- ***Privatization has contributed to increasing inequality.*** Income distribution has worsened as large numbers of low-skilled, low-wage workers have been the first to be laid off. This has been ***particularly detrimental to minority groups and women, who tend to lack specialized skills.*** Job-training or other similar programs, where they have existed, have been either ineffective or insufficient to address the problems of the newly unemployed. While new employment generated in privatized firms has tended to be better paid, these jobs have required higher skill levels. Furthermore, the anticipated creation of a strong property-owning middle class through privatization has not occurred. Overall, wealth has become more concentrated.
- ***Privatization processes have lacked transparency.*** Governments have often poorly managed privatization programs and failed to involve workers and citizens' groups in these processes, while regulatory mechanisms have proven ineffective in ensuring adequate oversight. In SAPRI countries, taxpayers have felt robbed of their public assets, and governments have been ***unable to raise the levels of revenue anticipated from enterprise sales because many were undervalued when sold.***

State enterprises often serve important social or national objectives, so the utility of a given public company cannot be measured solely by the profitability of the firm itself. While the privatization of such enterprises may increase their profitability in a narrow economic sense, it may destroy important external social and national benefits, thereby reducing efficiency in the broader sense. Furthermore, the desired role of state-owned firms should depend on the development level of the particular country. In capital-poor developing countries, state-owned enterprises may help technological development, strengthen local industries and improve employment levels.

Given these considerations, the following basic recommendations emanate from the SAPRI studies. A decision on privatization should involve considerations of the strategic social and national functions that the enterprise serves; it should not be based solely on narrowly defined measures of efficiency or profitability. A mix of different ownership forms, based on each country's unique set of social, economic, political and cultural circumstances, can best serve the development needs of that country. Experiences in SAPRI and other countries with the privatization of essential public services, however, suggest that these should remain under state or local government control in order to best ensure the provision of affordable quality services to all segments of the population. In any event, decisions regarding ownership structure should be made locally, and foreign loans and aid should not be tied to any pre-conditions in this regard.

Although the benefits of foreign investment and ownership are recognized, measures should be taken so that transnational companies do not displace local firms through privatization processes. Priority should be given to support the development of domestic industries to meet local needs. Finally, mechanisms of citizen participation should be developed and supported in order to facilitate a transparent flow of information, which would in turn diminish corruption and give citizens greater influence over decisionmaking processes.

The Impact of Agricultural Sector Adjustment Policies on Small Farmers and Food Security

I. Introduction

This chapter summarizes the social and economic impacts of agricultural-reform policies drawn from three SAPRI assessments carried out in **Bangladesh, Uganda** and **Zimbabwe**, as well as from CASA exercises in the **Philippines** and **Mexico**. There were some differences in the focus of each of these investigations. The research in Uganda and Zimbabwe looked at the effects of a series of policies in the agricultural sector, while the Philippines study adopted an approach that analyzed the impact of a particular policy on a specific agricultural sub-sector. In Bangladesh there were two separate studies carried out, one focusing on the sectoral reforms' impact on crop-sector profitability and the other addressing the issue of food security.

The agricultural sector is regarded as the backbone of the Zimbabwean and Ugandan economies, providing employment for about 70 percent of their respective populations. It contributes about 40 percent of total export earnings in the case of Zimbabwe and 43 percent of GDP in the case of Uganda. In Bangladesh, the sector represents one third of GDP. In the Philippines, rice is the main source of income in the rural economy and constitutes the staple food for about 85 percent of the population.

The performance of the sector prior to the reforms in these countries had been deemed inadequate by the international financial institutions for a number of reasons. In Uganda, agriculture was said to have stagnated because of an overvalued exchange rate and the inefficient operations of the parastatal agricultural marketing boards, which had discouraged production. In Bangladesh, production inefficiency, inequity in food-grain distribution, and inadequate foreign exchange for the importation of farming supplies was seen to be undermining the potential of the agricultural sector. In Zimbabwe, the government's direct involvement in production, distribution and marketing of agricultural inputs and commodities was considered an obstacle to the development of the sector.

II. Objectives, Policies and Strategies of Agricultural Reform

The agricultural-reform policies in the various countries studied were implemented within the framework of structural adjustment programs supported by the World Bank and IMF. The principal stated objectives of the reforms in the various countries were to increase agricultural productivity and production, boost agricultural exports as a basis for national economic growth, improve farmers' incomes and ensure food security.

The policies pursued reflected the development strategy favored by the Bank and Fund. At the macro level, the strategy includes: a reduction in the role of the state in order to reduce government expenditure; restrictive monetary as well as fiscal policies; an expansion of the role of the private sector to promote economic growth; and liberalized internal and external trade intended to allow the market, rather than the government, to direct resource allocation and determine prices of inputs and outputs. While countries implemented similar restrictive macroeconomic programs, which had their own impact on the agricultural sector, there were differences in emphasis when it came to the specific sector policies pursued in each nation. These depended in large part on the diagnosis of the principal reasons deemed to have been holding back the respective agricultural sectors.

Below is a summary of specific policies aimed at reforming the agricultural sector in the countries studied.

In **Zimbabwe**, the main policies were:

- (i) reduction of direct state involvement in the production, distribution and marketing of agricultural inputs and commodities;
- (ii) removal of subsidies on agricultural inputs and credit;
- (iii) liberalization of export and import trade; and
- (iv) privatization of agricultural marketing.

In **Uganda**, the reforms emphasized:

- (i) liberalization of the exchange rate (to eliminate currency overvaluation);
- (ii) control of inflation;
- (iii) liberalization of trade in agricultural inputs and outputs;
- (iv) provision of export incentives to the private sector (removal of export tax); and
- (v) removal of government subsidies in the agricultural sector.

In the **Philippines**, the principal policies were:

- (i) foreign-exchange liberalization and currency devaluation;
- (ii) price and market liberalization;
- (iii) parastatal reform and privatization;
- (iv) export promotion; and
- (v) removal of subsidies.

In **Mexico**, the measures adopted included:

- (i) constitutional reforms facilitating the privatization and concentration of land and natural resources;
- (ii) reduction of state participation in agricultural production;
- (iii) privatization of the production and distribution of agricultural inputs and services; and
- (iv) liberalization of trade in agricultural commodities.

In **Bangladesh**, emphasis was placed on:

- (i) increased private-sector involvement in irrigation and fertilizer distribution;
- (ii) reduction in subsidies on agricultural inputs;
- (iii) introduction of floor prices for some agricultural products; and
- (iv) liberalization of food-grain exports and imports.

III. Process of Policy Design

The lack of participation in the design of these policies by the people most affected by them was an issue of concern right from the outset of SAPRI. Policy design has been the preserve of technical experts in the Ministries of Planning, Finance and Agriculture and the World Bank and IMF. In **Zimbabwe**, interviews with stakeholders in the agricultural sector revealed that there had been no consultation with farmers' groups representing either large-scale producers or smallholders.

In **Bangladesh**, consistent with the criticism of all adjustment programs, agricultural policies were seen as "coming from above" from the powerful donors, with inadequate consultation and no effort to take into consideration the concerns of the poor. In **Uganda**, interviews carried out under the SAPRI study, as well as earlier studies, indicate that, while the rural poor are able to articulate the impacts of economic policies that they experience in their daily lives, they have been given little information about the specific policies negotiated with the Bank. Civil-society representatives attending the Opening National Forum in Kampala stressed that the government had not consulted local producers in the process of policy formulation and had instead imposed policies that did not take into account micro-level dynamics.

IV. Impact of the Reform Policies

4.1 Economic Impact

4.1.1 Production

One of the basic principles behind market liberalization is that the removal of distortions in the market will eventually increase the real producer prices for specific commodities, benefiting individual farmers and giving them a direct incentive to increase production of those goods. According to the country assessments, however, instead of benefiting farmers across the board, ***the impact of the reform policies on agricultural production has been mixed.*** These results are

not surprising in that they reflect differences in the structure of the economies in the different countries, as well as their internal inequalities. In **Uganda**, for instance, agriculture is dominated by small-scale producers, while, in **Zimbabwe**, a small group of commercial farmers dominates agricultural production. In some countries -- such as Uganda, Bangladesh and Zimbabwe -- studies indicated that overall agricultural production increased, while in others it declined. Just as importantly, within individual countries the production of some crops increased while that of others fell.

Export promotion has been an important element of the agricultural-reform programs designed to stimulate agricultural-led growth in all of these countries. Yet, *in several cases this emphasis has led to heightened inequalities, as many farmers have lacked equal opportunities to enter and benefit within a liberalized market. In addition, constraints such as lack of rural infrastructure were inadequately addressed, and export earnings were subject to world price fluctuations.* In some countries, such as **Zimbabwe**, the expected market diversification did not occur, while in others, like the **Philippines**, an increase in agricultural-export earnings in one sub-sector occurred at the expense of others. *Furthermore, production for export has often occurred at the expense of production for the local market*, as has been the case in **Mexico**.

In **Zimbabwe**, the production of maize increased marginally from 1.42 million tons in 1997/98 to 1.54 million tons in 1998/99 -- a level of production that remained below the approximately 2.5 million tons required for human consumption and livestock feed, representing a change from the persistent surplus in production experienced years earlier. *This shortfall in production is attributed to liberalization, which has resulted in the shift to tradables*, such as horticultural products. *Furthermore, the rising cost of inputs, such as seeds and fertilizer, reached such heights that the communities were forced to drastically reduce acreage under cultivation. Following the removal of subsidies on fertilizers and other agro-chemicals, their prices shot up by over 300 percent* in five years. In addition, the more stringent repayment procedures of the Agricultural Finance Corporation that were established under the adjustment program made this traditional source of assistance to small farmers inaccessible.

Rural-sector representatives at the Opening National Forum in Harare explained that *farmers' competitiveness has been hurt by cuts in government spending on roads and transport systems, as well as processing, storage and distribution systems. Farmers have also been negatively affected by the loss of information once provided by state marketing boards, by an insufficiency of technical services and by high interest rates*, as well as by a lack of access to land.

The case of cotton in Zimbabwe illustrates the *problem of market monopolization by large companies after liberalization*. Prior to reforms, a number of firms competed to purchase farmers' produce. However, deregulation of the cotton industry in 1993 created the context for

the Cotton Company of Zimbabwe (Cottco) to dominate the industry and thereby to establish monopolistic control of cotton prices, set quality standards that small farmers are unable to meet and, at the same time, cut back its input credit scheme from which many small farmers had benefited. *As a result, most small farmers are no longer able to sell their produce at prices that cover their costs and still meet the quality requirements* demanded by Cottco.

In the livestock sector of Zimbabwe, the *significant decline in the cattle population* was attributed to several economic and environmental problems. *Currency devaluation that was intended to promote exports served to increase the price of imported feed*, significantly raising costs to farmers. Market liberalization of the beef sector induced private-sector involvement in livestock purchases and in the slaughtering and marketing of beef. *It also removed government price supports, which led to a drop in commodity prices to farmers*, as the state-run Cold Storage Commission of Zimbabwe was no longer able to compete.

In **Uganda**, the area under cultivation of coffee, the country's main crop, increased from 250,000 hectares in 1992/93 to 300,000 hectares in 1999/2000 while production rose from 2.8 million (60-kilogram) bags to 3.2 million bags. *This increase resulted from a government program to expand coffee plantations through an export-promotion drive, which included the removal of export constraints and the improvement of physical infrastructure.* However, this occurred as world coffee prices plummeted during the second half of the 1990s, so that the *value of coffee exports fell* from a peak of US\$432.5 million in 1994 to US\$164.8 million at the end of the decade.

Fish production in Uganda also increased with the advent of export trade in the sub-sector, but it later started to decline as a result of liberalization. *Overexploitation of lakes by fishermen seeking to take advantage of market opportunities and make quick profits led to environmental problems*, depleting fish stock and endangering future production. Furthermore, *prices on the local market increased and rendered fish unaffordable to local communities* that had previously relied on this inexpensive and nutritious food product.

The *decline of production in the livestock sector* in Uganda resulted from a number of factors, some of which are a result of liberalization, such as the increase in the price of veterinary inputs. In addition, demand for meat has decreased as a result of increased poverty due to retrenchments and the restructuring of the labor market, as well as of currency devaluation that reduced the real value of the shilling. There has been a dramatic shift toward poultry rearing and consumption, as both fish and meat are no longer affordable for many households.

In the **Philippines**, government support for rice production has not kept pace with the rising needs of the growing population. This has been due in part to *the quantitative ceilings on budget deficits imposed by the IMF that have prevented adequate and necessary investments in the rice industry, thus leading to a decline in production of rice.*

On the other hand, *in the case of shrimp farming in the Philippines, the policy reforms led to a conducive environment that stimulated investment in shrimp production for export*. This resulted in the adoption of intensive shrimp-farming methods that were intended to shorten the loan-repayment period and increase profits. A direct socioeconomic *impact of this experience, however, has been the loss of common property rights in favor of private ownership of land and water resources* through permits or titles. Furthermore, *this intensive production has had quite negative environmental consequences*.

In Bangladesh, *policy reforms that dramatically lowered input costs*, together with the spread of irrigation, fertilizer use and adoption of improved seeds, *led to an increase of about 40 percent in food-grain production* in the 1980s. *With the deepening of adjustment reforms in the 1990s, however, agricultural growth was driven by production in the non-crop sectors -- i.e., forestry, fisheries and livestock -- as a result of growing demand constraint, lack of export markets and declining real prices*.

4.1.2 Farmers' incomes

Again, one of the important principles of liberalization is that when prices are determined by the market there will be a more efficient allocation of resources within the productive sector. Farmers are expected to respond rationally by allocating more of their productive resources to those commodities that fetch higher prices and hence increase their household incomes. Although this was one of the major objectives of agricultural reforms, it did not occur in practice in the countries studied. *Contrary to the assumptions underlying the reforms, production in the sector is not homogenous and farmers do not have equal opportunities to enter and gain in an open market system*.

In Zimbabwe, the study found that *liberalization did not necessarily result in higher prices to farmers overall. Large-scale farmers, who enjoyed economies of scale, as well as export producers, who benefited from currency devaluation, may have enjoyed increased incomes. Smallholders and communal farmers and those who produce for the domestic market, however, have not. The situation of smallholders was most affected by the removal of subsidies on agricultural inputs, a reduction of public expenditure on extension services and the high cost of credit*, which increased the cost of production and also reduced the returns to most farming activities. Furthermore, as a result of liberalization, *private middlemen replaced the state in the marketing of farm inputs and produce for the smallholder sector*. This placed these farmers at a disadvantage as far as determining the price of their produce was concerned. Ill-informed about market conditions and facing transportation and infrastructure constraints, they have been forced to sell at low prices, sometimes even below market prices, such as during the 1995/96 season.

In participatory surveys carried out as part of the SAPRI research, **Zimbabwean** farmers complained that, prior to the reforms, they were buying agricultural inputs such as seeds, fertilizer and farming equipment at relatively cheap prices, but the *liberalization of trade introduced by the adjustment program had allowed traders to charge exorbitant prices for these inputs*. Farmers further argued that, forced to reduce their purchases of inputs, they suffered low yields, particularly in areas with low rainfall or characterized by poor soils. They said the *phase-out of subsidies on agricultural inputs should have been more gradual*. High interest rates and the difficulty of obtaining loans due to the banks' demand for substantial property as collateral security were also general complaints. Lack of an adequate land-redistribution program was another reason cited by communal farmers for their plight.

In **Uganda**, the picture was quite similar. The assessment there concluded that *agricultural reform and liberalization had not improved the real incomes of farmers, particularly the small-scale ones*. Although *producer prices for some crops rose, there was also a general rise in the cost of production*, and only those farmers who already had the resources were able to benefit.

As a result of inadequate investment in the rice industry in the **Philippines**, productivity has remained low, and this has translated into low levels of income for rice farmers. In the case of shrimp farming, export-oriented production fostered by the *policy reforms led to the application of commercial methods of intensive shrimp production. The resulting overexploitation of natural resources in the search for quick profits generated both environmental deterioration and a reduction in areas for cultivation of traditional crops*, which, in turn, limited the capacity of local communities to engage in traditional economic activities. *This led to increased income erosion and growing inequality*.

In **Bangladesh**, findings on crop-sector profitability indicate a decline in the 1990s. *Liberalization measures*, it was agreed at the Opening National Forum, *have resulted in a disproportionately large increase in the price of productive inputs*, including import-dependent fertilizers, seeds and irrigation equipment. *The withdrawal of subsidies for the poor, the privatization of the agricultural-input distribution system, the oligopolistic behavior of private input traders, the inadequate provision of food-purchase and storage facilities by the government, the decline in the regulation of fertilizer, seed and pesticide standards, and reduced access to formal credit institutions and affordable micro-credit have hurt small farmers in particular*. At the same time, the prices of most crop-sector produce have only marginally increased. *With cost increases outweighing the impact of price rises, farmers overall failed to benefit from the reforms*.

In **Mexico**, a series of participatory workshops in four different regions of the country revealed a *significant deterioration in conditions for small-scale producers and peasants* in rural areas. Participants indicated that *the dismantling of state services and the withdrawal of*

subsidies for rural production created an unequal playing field in which large-scale producers and foreign companies gained at the expense of small farmers, who could not afford the increasing costs of production and did not have access to affordable credit. Under the adjustment program, placing priority on modernized and large-scale agriculture has created new problems, such as contraction and segmentation of the domestic market, dependency on imports and reduction in consumption. *The result has been a growing number of people living in extreme poverty.*

4.1.3 Food security

In most of the sample countries, ensuring food security was a specific objective of the reform policies. In this context, food security has been understood to mean access to adequate and nutritious food by all people at all times. Adjustment measures have been designed based on the assumption that local supply is not important, as access to food could be obtained through the market.

All the country studies, with the exception of the one in Bangladesh, concluded that there had been *a worsening food-security situation as a result of the agricultural reforms*. In light of the level of vulnerability of the rural poor and the decline in the income levels of farmers, as evidenced above, agricultural-reform policies should have been oriented to address both overall food supply as well as access to adequate, quality food by all population groups.

In **Zimbabwe**, where food production during the 1990s did not keep up with population growth, *the food-security situation worsened* at the end of the decade, with 30 percent of children under age five chronically malnourished. The SAPRI investigation found that *the reform policies led to a reduction in the capacity of rural communities to produce their own food due to the rising cost of agricultural inputs*. Policy interventions promoted the commercialization of smallholder agriculture, emphasizing production for cash rather than for home consumption. Small-scale farmers were unable, however, to afford expensive hybrid seeds and fertilizers. Farmers were forced to reduce acreage under cultivation, while land fertility dropped owing to limited use of fertilizers and inadequate extension services, and yields decreased.

A policy focus on shifting national production toward horticulture, which became the second largest agricultural foreign-exchange earner after tobacco, also did not benefit small-scale farmers. *Zimbabwe's export push*, SAPRI Forum participants said, also *shifted land from the cultivation of maize and other food crops to that of other high-revenue-generating export crops*, such as paprika and cotton. *This has created shortages of basic staple foods and further raised consumer prices*. Hence, in order to meet household needs, such as school fees for children, poor farmers resorted to the sale of stored grain, which caused families to suffer shortages before their next harvest, or of other assets, such as livestock, which embodied any limited savings they might have had. *The increase in basic food prices has further exacerbated*

household food insecurity of the poor. At the national level, *Zimbabwe, since the privatization of its marketing boards and the liberalization and deregulation of the agricultural sector, has been transformed, Forum participants said, from a country that met all its domestic food needs and still had enough maize and wheat to export, to one that must import food* from South Africa, Kenya and Mozambique.

In the case of **Uganda**, the study concluded that the *emphasis on exports*, including non-traditional exports, in a context in which food production was not keeping up with population growth, had *led to higher food insecurity and, in particular, to reduced food reserves among poor households*. Increases in coffee production, a major Ugandan export, appear to have been achieved at the expense of food-crop production in some regions. In Masaka district, for instance, an expansion of coffee production was paralleled by a decline in the production of maize and beans. Furthermore, *while the liberalization of agricultural markets resulted in higher prices for agricultural produce, only the better-off farmers were able to respond* and increase their production. The situation of poor households was further worsened by the pressing need to meet the higher cost of social services, such as health care and education, under the adjustment program. Participants at the SAPRI Opening National Forum reported an *increase in malnutrition in the country*.

In the **Philippines**, food security has suffered because, due to IMF-imposed conditions, the production of rice has not been able to keep pace with increasing demand resulting from population growth. As a result of this growing food deficit, *there has been a growing dependency on rice imports*, which have been subject to the volatility of world prices. At the same time, *the stimulation of intensive export-oriented shrimp farming was accompanied not only by negative environmental effects, but also by the displacement of cultivation of food staples by local communities*.

The investigation in **Mexico** pointed to the growing deficit in the nation's food supply, the increase in the amount of grain imports, and rising malnutrition indices under the country's adjustment program. *The country's per capita production of basic grains fell by nearly 10 percent from 1980 to 2000 as a result of adjustment policies that liberalized imports and reduced government support for small-scale farmers*. Food dependence went from an average of 18 percent in the early 1980s to 43 percent at the end of the 1990s. In 1996 alone, nearly half of domestic consumption of basic grains was met through imports, whose cost surpassed by 50 percent the government's entire budget for the rural sector. At the same time, poverty levels increased, as reform policies served to benefit a small group of large-scale enterprises engaged in production for export markets rather than stimulate investment in domestic food production that would benefit small-scale producers, generate employment in rural areas, and thereby improve food security. In fact, *the further concentration of land brought about by the reforms, together with the promotion of large-scale production for export, left many rural communities unable to produce their own food and forced them to buy their required foodstuffs on the*

market at prices they could not afford. Compensatory programs proved insufficient to address the problems of much of the rural population and, at best, only resolved issues of immediate survival.

In the case of **Bangladesh**, the study's conclusion was that the *consumption of cereals had reached a level higher than the minimum requirement for achieving balanced nutrition.* There was, however, a marginal deficit for tubers and vegetables and substantial deficits for livestock products, pulses and oilseeds. Overall, *the observed trend toward improved food security was attributed largely to the results of Green Revolution technology* that, it was pointed out, did not take into account the *substantial negative impacts on the environment*, especially on soil and surface and ground water.

4.2 Social Impacts

4.2.1 Socioeconomic differentiation

A major concern of civil society has been the fact that adjustment policies have not taken into account existing socioeconomic differentiation in each nation. Consequently, little or no consideration has been given to how policy impacts might reinforce differentiated access to economic opportunities and exacerbate inequalities. The studies indicate that the reforms did, in fact, generate differentiated impacts on a range of socioeconomic groups. For example, *the effects of adjustment policies often differed for large-scale as opposed to small-scale farmers, rich farmers and poor farmers, export-crop producers versus those producing primarily for the domestic market.*

In **Zimbabwe**, the *overall impact of the reform measures proved rather negative for small-scale farmers, in particular, as they were more affected by marketing constraints* than were large-scale producers, who enjoyed economies of scale. Poorly developed market information systems to link farmers and buyers, the inaccessibility of some marketing channels, and a lack of guaranteed markets for their produce made smallholders more beholden to middlemen once the government's role was reduced under liberalization. In practice, this resulted in higher input costs and lower produce prices for small-scale farmers. As a result, total acreage under crop production declined in the communal and resettlement areas. Yet, more and more people in these areas became dependent on agriculture due to the natural growth of the population and adjustment-induced retrenchments in other sectors of the economy. Under these circumstances, the lack of land redistribution proved to be a major constraint to smallholder production. Other constraints on agricultural production, such as the high cost and reduced availability of credit and declining public investment in research and extension services, also bore more heavily on small-scale farmers.

In **Uganda**, SAPRI Forum participants reported, *reduced profitability for small producers is contributing in large part to the very high poverty level in villages.* In the

absence of government programs and adequate infrastructure, petty traders and transport owners are profiting from a retail-price markup in Kampala that can reach ten times the farm-gate price.

Differential access to productive resources, roads and markets for different groups of Ugandan farmers conditioned their response to the price incentives created by agricultural liberalization. For instance, *increased producer prices for coffee benefited only those farmers with the land and other resources to expand coffee production. Small farmers with limited land were unable to take advantage of such opportunities, and they fared worse since they faced the same increases as large-scale farmers in the cost of inputs.* Differences in regional development within the country were another important factor that led to differentiated impacts and tended to exacerbate existing inequalities. World Bank and Finance Ministry representatives at the Opening National Forum acknowledged that poor rural physical and financial infrastructure has contributed to the negative effects of liberalization at the local, or household, level.

The participatory survey in Uganda revealed that *citizens' views on the agricultural reforms differed from one community to another and according to the socioeconomic position of the respondents.* In Kabarole district, for instance, people were of the view that liberalization of trade in agricultural products had produced positive results, since farmers were now free to sell to any buyer of their choice instead of having prices dictated to them by the marketing boards, as was the case in the past. This same sentiment was expressed by the wealthy farmers in Kalangala district, who were impressed with the prompt payment for their produce that the new system had introduced. In the same district, however, the poor farmers complained that farming was not remunerative enough. Only traders and not farmers could afford to buy cars, for example. In other districts across the country, farmers associated liberalization with exploitative traders. Poor roads and the high cost of transportation made it difficult to explore markets outside their immediate locality, putting farmers at the mercy of the middlemen. *The barrier that poor infrastructure posed to effective marketing of farm produce was a recurrent theme in many of the responses given by farmers.*

The study in **Mexico** shows that *existing economic and social inequalities in rural areas were also exacerbated in that country as a result of the reforms.* In the rural economy, a very small percentage of producers have access to good quality land, infrastructure and modern technology, with which they have developed production for export. At the same time, several million small-scale producers, with few resources and little access to infrastructure and technology, are engaged in small-scale production for subsistence and for the domestic market. *This dual nature of the economy has created a situation in which only large-scale producers with access to resources have been able to take advantage of agricultural-policy shifts and increase production of exports. Withdrawal of government support for production and credit provision particularly hurt small and medium-scale producers who cultivate basic grains.* Funds channeled to the rural sector by the state-run development bank fell precipitously in the 1990s, Opening Forum participants reported, and financing generally for any farmers producing

for the domestic market became difficult to find. Public programs that were later put in place to compensate for such negative effects were too limited in scope, were not sustained, and ultimately benefited primarily large-scale producers. The study concluded that *the reforms had increased economic concentration and social exclusion*.

The displacement of rural communities and the consequent massive urban migration that has resulted from the further impoverishment and marginalization of small-scale farmers in the **Philippines**, as well as the disproportionate burden on women of a loss of food security, were important social impacts emphasized at the Opening National Forum in Manila. *Insufficient state support for infrastructure services, such as irrigation, post-harvest facilities and farm-to-market roads, has meant that small-scale farmers are unable to improve productivity levels or get their products to market at prices that cover their costs*. Liberalization of prices following privatization of the marketing board also negatively impacted farmers. Cultivation of rice and other staples was said to be on the decline, and *small-scale farmers who cultivate food crops have found themselves further marginalized*. Participants also spoke of the lack of access to formal credit as a key problem for farmers, whose only option is the informal market, which offers short-term loans at exorbitant rates.

In **Bangladesh**, a participatory well-being analysis was carried out in three villages with different levels of irrigation to assess the impact on poverty of agricultural policies that liberalized provision of irrigation systems. It showed that poverty declined over time in all the villages studied regardless of the intensity of irrigation coverage, but the rate of reduction had been lowest in the village where the irrigation development had been the highest. Furthermore, the condition of the very poor worsened over time in all three villages, while those who were already better off gained the most from the irrigation services. Thus, inequality worsened in all three villages over time, although at varying rates.

4.2.2 Gender-differentiated impact

The design of reforms did not take into consideration gender issues, and this was a particular concern of civil society. The country studies indicate that the policy reforms had substantial differential impact on men and women that depended on a number of factors. *The existing gender-based division of labor, relative access to and control of resources (e.g., land and credit) by women, and the position of women in different cultures were important factors* determining how women were affected differently than men as a result of agricultural-policy reforms.

In **Zimbabwe**, women (and children) are the major operators in farming, particularly in the communal areas. Yet, the particular conditions faced by women in the sector were not taken into account in the design of reforms. Women's participation in agricultural activity in Zimbabwe is handicapped due to their limited access to land and credit. Land-ownership rights are vested in

heads of households, who are usually men, and female heads of household have difficulty acquiring land. The Constitution of Zimbabwe reinforces this traditional pattern of land ownership and does not guarantee the rights of women to own land or acquire property. *As land usually serves as collateral for access to agricultural credit, women have very limited access to bank loans; less than 10 percent of credit for smallholder farmers was granted to women*, who received an even smaller share of extension services. There are only a few programs specifically aimed at female farmers.

In **Uganda**, men generally cultivate cash or export crops while women grow food for home consumption. *Intensification of production for cash or export as part of the adjustment program has tended to increase the responsibilities of women, who are often required to contribute to the cultivation of cash crops in addition to their food crops, which are not consistently the focus of adjustment policies.* This is particularly true in cases where the families are unable to hire labor.

The investigation also found *regional variations in the power relations between men and women that tend to be reinforced by the reforms.* Thus, in some places when the agricultural reforms are accompanied by higher incomes, men acquire more wives, who then have to compete more intensely for the favors of the men. In such circumstances, women may even hand over the money they earn for the men to spend. In other places, such as Kabale, women carry out agricultural production without the help of men and even take responsibility for paying taxes. In such cases, women make the decisions as to how to spend their money, and the reforms generally tend to strengthen their position. Women in Bushenyi district, for instance, welcomed the commercialization of traditional food crops, which enabled them to get and control some monetary income. In districts ravaged by HIV/AIDS, women's involvement in cultivation for cash or export tends to be higher, as widows have to take responsibility for activities previously undertaken by their husbands.

In **Mexico**, the *participation of women in agricultural production grew in the course of the reforms* -- from 12 percent of the workforce in 1991 to 17 percent in 1997. The increased female involvement in the sector was due to two main factors. First, *some women took the place of their husbands who migrated abroad to find work.* The absentee husbands, however, still remained the legal owners of the land, and much of the women's work was regarded as unpaid family labor. The proportion of women in agriculture who received no remuneration increased from 51 percent in 1991 to 64 percent in 1997. *There was also an increase in paid female labor in the agricultural sector, however, due to the relative increase in agro-export production* that is labor-intensive. Yet these jobs tended to be low-paying with poor working conditions, and women they employ often carry the additional burdens of domestic work and unpaid family labor.

4.2.3 Environmental impact

Agricultural production often has considerable environmental effects, yet these, too, are not taken into account in the design of reform policies.

As noted earlier, *the reform policies in the Philippines encouraged intensive shrimp farming for export, which produced substantial negative environmental effects, such as the degradation and pollution of the mangrove and coastal ecosystem*, as well as of adjacent land and water resources. This was confirmed by case studies conducted in a number of municipalities, including Hinatuan and Mindanao, on intensive and semi-intensive shrimp farms. The study documented negative effects that included: the destruction of mangroves through their conversion into fishponds; the pollution of water systems through the use of chemicals, pesticides and antibiotics; the accumulation and discharge of untreated residues (e.g, prawn wastes and uneaten feeds); and salinization and depletion of local water resources.

Agricultural reforms have also caused considerable soil degradation and loss of bio-diversity in the Philippines. As was related at the Opening National Forum in Manila, the expanded allocation of public resources and services, such as irrigation, to the production of bananas and other export crops has engendered a large increase in their cultivation, large-scale mono-cropping, and the extensive use of chemicals.

In **Bangladesh**, there has been concern about *environmental degradation resulting from fertilizer use without proper controls* and compliance with standards, a product of market liberalization and deregulation. In addition, *intensive irrigation schemes also fostered by market liberalization have caused excessive extraction of ground water* that is believed to have led to the drying up of aquifers during the dry season, as well as to arsenic poisoning of the water.

The elimination of government extension programs in **Uganda**, it was explained at the country's Opening National Forum, has left private traders to advise on farming methods, such as the use of chemicals, and this has had disastrous consequences. There is evidence, as well, that, *although liberalization has helped expand production in the fish sector, it has also caused various environmental problems*. The European Union, for example, placed a ban on fish from Uganda due to poor sanitary conditions in the sector. The study also indicates that commercialization has led to depletion of the fish stock in most of the country's water bodies due to overexploitation resulting from unregulated competition between traditional artisan fishing and sophisticated commercial fishing trawlers.

The assessment in **Mexico** indicates that the *reform policies that have favored large-scale monoculture and have led to a further concentration of resources have also served to accentuate the loss of bio-diversity and promote the overuse of poor quality land, which is*

accelerating the process of soil erosion. In the southwestern states of Michoacan and Guerrero, for example, large-scale horticulture, with its indiscriminate use of agrochemicals, has accelerated soil degradation. In the more arid northern and central regions, the diversion of scarce water resources to large-scale producers -- made possible by legislative changes that have served to privatize certain aspects of water distribution -- is accelerating deterioration of water tables, with potentially catastrophic social and environmental consequences. At the same time, *small-scale farmers and the poor have been pushed onto more marginal quality land*, which they use more intensively as they are faced with a lack of alternatives for employment and income, causing further soil erosion and other environmental degradation.

V. Conclusion

The investigations show that the agricultural-sector reforms have not, on the whole, improved the well-being of those living in the rural sector in the SAPRI and CASA countries. Agricultural production has increased in some countries but not in others, while some crops have gained as the production of others declined. Where exports have expanded, this often has occurred at the expense of production for the domestic market. Furthermore, these adjustment policies have had differentiated impacts along socioeconomic lines, and, as a result, rural inequality has worsened. Those who previously had access to productive resources have tended to be those who benefited, while the poor have often been further marginalized.

The real income of farmers, particularly small-scale ones, have not improved, principally because the prices of agricultural inputs have risen everywhere. Even where there were increases in produce prices, the rise in the cost of production has generally been higher. With reduced or inadequate cultivation of food crops for the domestic market, along with a lack of improvement in earnings by many low-income sectors and a rise in the cost of living, there has been a general deterioration in food security nearly everywhere. In several areas, the new patterns of agricultural production resulting from the reforms have led to negative environmental impacts. At the same time, women have tended to bear a greater burden under the reform process.

More specifically, the following findings emerged from the exercises in Bangladesh, Uganda, Zimbabwe, the Philippines and Mexico.

- *Agricultural reforms have exacerbated inequalities. Export promotion, import liberalization and the withdrawal of government support in the agricultural sector have served to reinforce differentiated access to resources for production.* Where exports have expanded and earnings increased despite being subject to world price fluctuations, much of the economic benefits has accrued only to large-scale producers, as *small farmers have lacked equal opportunities to enter and gain within a liberalized market.* Constraints such as lack of rural infrastructure, particularly in more remote areas where the poor are concentrated, were inadequately addressed in the reform

process. In addition, the concentration of land use for *large-scale production of export crops has replaced cultivation of food crops for local consumption* and has tended to push small farmers to overexploit marginal-quality land.

- ***The income of farmers overall has not improved as a result of reforms. This has primarily been due to cost increases associated with agricultural production*** (i.e., seeds, fertilizer, irrigation and equipment), as production costs tended to increase more than any growth in income from sales. ***Small-scale farmers have been particularly affected because, as a result of the reforms, production subsidies were removed, public expenditure on extension services declined, and obtaining credit became more costly.*** In addition, liberalization has increased the reliance of these producers on middlemen who market both farming supplies and produce. This has increased the costs and lowered the income of these farmers, whose marketing options have become more limited as a result of the withdrawal of the state from this function.
- ***Food security has declined in most countries.*** The impact of adjustment policies on food supply and accessibility has varied depending on socioeconomic conditions, with the rural poor tending to be the most affected. Reforms were undertaken with the assumption that local supply is not important, as access to food can be obtained through the market. However, ***the reduction of local food supplies has not been paralleled by increased market access by the rural poor, who lack the means to purchase food,*** with the result that many rural residents have suffered from inadequate food intake and increasing malnourishment. In some countries, a major cause of food insecurity has been low yields, which have been linked to reform policies that have reduced state support for extension services and production inputs.
- ***Agricultural adjustment policies have led to further environmental problems.*** Sector-reform policies have favored large-scale monoculture and led to a further concentration of resources. These new patterns of agricultural production have polluted land and water with chemicals from intensive and uncontrolled fertilizer use, depleted water tables through irrational use of irrigation, caused soil erosion and exhausted vital natural resources. They have also served to accentuate the loss of bio-diversity. At the same time, small-scale farmers and the poor have been pushed onto more marginal-quality land, which they use more intensively as they are faced with a lack of alternatives for employment and income. This has caused further soil erosion and other environmental degradation.
- ***With policy design failing to take into consideration gender issues, agricultural adjustment measures have had substantial differentiated impacts on men and women, with women tending to bear the greater burden.*** The existing gender-based division of labor, the level of women's access to and control of resources (e.g., land and credit), and the position of women in different cultures were found to be important factors

determining how women have been affected differently than men as a result of agricultural-policy reforms. ***The problems faced by smallholders due to these reforms, especially those measures that have promoted production for export, have placed particularly heavy burdens on women in countries in which they are primary producers.***

In light of these findings, some initial recommendations can be made. The policy approach in countries in which agriculture is an important sector should be reoriented to give priority to production geared toward supplying the domestic market and ensuring food security. While agricultural exports are an important element of most countries' development strategies, policy choices and investment decisions must take into account the differentiated ability of certain groups - particularly women and smallholders -- to access new market opportunities and improve their access to land and other critical resources. Likewise, trade policy in the sector should be nuanced, allowing countries to pursue some degree of self-reliance and stimulating production by marginalized farmers, including women, in order to support the rural poor in accessing affordable food.

The implementation of effective steps to support small producers and achieve food security should precede, and then be integrated with, the opening of the sector and the promotion of exports. As part of such a rural development policy, the state should provide the support needed to ensure these farmers' access to affordable agricultural supplies and extension services, improvements in rural roads and transportation, further development and regulation of irrigation systems, and promotion of land-tenure reforms. Furthermore, formal institutions should be in place, with state support, to provide equal access for all producers to information and markets, as well as to ensure environmental oversight and address negative impacts.

In general terms, agricultural policies should be designed to reduce existing inequalities by boosting the capacity of small and medium-scale producers and helping subsistence farmers to build sustainable livelihoods in the rural sector. Toward this end, policies should emerge from a participatory process involving all stakeholders, and environmental and socioeconomic factors, including gender considerations, should be integrated into policy design.

The Socioeconomic and Environmental Impact of Mining Sector Reform

I. Introduction

The principal objective of this chapter is to assess the socioeconomic and environmental effects of the mining-sector reforms implemented under structural adjustment programs, with particular reference to affected mining communities in **Ghana** and the **Philippines**. It considers whether the World Bank's economic adjustment and investment strategy for countries with a significant resource-extraction sector has been successful from an overall economic, social and environmental perspective. Both countries have a history of implementing adjustment policies dating back to the early 1980s and have received numerous loans in support of their respective mining sectors. They are currently in what could be called a "third phase" of adjustment, focusing on deregulation, privatization and investment liberalization. It is in this context that the resurgence in mining and resource extraction, not only in the Philippines and Ghana, but globally, should be situated.

This analysis is based on SAPRI research undertaken in Ghana and information gleaned from a CASA study in the Philippines. Both studies were conducted at the community level, but were also scaled up with secondary information from the district, regional and national levels to address micro and macro aspects of the assessment. Primary- data collection involved visits to selected communities and the use of focus-group discussions and interviews with stakeholders, including communities impacted by mining operations, mining companies, government-support agencies, and non-governmental and community-based organizations. The desk studies consisted of literature reviews of existing reports and previous field investigations.

II. Background

With its emphasis on private-sector-led development as the engine of growth, the structural adjustment paradigm was vigorously applied to the resource-extraction sector in a number of Southern economies. Countries with important mining sectors were obliged to shift their policy emphasis toward maximizing tax revenue and away from such previous goals as employment and

control of national resources. This shift was to be achieved through a new division of labor in which governments restricted their role to industrial- and mining-sector regulation and promotion, leaving the ownership, operation and management of enterprises to the private sector.

Along with their support for adjustment policies, the international financial institutions have also significantly increased their lending, investments and guarantees in support of the resource-extraction sector. These institutions allocated around US\$51 billion to projects in the oil, mining and gas sectors from 1995 through 1999. In addition, their actions are a significant leverage of other sources of capital, as Table 1 illustrates.

Table 1

International Institution Credit Provided to the Resource Extractive Sector, 1995-1999

Institution	Estimated Fossil Fuel & Mining Totals
World Bank Group ¹ Total	US\$ 5,950,000,000
World Bank (IBRD and IDA) ²	3,681,500,000
International Finance Corporation (IFC) ³	1,458,300,000
Multilateral Investment Guarantee Agency (MIGA) ⁴	807,200,000
European Bank for Reconstruction & Development ⁵	946,000,000 ⁶
Asian Development Bank (ADB) ⁷	2,025,000,000
Inter-American Development Bank (IDB) ⁸	1,073,000,000
Export Credit Agency Financing of Upstream Oil and Gas Development (Not Mining) ⁹ 1994-1999 ¹⁰	40,500,000,000
¹ It is estimated that US\$1 of World Bank financing leverages US\$5 of additional capital from other sources.	
² See <i>World Bank Annual Reports</i> , 1995-1999	
³ See “Lending By Sector FY 95- FY99,” 1999 IFC <i>Annual Report</i> Annex. Based on year of commitment by IFC. Loans and equity only are not the total commitment. If commitments were made in multiple years, including years prior to 1995, so long as a FY95-FY99 commitment is made, the entire loan or equity issued to date is included. This includes projects involving oil refineries.	
⁴ See “Guarantees By Sector FY 95- FY99”, MIGA <i>Annual Reports</i> 1995-1999. Includes loans to oil, mining and gas (OMG) initiatives and on-lending activities to banks where the annual report description notes that money from the loan is expected to go toward OMG projects in that particular country (of course it could be less than the total amount of the on-lend guarantee that goes to OMG, but there is no transparency, so the burden should be on MIGA to prove otherwise), and privatization of OMG services.	
⁵ The US\$-euro ratio fluctuated between 1995 and 1999; therefore, we assume a 1:1 ratio.	
⁶ This figure includes gas distribution and power market assistance projects.	
⁷ See ADB <i>Annual Reports</i> 1995-1999. This includes loans and technical grant assistance. Power distribution and transmission is included in countries that rely heavily on fossil fuels but not in countries that have a hydropower focus. In many cases, the ADB does not distinguish whether these services are provided for various fuel sources, so Friends of the Earth took a rather conservative approach in this respect.	
⁸ See IDB <i>Annual Report</i> , 1995-1999. Includes electricity-sector “reform” programs.	
⁹ Due to the lack of transparency of Export Credit Agencies, the authors do not have complete ECA mining figures.	
¹⁰ Crescencia Maurer with Ruchi Bhandari, “The Climate of Export Credit Agencies,” World Resources Institute <i>Climate Notes</i> , May 2000 at page 4. According to WRI, every dollar of ECA financing leverages and draws in more than 2 dollars of private capital. Id.	

Source: “Phasing Out Public Financing For Fossil Fuel And Mining Projects” Friends of the Earth International Position Paper, September 25, 2000: 2.

III. Adjustment Policies, Legislation and Actions Affecting the Sector

In response to a global push for national policy changes to attract international mining investment, both Ghana and the Philippines shifted their focus from direct state investment in the mining sector to promotion and regulation of private companies. Within the framework of their structural adjustment programs, the mining sector was a major target for reforms to address the concerns of investors and financiers, to arrest and reverse the decline of the industry, and to achieve greater growth.

The adjustment policies and initiatives promoted by the World Bank that relate to the mining sector in the countries under consideration include privatization of state mining interests, enactment of laws affecting the mining sector and the environment, and measures that lifted almost all fiscal burdens from mining companies. In order to attract exploration and investment in the sector, efforts have been made to create a more favorable investment climate for foreign investors to expand foreign participation. *Legislation has aimed to reduce risk for investors, ensure access to mining permits and concessions, and protect investors from government interference.*

The first years of **Ghana's** *adjustment program focused on increasing the worth of existing mines through rehabilitation.* Funding was made available from multilateral and bilateral sources and guaranteed by the government. This enabled the *move to the next stage, which involved massive privatization of mines* either through the selling off of shares or through complete divestiture. The main purposes of the privatization program have been to reduce the role of the state in the economy and improve business competitiveness and efficiency, reduce the fiscal deficit by using the proceeds from the sales to retire external and domestic debt, and generate new cash flows through investment and tax revenues.

The push to privatize and deregulate the mining sector and create a more favorable investment climate for foreign investors has often entailed legislation to put both macro-level and sector-specific policy reforms into effect. In both **Ghana** and the **Philippines**, this has included *changes in fiscal policy to grant concessions to investors* in the form of:

- exemptions from duties;
- exemptions from payment of income tax;
- tax-free remittances for employees;
- scaled-down corporate income-tax liability;
- increased capital allowance;
- reduced royalty fees;
- scrapping duties; and
- retention of foreign-exchange earnings in external accounts.

These changes have been put in place in **Ghana** through the promulgation of a number of pieces of legislation since 1983. The following chart shows the amount of foreign exchange that foreign mining firms investing in the country are now permitted to retain off-shore.

Table 2

Ghana: Percentage of Export Value Retained Off-shore

Company	Minimum	Maximum
Ghana Australia Goldfields	55%	80%
Abosso Goldfields Ltd.	55%	80%
Associated Goldfields	25%	45%
Takoradi Goldfields	25%	45%
Goldfields (Gh.) Ltd.	60%	95%
Ghana Gold Mines Ltd.	60%	69%

Source: Thomas Akabzaa, 2000. *Boom and Dislocation: Environmental Impacts of Mining in the Wassa West District of Ghana*. Published by Third World Network, June 2000

In the case of the **Philippines**, many of the above-mentioned changes were effected through the promulgation of the Philippine Mining Act (RA7942) in 1995. The Act provides a host of incentives through which the government expects to entice foreign investors to infuse capital into, and thus revive, the industry. These include the removal of the restriction on a maximum of 40-percent foreign equity and a shift from a leasehold system to shared or joint-venture production agreements.

The liberalization of the Philippine mining industry through these legislative changes has permitted total private ownership of equity and control of mining projects, thus opening up the mining industry to control by foreign companies. As a result, vast tracts of land and other natural resources are being opened up, and communities are made more vulnerable to exploitation. Large foreign mining companies are now allowed to explore and mine a maximum area of 81,000 hectares for a period of 25 to 50 years in exchange for a minimum investment of US\$50 million in the country's mining industry.¹ Auxiliary rights and incentives are granted, thus allowing unhampered mining operations and ensuring increased profitability. As a result of the 1995 Mining Act, the number of applications for permits, known as Financial and Technical Assistance Agreements (FTAAs), in the mining sector had grown to 115 by October 1997. By mid-1999, there were 408 pending applications. The FTAA applicants have been predominantly Australian, Canadian and American corporations, and in 1998 approximately 71 of the pending applications, including those that were approved, covered indigenous peoples' ancestral lands and in some cases ecologically critical areas.

¹In March 1996, the Philippine Congress approved legislation that eliminated the Negative List C and reduced the minimum paid-in capital requirement for foreign companies from US\$500,000 to US\$200,000.

IV. Economic Impacts: Foreign Exchange, Government Revenue Generation and Employment

In Ghana, the policy changes succeeded both in creating a favorable perception of the investment environment and in raising the volume and value of mineral output. The country fast became a citadel of commerce and mining in West Africa. Internationally, Ghana is now known to be among a few selected African countries with the most attractive geological and investment environments. The renewed investor confidence in Ghana's minerals industry is reflected in the ballooning volume and value of minerals produced (see Table 3 and Figure 1 below).

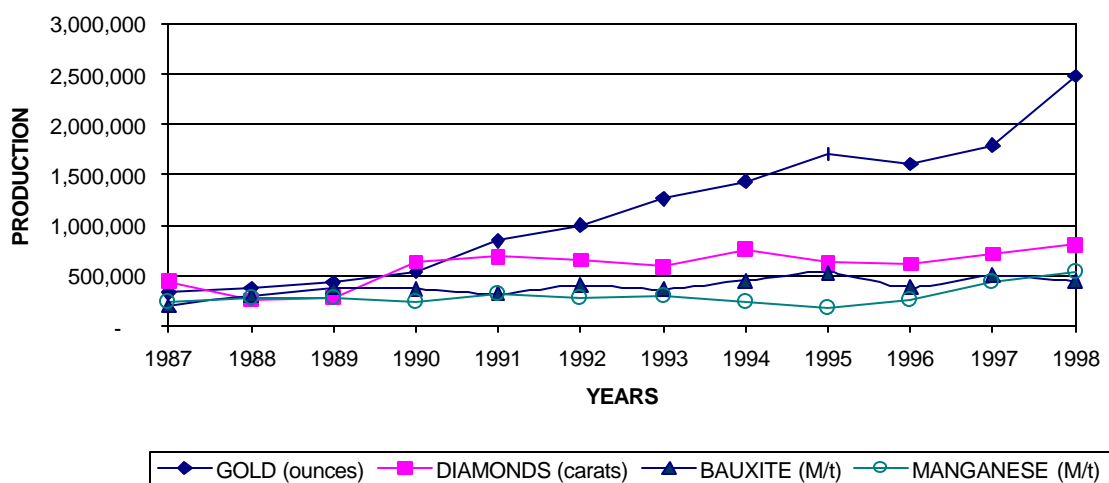
Table 3

Performance of Ghana's Mineral Industry under the Structural Adjustment Program (1987-1998)

Year	Gold (ounces)	Diamond (carats)	Bauxite (M/t)	Manganese (M/t)
1987	328 926	440 681	201 483	242 410
1988	373 937	259 358	299 939	284 911
1989	429 476	285 636	374 646	273 993
1990	541 400	636 503	368 659	246 869
1991	845 908	687 736	324 313	311 824
1992	998 195	656 421	399 155	276 019
1993	1 261 424	590 842	364 641	295 296
1994	1 430 845	757 991	451 802	238 429
1995	1 708 531	631 708	530 389	186 901
1996	1 606 880	271 493	383 370	300 000
1997	1 788 961	714 341	504 401	436 903
1998	2 481 635	808 967	442 514	536 871

Figure 1

MINERAL PRODUCTION IN GHANA (1987 - 1998)



Ghana is now Africa's second most important producer of gold, surpassed only by South Africa, and gold accounts for more than 90 percent of the total value of minerals output in the country. **Gold production**, which had followed a downward trend in the post-colonial period after mining was nationalized in 1961 and had dropped to its lowest point in 1984, **reached an all-time record high** in 1995 and has since exceeded that record by 45 percent. **At the same time, foreign ownership now accounts for 70 to 85 percent of the large-scale mining industry**, a reversal of the situation prior to reforms when the Ghanaian government controlled 55 percent of all mining companies.

Among the presumed and most publicized benefits of the increased mining-sector investments resulting from Ghana's economic reforms are that mining is the leading earner of foreign exchange in the country, provides substantial revenue to the government, as well as capital and social infrastructure to the public, generates direct and indirect employment, and contributes to local community development. Yet, on closer examination, many of these assumed benefits do not bear out. The SAPRI study puts the issue in perspective by comparing the actual benefits accruing to Ghana and its people to the post-reform level of performance in the sector.

Gold in particular has assumed a leading role in Ghana's foreign-exchange earnings. In 1994, gold exports amounted to US\$549 million, representing 45 percent of total export revenue (US\$1,215 million), pushing cocoa (25 percent of total exports) down to second place for the third year running. But, while, in gross terms, mining is the country's leading foreign-exchange earner, **its net foreign-exchange contribution to Ghana's national economy has been minimal thanks to generous incentives and tax breaks given to investors** and the fact that mining companies retain on the average about 75 percent of their export earnings in off-shore accounts for various purposes.

Similarly, **the mining sector's contribution to Ghana's government revenue has been relatively small**, given that mining attracted over 70 percent of total foreign direct investment during the Economic Recovery Programme. While royalties and the income taxes of local employees increased this contribution from 8.4 percent of total revenue in 1990 to 14.4 percent in 1995, most of the companies in the study area, and more broadly in the country, do not pay corporate income taxes due to the virtual tax holiday they enjoy as a result of the generous capital allowances granted them.

At the same time, **the sector today has a relatively limited capacity to generate employment. This is because surface-mining operations are capital-intensive, with relatively low labor requirements, and all post-adjustment mining ventures have been surface operations**. With the investment in, and rehabilitation of, the mines in order to get them ready for privatization during the late 1980s and early 1990s, employment in the sector surged. The sector's total, full-time labor force rose from 15,069 in 1987 to 22,500 in 1995. **The divestiture of formerly state-owned mines resulted, however, in significant restructuring**

and cost-cutting by their new private-sector owners to ensure efficiency. In addition, the persistent decline in commodity prices -- especially gold -- has resulted in radical restructuring to reduce costs. *Many mines have reduced their labor force substantially, especially between 1997 and 2000.* According to those participating in the Opening National Forum in Accra, these same pressures, combined with ineffectual regulatory mechanisms, have also engendered extremely poor working conditions.

In addition, in both Ghana and the Philippines, *the mining industry has been responsible for the high rate of unemployment found in surrounding communities* in direct and indirect ways. *Large-scale surface mining has taken large tracts of land away from farmers*, and mining activities do not provide enough jobs to match the total number of people laid off from agriculture. Many families who made their livelihoods in artisan-style mining activities, it was explained at SAPRI Forum in **Ghana**, were forced off the land they worked when private mining companies staked their claims to newly privatized, mineral-rich land. In the **Philippines**, within four years of the passage of the 1985 Mining Act liberalizing the industry, there were applications for mining rights pending for nearly a quarter of the country's total land area. Opening Forum participants reported that 70 percent of those lands bordered on, or were located within, areas occupied by indigenous peoples, who constituted a significant portion of the small-scale mining population. Their dislocation has led to a serious loss of livelihood and to increased family indebtedness, the Forum participants said.

V. Social and Community Impacts

The social organization of every community is guided and directed by certain principles. *The concentration of mining operations in both the Philippines and Ghana has had a seriously adverse impact on the social organization and cultural values of the people in the affected regions.* Concerns have been expressed about housing, unemployment, family disorganization, social dislocation and polarization, school-dropout rates, prostitution and drug abuse. While these problems are not new, they have risen to a level that the population perceives to be particularly threatening, and the main cause has been attributed to the concentration of mining activities in the area.

In both Ghana and the Philippines, case studies were undertaken to assess the impact of mining activities on local communities. In Ghana, the study area was Tarkwa and its environs in the Wassai West District of the country's Western Region. In the Philippines, the study focused on two communities, Didipio, Kasibu in Nueva Vizcaya and Quirino provinces, and Manicani Island, Eastern Samar.

5.1 Background

5.1.1 Tarkwa, Ghana

Tarkwa has nearly a century of gold-mining history and the largest concentration of mines in a single district on the continent of Africa. Half of Ghana's 16 large-scale mines, including the six new surface-mining operations, are located in the Tarkwa area and produce a significant proportion of the country's gold output. The only manganese mine in the country is also located there. In addition, there are over 100 registered, small-scale gold- and diamond- mining companies in the area and more than 600 unregistered miners popularly known as "*galamsey*" operators. The area contains a significant proportion of the last vestiges of the country's tropical rain forest, which declined in area from 8.2 million hectares in 1992 to 750,000 hectares by 1997.

All eight companies operating in Tarkwa employ the open-pit method of mining and use cyanide heap leach operations, as shown in Table 4. These methods have far-reaching consequences for human health and environmental safety. The use of heavy machinery to exploit low-grade ore has a destructive effect on the vegetation of the area and generates both dust and noise pollution. These environmental issues are considered in *Section VI*.

Table 4

Mining Companies Operating in Tarkwa Mining District, Ghana

COMPANY	LOCATION	START	PROCESSING METHOD
GFL	Tarkwa	1993	Underground/open cast/heap leach
TGL	Teberebie (Tarkwa)	1990	Open cast/heap leach
BGL	Tarkwa	1990	Open cast/CIL
GAG	Iduapriem (Tarkwa)	1992	Open cast/CIL/heap leach
Barnex (Prestea) Ltd.	Prestea	1997	Underground/Open pit/CIL
Sankofa Gold Ltd.	Prestea	1995	Tailings treatment/CIL
Abosso Goldfields	Abosso	1997	Open pit/CIL
SGL	Tarkwa	1999	Open pit/CIL

Source: *Boom and Dislocation*

The heavy concentration of mining activities has generated environmental problems, social difficulties related to resettlement and relocation, and negotiation and compensation questions. The persistence of these problems accounts for frequent resistance by the affected communities and clashes between them and the mining companies. ***The destruction of sources of livelihood and the spate of conflicts have given rise to an environmentally conscious population from which local social movements are emerging.***

5.1.2 Didipio and Manicani Island, the Philippines

Climax-Arimco Mining Corporation (CAMC) is fully owned by an Australian company that obtained a permit in the **Philippines** in 1994 to build an open-pit mine and related infrastructure for gold and copper mining in Didipio. The permit covers about 37,000 hectares located in Kasibu in Nueva Vizcaya and Quirino provinces, part of which is home to the Ifugaos and Bugkalots, the indigenous peoples in the area, and to others considered part of the Ilocano, Tagalog and Visaya ethnic groups.

Hinatuan Mining Corporation (HMC) operates on Manicani Island and is owned by the Zamora brothers, who have maintained significant political and economic influence since their ascendance in the Marcos years. They are widely believed to exercise control over the Philippine nickel industry. The company stopped operations in 1994 due to the depressed price of nickel on the international market, but resumed again two years later despite major concerns expressed by local communities regarding negative social, economic and ecological impacts of the mining operations. After succeeding in sidestepping environmental-protection measures and social-accountability mechanisms, HMC again restarted its mining operation in March 2001 amidst popular opposition and despite not having settled questions related to social acceptability, prior informed consent, and other matters.

5.2 Displacement and Relocation

Between 1990 and 1998, *mining investment in Tarkwa, Ghana led to the displacement of a total of 14 communities with a population of over 30,000*. Some people had to migrate in search of farmland, while others were relocated or resettled by the mining companies. The growing displacement of communities and people has also resulted in increased migration of young people -- who were not considered for compensation -- to the towns, especially Tarkwa, in search of jobs.

The relocation and compensation measures of the various mining companies in the Tarkwa area have had serious consequences for the family as a close-knit social unit. *The compensation schemes, in particular, have contributed to the break-up of families*. In the Tarkwa area, male family heads have opted for cash compensation instead of resettlement and have subsequently abandoned their families. This has deepened the plight of affected rural women and children.

5.3 Impact on Women

Mining generally tends to offer women fewer job opportunities. In both **Ghana** and the **Philippines**, the direct involvement of women in formal, large-scale mining is generally limited to support activities, such as administrative, clerical, catering and related jobs. In the case of small-scale mining and quarrying, women usually play subsidiary roles, such as selling cooked food and

assorted goods to male miners. At the same time, on Manicani Island in the **Philippines**, the bulldozing and burning of the mountains related to open-pit mining deprived the residents, especially women, of their sources of raw materials -- *tikog* and *bariw* -- used for weaving mats and hence of a source of supplemental income.

The *loss of nearby sources of potable water and firewood* has also made the lives of community residents more difficult. Women now spend more time fetching water and gathering firewood, time which could have been devoted to other important livelihood activities. As they tend to be the primary caregivers, responsible for household and child-rearing activities, *women are also the ones who carry the burden of caring for the sick*. This was the case observed in Manicani in the Philippines during the *outbreak of respiratory diseases, which is attributed to the mining operation* of Hinatuan Mining Corporation. On the other hand, women have also tended to take on more leadership roles in community organizing around the problems related to mining.

As men have lost sources of income, however, due to transformations in the mining industry, an increased production burden has fallen on women, Opening Forum participants in the Philippines said. Furthermore, the *differentiated gender impact of mining* was observed at the community level, where women complained of *unfair treatment when it came to compensation for people to be resettled or relocated*. Compensation was given to heads of household, who were traditionally men, with subsequent cases of family abandonment.

5.4 Prostitution and Drug Abuse

One of the major social problems that has emerged from the concentration of mining activities in Tarkwa, **Ghana** is prostitution. Some women who had migrated into Tarkwa with the intention of trading or finding other jobs were compelled to resort to prostitution as the last option for survival when they failed to attain their original objectives. Over 70 percent of the communities contacted complained of the increase in prostitution and cited it as one of the factors responsible for the erosion of social values in the area. Reported cases of HIV in the Wassa West district have also been on the increase since 1992, growing incrementally from six cases in 1992 to 100 in 1996.

Similarly, *frustrations associated with unemployment have pushed some of the youth in Tarkwa toward drug abuse*, and an addictive drug sub-culture was found to be taking root. In addition, drug use is rampant among illegal small-scale miners, who believe that drugs stimulate miners to work harder.

5.5 High Cost of Living

One of the well-known negative effects of mining is the high cost of living within communities near mine locations. All the basic needs -- e.g., food, accommodation, health, water -- required for a dignified standard of living gain a price tag beyond the reach of the average person.

Two main factors are responsible for the high cost of living in Tarkwa, **Ghana**. First, there is the disparity in incomes in favor of mining company staff, whose salaries are indexed to the dollar and drive up prices. Secondly, *the mining industry has both pushed and pulled a significant percentage of the labor force out of agriculture and other income-generating activities by eliminating farmland* and holding out the often false promise of gainful employment. The *consequent fall in food production* in an area that is already densely populated *accounts for high food prices*. The harsh economic conditions faced by many families have pushed school-age children into menial jobs at the expense of their education. *Child labor and high rates of school dropout are notable* in communities in the study area.

VI. Environmental Impacts

The structural adjustment policies pursued by the government had a significant influence on the mining boom in **Ghana** and within the Tarkwa area, in particular. Transnational companies operating in Tarkwa and its environs, taking advantage of these policies, gained greater control over resources and people's livelihoods. *National environmental policies have not been able to adequately guard and protect local communities from the adverse impact of mining operations*, however. *This has led, not only to environmental degradation, but to a deepening of poverty levels* among the local population.

While the mining-sector reforms were underway, very little was done to reform existing environmental laws to deal with the destruction that was certain to arise from accelerated growth in the sector. Even before the boom, in 1988, a conservative estimate of the anticipated ecological damage that would be caused by the mining industry each year was about four percent of GDP. As a result of this growth and lack of regulatory action, the environment in most parts of Tarkwa has been undergoing further rapid degradation and its immense economic value has been diminishing from year to year. *The heavy concentration of mining activities in the area has not only generally degraded farmland, but the decrease in land available for agricultural production has also led to a shortening of the fallow period* from 10-15 years to 2-3 years. The traditional bush fallow system, which adequately recycled substantial amounts of nutrients and made the next cycle productive, can no longer be utilized due to this inadequacy of land. *Large-scale mining activities have continued to reduce the vegetation of the area to levels that are destructive to biological diversity.*

Similarly, in the **Philippines**, the *entry of large-scale corporate mining activity* in the areas studied has destroyed or altered the traditional and often ecologically compatible systems of shifting cultivation. Those utilizing these systems have been confined to small areas, and *the fallow periods have been reduced or even eliminated, leading to soil exhaustion, accelerated erosion, food insecurity and worsening poverty*. On the island of Manicani, mining activities, which have entailed bulldozing mountains, have resulted in the *loss of topsoil* and have thus affected the fertility of agricultural land. The farmers on Manicani express that agricultural work is useless and a waste of their time since they have seen that their fields will be bulldozed anyway. Moreover, the mining operations are feared by the residents to have contributed to the island's vulnerability to landslides, flashfloods and other accidents, a particularly serious problem given that the area is in the typhoon belt.

Furthermore, the principal elements of the environment -- land, water and air -- have been severely impacted by operations that employ methods, such as open-pit mining, banned in countries like the United States and Canada. Consequently, the *continued ability of the environment to support the well-being and development of the rural populations in the case-study areas in both Ghana and the Philippines is currently in doubt*.

In the Tarkwa area in **Ghana**, for example, the tailings dam, plant site and feed stockpile of Ghana Australia Goldfields Ltd. alone will affect a total of about 315 farmers currently cultivating around the area. This has significant implications for the farmers' incomes and the food security of their families. *In both countries, deforestation that has resulted from surface mining has long-term effects* even when the soil is replaced and trees are planted after mine decommissioning. The new species that might be introduced have the potential to influence the composition of the topsoil and subsequently determine soil fertility and fallow duration for certain crops. In addition to erosion when surface vegetation is destroyed, *there is deterioration in the viability of the land for agricultural purposes* and loss of habitat for birds and other animals. This has culminated in the destruction of the luxuriant vegetation, bio-diversity, cultural sites and water bodies.

In the case of Manicani Island in the **Philippines**, the nickel mining operation of HMC is believed to have caused environmental problems, such as adverse effects to the soil geochemistry and the flora and fauna in the area. Residents on the island, considered one of the main breeding grounds in the region for numerous varieties of fish, noticed a *tremendous decrease in the volume and varieties of marine life* in the area after HMC operations began.

6.1 Environmental Impact Assessments

In both Ghana and the Philippines, Environmental Impact Assessment (EIA) mechanisms have been put in place. Proponents of mining view this as a positive step that guarantees local community input into the decisionmaking process while helping to ensure adherence to environmental sustainability principles. In Ghana, a major requirement of the EIA process, which

was introduced in 1989 as an environmental management tool and a pre-requisite for all development projects, is that the project proponent must give notice and advertise the proposal in the national press to enable the public to express its interest or concerns or in other ways comment on the project. Similarly, the new Philippines Mining Act (RA 7942) is considered by some to be a step forward because of its provisions requiring social acceptability and prior informed consent by the affected communities as part of the EIA process. In practice, however, there are many shortcomings in the process, as the case studies illustrate.

The following *weaknesses of the EIA process were identified in both countries*:

- EIA reports are presented in technical language, and the affected communities do not have the capacity to study and understand the issues they raise. Other sources of information, which are primarily the national press and the District Assemblies, are inaccessible to these communities.
- Environmental Audit Reports are treated as confidential documents, thus *limiting public access to the information required to promote and ensure environmental compliance by mining companies*, which can refuse to accept a report's recommendations to minimize the negative impact of mining activities on the environment.
- *Prior-consent rules mandating community consultations have been routinely flouted* by restricting attendance at meetings, reflecting a divide-and-conquer strategy by the mining companies that favor their supporters, as well as through bribery.
- The promise of social-service provision by mining companies in return for a community's consent in support of mining operations has led to the polarization of communities between pro- and anti-mining groups.
- The mining companies have been weak on the delivery of their promises, but have rewarded the residents who have demonstrated pro-mining sympathies by dispensing benefits such as employment, skills training and livelihood projects.
- *The social impact of mining projects has been inadequately addressed*, with action usually limited, at best, to payments of compensation and royalties.
- *There are no provisions by which communities can reject or terminate a mining permit*, thereby rendering them limited in their ability to stop from moving forward a project that would be seriously detrimental to their land and livelihood.
- Affected communities have had little or no say in determining basic issues, such as the location of the various components of the mining project.

- There has been little or no follow-up in cases in which hearings have raised serious objections to an EIA.

In addition, at least in the case of **Ghana**, *local authorities have lacked the necessary legal backing to enforce the requirement that an EIA be completed for all industrial and other development projects, as well as the personnel and financial capacity to ensure compliance with environmental quality standards*. These weaknesses in the EIA process have provided the leeway for mining operations to take actions that have a severe impact on the environment, deepening the plight and poverty of local populations and affecting their overall livelihoods. Mining companies and their sympathizers argue that community concerns are addressed adequately during environmental impact hearings, which are supposed to be organized to hear the concerns of the community regarding the project in question. Experience has shown, however, that such public hearings are nothing more than public-relations forums in which companies largely dwell on the expected positive economic benefits of the project to both the state and the local population, while downplaying the project's negative impacts.

6.2 Water and Chemical Pollution

The concentration of mining operations in Ghana has been a major source of both surface and groundwater pollution. Four significant water-pollution problems have been noticed in Tarkwa mining areas. These are chemical pollution of groundwater and streams, siltation through increased sediment load, increased presence of fecal matter and dewatering effects.

Various chemicals, such as cyanide and mercury, are used during ore processing. These chemicals constitute the major pollutants of surface and groundwater. In addition to chemical pollution, heavy metals from mining operations contribute to water pollution. The presence of such heavy metals above a certain threshold can be injurious to human health and the environment, particularly aquatic life. The main concern of the communities has been potential cyanide pollution of surface and groundwater resources by large-scale surface-mining operations and mercury contamination from small-scale and illegal *galamsey* mining activities.

Mining in Ghana also has active dewatering effects that lower the water table or divert major watercourses away from the mines, with damaging consequences for the quality and availability of surface and groundwater. Apart from consuming a huge amount of water, the extensive excavation of large tracts of land and the piling of large mounds of earth along watercourses remove the source of water recharge for groundwater and ultimately reverse the direction of flow of groundwater, causing active dewatering. A number of boreholes, hand-dug wells and streams in the area have either become unproductive or now provide less water.

On the **Philippine** island of Manicani, farmers complained that their fields have been exposed to laterite, thereby limiting crop growth. At the same time, *the dwindling fish catch resulting from overfishing and laterite pollution has further pushed people to engage in ecologically destructive fishing methods*, such as dynamite and cyanide fishing. Finally, water pollution has deprived residents of bodies of water that were the sites for their leisure and recreation activities.

6.3 Air and Noise Pollution and Health Effects

Mining activities and mining-support companies release particulate matter into the ambient air. Airborne particulates of major concern within the Tarkwa area in **Ghana** include respirable dust, sulphur dioxide, nitrogen dioxide, carbon monoxide and black smoke. The concerns of the affected communities also include noise and vibration, the sources of which in the area include mobile equipment, air blasts and vibration from blasting and other machinery. The effect of high-pitched and other noises is known to include damage to the auditory system, cracks in buildings, stress and discomfort.

Adverse environmental and health impacts of mining operations have also included the *generation of diseases due to pollutants*. The effects of some of these pollutants manifest themselves immediately (cyanide, for example), but others (such as mercury) take a long time to appear. In **Ghana**, the extraction and processing of gold have given rise to various environmentally related diseases and accidents. According to Tarkwa's District Medical Officer, the common, mining-related diseases observed in the area over the years include, but are not limited to:

- vector-borne diseases, such as malaria, schistomiasis and onchocerciasis;
- respiratory tract diseases, especially pulmonary tuberculosis and silicosis;
- skin diseases;
- eye diseases, especially acute conjunctivitis;
- accidents resulting from *galamsey* activities; and
- mental illness.

National Forum participants in the **Philippines** testified to similar health problems in areas of open-pit mining, especially among women and children. There has been a significant increase in the incidence of skin disorders, for example, and deaths from poisoning have been reported. On the island of Manicani, the mining operations and the attendant pollution were perceived as causing the sudden rise in the incidence of coughs and colds, as well as other *respiratory diseases, especially among the young population*. At the height of the mining operations, which involved massive earth movement -- open pit diggings, hauling and shipment of soil, and the traffic of truck and heavy-equipment vehicles -- almost all the children in the communities suffered from respiratory ailments.

VII. Conclusion

The investigations in Ghana and the Philippines found that the restructuring exercise in those countries' respective mining sectors and the accompanying mining-policy reforms provided investors with generous incentive packages. These incentives have contributed to an enormous increase in mining investment, significant expansion of the sector, a great increase in mineral production, and the generation of significant foreign-exchange earnings. The wealth produced, however, has brought few benefits to national economies and has been generated by draining resources from communities located near the mines. With these operations destroying both the local environment and sources of livelihood, the consequences have been a deepened crisis of health and environmental sustainability, social upheavals and economic deprivation. In net terms, the expected economic benefits have accrued largely to the mining companies, which are mostly foreign-owned and which have taken advantage of these attractive investment and profit-repatriation policies and of the effective weakening of environmental regulations.

The findings point to the following conclusions, which indicate the overall detrimental impact of the World Bank's support for large-scale mining through the application of economic adjustment measures:

- ***Liberalization, deregulation and privatization of the mining sector have enabled transnational corporations to remove resources and profits from countries while failing to generate sustainable economic growth that is of net benefit to national or local economies.*** These reforms and the legislative changes through which they have been put into effect have granted generous incentives and tax breaks to investors and allowed them to retain the bulk of their export earnings in foreign accounts. Therefore, growth in the mining sector has contributed very little to national economies in terms of government revenue and net foreign-exchange earnings. ***Nor have the privatization, deregulation and liberalization of the mining sector generated significant new employment,*** because surface-mining operations have relatively low labor requirements. At the same time, the privatization of formerly state-owned mines and the persistent decline of commodity prices have resulted in cost-cutting, which has often meant massive layoffs. ***In addition, mining has taken away large tracts of land from farmers but has not provided enough jobs to offset subsequent employment losses in agriculture.***
- ***Sector reforms have allowed large-scale mining to expand without effective environmental controls, thereby polluting local and regional environments and degrading sensitive, biologically rich zones.*** Mechanisms to conduct environmental impact assessments exist in both Ghana and the Philippines, but adjustment measures have left the governments of those countries with little capacity to enforce this requirement effectively or to ensure compliance with environmental quality standards. As a result, mines have often lowered water tables, diverted watercourses, and caused water pollution through the use of chemicals and the unleashing of heavy metals. The widespread removal

of trees and vegetation has also resulted in soil erosion and decreased soil fertility, which have made land unsuitable for agricultural purposes. In addition, mining operations have destroyed traditional, ecologically sound systems of shifting cultivation by reducing fallow periods as a result of the reduction in land available for cultivation. Furthermore, mining and related activities have contributed to air pollution through the release of particulate matter and emissions of black smoke.

- ***Reforms have allowed the expansion of large-scale mining without safeguards, causing adverse effects on the health of local populations.*** Vector-borne diseases, such as malaria, and respiratory-tract illnesses, such as tuberculosis, as well as skin and eye diseases, have been documented over the years as common mining-related problems in Ghana. Mercury and cyanide poisoning have also been observed. Constant high-pitched noise and vibration from mining machinery and air blasts have damaged hearing and caused stress and discomfort. In addition, accidents and injuries have frequently occurred in mining areas without safeguards.
- ***The unregulated expansion of large-scale mining has also had negative social impacts.*** Such mining operations have forced many local residents to migrate in search of new farmland or be resettled by the mining companies, both of which have weakened the family as a social unit. ***The growing displacement of communities has pushed youth into towns, where frustration over unemployment has often resulted in problems,*** such as drug abuse and prostitution. When male heads of households have opted for cash compensation instead of resettlement, they have sometimes abandoned their families, deepening the plight of rural women and children. ***Another problem has been the increased cost of living in communities near mines, which has compounded the loss of traditional sources of livelihood.*** Harsh economic conditions have pushed school-age children into menial jobs, with the result that ***child labor and school-dropout rates are notably high*** in mining communities.
- ***The structural adjustment policy framework has allowed large-scale mining to expand unabated, threatening the traditional land rights of indigenous peoples and weakening community control over land and resources.*** Marginalized from the decisionmaking processes that determine the location and operation of mines, local populations have been displaced from their traditional lands and communities. Information on environmental and social impacts has been largely inaccessible to them because of a lack of effective dissemination in rural areas, the compilation of impact-assessment reports in technical language, and the confidentiality of audit reports that measure a company's compliance with established standards. Mining companies have often promised social services in return for a community's consent to locate, pitting pro- and anti-mining groups against one another, and they have tended to dispense favors to their supporters while leaving general promises unfulfilled.

In light of this evidence, it is recommended that the World Bank cease lending for large-scale mining activities and end its support for the wholesale deregulation, privatization and liberalization of the mining sector pending a full review of the impact of these policies and a full consideration of alternative development strategies for national and local economies, in general, and the mining sector, in particular. A thorough cost-benefit analysis of the mining sector and the role of the Bank and sister institutions in promoting it should take into account the net effect of these policies on the national and local economy, factoring in the environmental and health damages, as well as the social crises arising from mining activities.

Furthermore, the national institutions and regulatory mechanisms, weakened under adjustment, that serve to limit or reduce the negative impacts of large-scale mining, must be refortified. Legal and policy frameworks, for example, should be overhauled so that mining companies have greater responsibility and accountability with regard to environmental and social issues. Environmental legislation should be strengthened and appropriate penalties applied for violations, and environmental impact assessments should be fully implemented and their results made public. Clear and fair guidelines should be established for obtaining community consent prior to undertaking mining activities, and communities should be empowered to recommend the rejection or termination of mining agreements where negative impacts have been ascertained. Finally, internationally accepted “best practices” should be applied in the mining industry in developing countries, including an end to open-pit mining practices in populated areas.

The Effects of Public Expenditure Policies on Education and Health Care under Structural Adjustment

I. Introduction

Structural adjustment policies have had a profound effect on all aspects of political, social and economic life in developing and transition countries. That impact has been felt quite deeply in the social sector. Civil-society organizations, often joined by United Nations agencies like UNICEF, have been particularly critical of the impact on the poor of large budgetary cuts in such areas as health care and education carried out under adjustment programs over the past two decades. The social sector is also one of the areas in which the World Bank has found itself vulnerable to the charge that its policies are disproportionately hurting the poor.

In response, measures have been taken by the Bank in the second generation of adjustment to address what the institution has called the Social Dimensions of Adjustment (SDA). The Bank programs have been designed to ameliorate the social costs of what the Bank has regarded as painful but necessary macroeconomic measures. More recently, through the Heavily Indebted Poor Country (HIPC) initiative and Poverty Reduction Strategy Paper (PRSP) process, the Bank has been involved in efforts with the international donor community to see that government spending in the critical areas of health care and education is protected and enhanced. The Uganda experience is pointed to by the Bank as a successful example of its learning from mistakes and correcting them.

Yet, as this chapter demonstrates, *the Bank's prescriptions for the social sector have gone far beyond what were said to be regrettable but necessary cutbacks in health-care and education spending*. Such cuts have in many respects been a vehicle for a comprehensive transformation in most of the countries undergoing adjustment, whereby *the social sector has also been subjected in significant ways to free-market forces*. These changes have entailed a redefinition of the problem of poverty and of the state's redistributive role. According to the Bank, poverty is no longer to be addressed through state intervention in the social sector but by eliminating what are considered to be the constraints to wealth generation by the private sector.

Education and health care have been areas of particular concern in the seven SAPRI/CASA countries that carried out studies on the impact of public-expenditure reform under adjustment programs implemented in the 1980s and 1990s. Investigations in **Ghana**, **Zimbabwe**, **Mexico** and **Hungary** focused primarily on the impact of reforms on access to, and the quality of, education and health care, while the **Uganda** and **Philippines** assessments looked at the impact on spending for these services. The review in **Ecuador** focused on social subsidies, addressing the more overarching issue of the role of the state in the social sector and the question of state support for universal *vis-à-vis* targeted coverage. This last issue was also addressed in the study in Hungary, which made the “transition” from a socialist to capitalist economy. Both Hungary and Zimbabwe are interesting examples of nations in which adjustment programs were implemented following a long period of extensive state involvement in the economy that included the provision of state-subsidized and/or state-owned and -managed public services.

Table 1

Timeline of Structural Adjustment Programs in SAPRI/CASA Countries

Country	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99
Uganda						X	X	X	X	X	X	X	X	X	X	X	X	X
Zimbabwe										X	X	X	X	X	X	X	X	X
Ghana		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Ecuador	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
México	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Philippines					X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hungary						X	X	X	X	X	X	X	X	X	X	X	X	X

There follows a cross-country synthesis of the major results of these related studies. By no means, however, does it cover all the critical information, knowledge and learning that the studies generated. *Section II* considers adjustment policies as they relate to the public sector and reviews some of the assumptions behind these Bank policies. *Section III* assesses how the policies have impacted public spending for education and health care, while *Section IV* focuses on the effects of the policies on access to, and the quality of, these services, including gender-differentiated effects. In *Section V*, the impact on the poor of the elimination of basic subsidies is discussed. *Section VI* presents an overall conclusion regarding the impact of public-expenditure reforms under adjustment and puts forward a set of basic recommendations.

II. Adjustment Policies Addressed

The structural adjustment policies addressed in the country studies were in part an outgrowth of IMF-supported stabilization programs implemented to put the economy on track toward recovery from severe balance-of-payments deficits, inflation and related problems. Fiscal, as well as monetary, policies were central to these stabilization packages. *They emphasized revenue increases and expenditure controls in the following forms:*

- a ceiling on budget deficits;
- a freeze on, or reduction in, spending levels;
- the removal of subsidies;
- a rationalization/streamlining of government bureaucracy;
- an increase in certain types of taxes and/or introduction of new taxes; and
- currency devaluation.

In some cases, IMF and World Bank conditionalities did not explicitly specify measures to control spending on social services. But in the interest of achieving the bottom-line objectives of curbing deficits and reining in inflation, *reductions in spending on public services were considered inevitable, acceptable and even necessary consequences of adjustment*. The maintenance of debt servicing and stabilization were non-negotiable elements of all the adjustment programs studied.

The fiscal and public-sector reforms that were designed and implemented as part of adjustment programs, while an extension of those carried out under stabilization programs, were of a more comprehensive nature, as they were pursued in combination with privatization, liberalization and deregulation policies. *The structural reforms in the social sector were not only geared to the immediate objectives of curbing deficits and increasing revenues, they aimed at achieving large-scale changes in the role of the state in the economy*. At their core they involved *a radical shift away from the role of the state as one of provider and guarantor of universally accessible social services to one of providing essential services in a targeted manner only to those on the margins* whom the market has failed to reach.

This shift in concept is rooted in the belief that all forms of government spending, including social spending, constitute subsidies, with the assumption that subsidies represent state intervention that interferes in market functioning and leads to economic inefficiency. Such economic arguments have marked the rationale for *a complete transformation of the social sector* that has included the following elements in most of the countries implementing adjustment programs:

- the drastic reduction of government spending, with a focus on basic functions that include only essential aspects of social-service provision, as governments are required to streamline their role in the provision and financing of these services;
- the implementation of cost-recovery and cost-sharing measures; and
- the ceding of control and management of social services to the private sector wherever possible.

Civil-society groups consulted in the countries studied rejected, however, the notion that market forces, rather than the state, should determine the nature and extent of service provision and asserted that education and health care have important social value that is left out of the economic-efficiency equation. They argue that the long-term cost to society of the state failing to provide universal access to quality education and health-care services is greater than any short-term fiscal savings achieved through social spending cuts or cost-recovery schemes.

III. Impact of Adjustment Reforms on Public Spending for Education and Health Care

The implementation of spending controls and cost-sharing schemes were undertaken in the SAPRI/CASA countries during periods of economic decline and growing poverty, when social assistance and social services for the poor were in greatest demand. While the reduction in government revenues during periods of economic deterioration served as justification for controls on public expenditure, the logical and expected response in these situations, from a human-development perspective, would be to seek and implement alternatives to cuts in social spending and social assistance and to give high priority to these items in government budgets. This was not the case, however, for the countries covered by the studies.

This section looks at how adjustment policies have affected public spending on education and health-care services. The analysis addresses:

- trends in the allocation of public spending for education and health care;
- the priority given to debt servicing compared with social-sector spending;
- the effects of devaluation on the cost of service delivery;
- the introduction of cost-recovery and revenue-generating schemes; and
- the effects of decentralization.

3.1 Trends in Allocation of Public Spending

All but one of the studies conducted in the seven countries show that *stabilization and structural adjustment programs have led, at best, to a lack of improvement and, at worst, a sharp decline in public spending for social services, specifically education and health care.* Both general expenditure controls and other non-budgetary policies were responsible for this situation. In several instances, adjustment programs directly and explicitly called for a freeze or cutbacks in social spending.

Box 1

Indicators of Trends in Budget Allocation and Spending

The indicators used in the country studies to determine and demonstrate the patterns of social-sector budget allocations and spending are the following:

- ✓ Allocation and spending as a percentage of GDP
- ✓ Allocation and spending as a percentage of total expenditures
- ✓ Rate of increase in spending compared to the rate of increase in the total budget
- ✓ Allocation and spending per capita
- ✓ Comparative spending in nominal and real terms
- ✓ Allocation and spending in the social sector compared to other items in the budget

During the periods covered by the studies, *a decline in both education and health-care spending occurred in Zimbabwe, Hungary and Mexico.*

In **Zimbabwe**, public expenditures on health and education fell in the 1990s. Health-care spending dropped to 2.1 percent of GDP in 1996 from 3.1 percent in 1990. Government allocations to the Ministry of Health decreased from six percent of total government expenditure to about four percent. The per capita budget for health care fell from US\$22 in 1990 to US\$11 in 1996. As the Zimbabwe report notes, “The public health budget is not enough to meet health needs. The per capita budget has fallen since 1991 to a level where it does not even pay for prevention, clinics and district hospital costs per capita.”

Table 2

Annual Earnings per Employee (in US\$) in Health Care and Education in Zimbabwe

	1990	1991	1992	1993	1994	1995	1996
Health Care	4,321	3,641	2,742	2,330	2,183	2,546	2,408
Education	4,934	4,415	3,259	2,725	2,386	2,516	2,249

Source: Central Statistical Office, *1985-1996 National Accounts*

Similarly, total education spending in Zimbabwe declined from 6.29 percent of GDP in 1986-87 to 4.82 percent in 1999. Allocations to education as a percentage of total recurrent expenditure fell from 39 percent in 1999 to 21 percent in 2000. Per capita spending for education also declined in real terms from Z\$37.83 in 1990 to Z\$30.44 in 2000.

In **Hungary**, state expenditures on education, health care and social provisions diminished by 25 percent in real terms in the seven years following 1989. Health-care expenditure fell from 5.5 percent of GDP in 1991 to 4.3 percent in 1999. Recent budget estimates have projected a further decline to 4.2 percent in 2002. Spending on education fell from 5.6 percent of GDP in 1991 to 4.4 percent in 1999, with primary and secondary education experiencing the most precipitous declines. Overall, the real value of education expenditure dropped by one third between 1990 and 1998.

In **Mexico**, *social spending fell drastically during the 1980s*, both in proportion to GDP and in real terms, and *did not regain its pre-adjustment levels until ten years later*. In 1983, federal spending on education was reduced in real terms by 40.8 percent with respect to the previous year, and the budgets for health care and education in the late 1980s were the lowest in 20 years. Cuts in social spending fell again by 13.5 percent in the period following the economic crisis in 1994 and did not regain previous levels until 1998. In 2000, public resources devoted to reducing poverty were equivalent to one quarter of the annual cost to the Treasury of bailing out the private banks following the 1994 financial crisis and less than one third of military spending.

Table 3
Hungary: Spending on Education as a Percentage of GDP (1991-2002)

	1991	1993	1995	1998	1999 modified target	2000 proposal	2002 prognosis
Total welfare [†] expenditures	38.2	37.1	31.2	28.1	27.0	27.5	25.8
Education	5.6	5.7	5.2	4.8	4.4	4.8	4.5

[†] Includes spending for education, health care, social-insurance and welfare services, housing, cultural activities and environmental protection

Source: Ministry of Finance, *ÁHIR Database*, consolidated data

In **Ecuador and Ghana**, *stagnation and a decline in spending for education were observed*. Increases in spending for health care were noted, but these increases were at times only nominal, while at other times they were at very low rates or not on pace with the rates of increase in overall spending.

Education spending in **Ecuador** fell from 4.3 percent of GDP in 1980 to 2.1 percent in 1983 after adjustment policies were first introduced and then gradually increased to 3.8 percent in 1999. Health-sector expenditure fell to its lowest levels, in both absolute and relative terms, in 1983 when spending represented 0.6 percent of GDP. It then increased slightly, averaging just over one percent of GDP throughout the 1980s and 1990s, and reached 1.2 percent in 1999. Much of this public expenditure on health-care services has benefited urban residents, as nearly 46 percent of spending is directed toward 32 large hospitals in urban areas.

In **Ghana**, government expenditure on tertiary education declined drastically from the mid-1980s through the 1990s, dropping from 15 percent of the education budget to 12 percent during the period 1988-98 despite an 80-percent increase in student enrollment. Spending on health care in real terms has remained relatively the same since 1987.

In the **Philippines**, *there have been reductions in health-care spending and low net increases in education spending*, with the education sector also suffering cutbacks in certain years. Spending for the health sector increased slightly from 1986 to 1991, but declined in succeeding years, particularly in 1993, 1995 and 1998-2000. The percentage share of spending on health care in the Philippine government's annual appropriations declined from 3.71 percent in 1991 to 1.78 percent in 2000. The biggest cut was made in 1993 when the health budget dropped from P11.3 billion in 1992 to P6.2 billion the following year.

As a percentage of the Philippine national budget, education spending ranged from nine percent to 12 percent in the 1970s, then from 11 to 15 percent in the 1980s and the early 1990s. The lowest budget share was registered in 1987 at only 10.7 percent. With the partial recovery of the economy after 1986, increases were registered, reaching 15.4 percent in 1989. A reversal of this trend was again observed in the 1990s, however, when the budget share dropped to an average of 12 percent. The share of education expenditure in GDP was limited to a range of 2.4 to 3.7 percent.

It was only in **Uganda** that *increases were observed in both health-care and education spending during the period that adjustment policies have been in place, although health-care spending has been experiencing a decline in recent years*. In fact, spending on health care has fluctuated considerably under structural adjustment in Uganda, at first declining from 2.6 percent of government expenditures in 1987/88 to 0.8 percent in 1992/93, then increasing to 5.7 percent in 1995/96, only to fall again to 4.3 percent in 1997/98. The share of education spending in total expenditure declined sharply from 10 percent to 2.3 percent between 1988/89 and 1992/93 and then increased to 16.6 percent by 1997/98. Most of the spending increases in the education sector have been directed to the primary level, which began receiving 70 percent of recurrent expenditure for education following implementation of the Universal Primary Education (UPE) program in 1997. However, as the Uganda study notes, “this [increase] was possible following increase in resources made available by the concerted efforts of donors and increase in domestic revenue” as a result of the debt relief conceded through the HIPC initiative.

Table 4

Uganda: Share of Total Government Expenditures Allocated to Health Care and Education (1988-1998)

	1988/89	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
Education expenditures	10.0	8.4	8.0	2.3	6.4	5.8	12.0	11.5	14.6	16.6
Health-care expenditures	2.6	2.6	2.6	0.8	2.3	2.3	4.7	5.7	4.2	4.3

3.2 Spending Priorities

One of civil-society groups’ strongest criticisms of public-expenditure policies under adjustment is that foreign-debt servicing takes priority over all other areas of spending, especially in the social sector. In the **Philippines**, for instance, the largest single item in the government’s national budget continues to be interest payments on public-sector debt, which participants at the Opening National Forum pointed to as an obstacle to increasing budget allocations for health and education.

The **Ecuador** study notes that the Ecuadoran government's "...budget and its components are permanently constrained by the ever-increasing amounts devoted to payment of the public external and internal debts. The implementation of structural adjustment policies, which was supposedly aimed at improving the balance of payments, has only reinforced this trend." Instead of decreasing over time, public external debt rose from 49 percent of GDP in 1982 to 115 percent of GDP in 1999, tripling in absolute terms to US\$16.4 billion. Debt service in Ecuador reached 52 percent of government expenditure in 2000, decreasing to 43 percent in 2001 as a result of debt restructuring, while the budget dedicated to all social spending remained at 20 percent of total expenditures. Furthermore, said those attending the Opening National Forum in Quito, the foreign debt has provided a mechanism by which the international financial institutions can apply external pressure for the adoption of their policy prescriptions.

3.3 Effects of Devaluation

Public-expenditure reform has taken place in the context of massive devaluations in most of the countries studied that further increased the cost of social services. And a continued growth in the cost of service delivery further reduced that which could be provided within declining budgets for health care and education.

The devaluation of local currencies against the dollar had a particularly strong impact on health care, as most medicines and medical equipment must be imported by these countries. In the **Philippines**, for example, a major devaluation of the peso intensified the economic hardship resulting from the Asian financial crisis that erupted in 1997, which itself was caused in large part by capital-account and financial-sector liberalization under adjustment. According to the Pharmaceuticals and Health Care Association of the Philippines, this devaluation has resulted in a 25-30 percent increase in the price of drugs and a 40-60 percent increase in the cost of small medical equipment.

From 1991 to 2000 in **Zimbabwe**, the medicare price index rose by 2106.3 percent and the education price index rose by 857.2 percent as a result of extensive devaluations and inflation. Even in **Uganda**, where there have been increases in spending for education and health care, the negative effect of the rise in relative prices in these sectors has outweighed the positive effect of the spending increases. This observation was validated by numerous complaints reported during the fieldwork regarding the excessive cost of education and health-care services at all levels.

3.4 Cost Recovery and Revenue Generation Schemes

Controls on spending were accompanied in most cases by *revenue-generating schemes that required the users to share in the cost of services*. In **Zimbabwe**, for example, the government began to systematically enforce a system of user fees for health-care services in 1991. Those earning more than Z\$150 per month were made to pay for services rendered for health care,

while the unemployed and those earning less than Z\$150 were entitled to free treatment. This cost-recovery measure was put in place just as the worst drought of the century hit the country in 1991-1992. After a brief respite in the application of fees the following year, the system of user fees for health-care services was revised in 1994 and substantial fee increases were established for all services. In the education sector, although primary-school fees had been abolished at independence in 1980, fees were re-introduced in urban primary schools and all secondary schools in 1992, with exemptions for children from households earning less than Z\$400 per month. While the Z\$400 limit corresponded to the threshold for payment of personal income tax, it was far below the poverty line of Z\$593 for a family of six in 1991.

In certain cases, the application of user fees offset possible gains to the population from increased spending for health-care services. In **Ghana**, the Economic Recovery Programme of 1983-86 initiated the removal of general subsidies, which led in the health sector to an intensification of fee collection for services and enforcement of the Hospital Fees Act. From a system of charging token fees for consultations under this Act, the user-fee regime changed in 1985 to one in which fixed fees were charged for consultations, examinations and laboratory and related diagnostic procedures, and drugs were priced at full cost. Separate charges were established for outpatients, medical and surgical treatment, hospital accommodation and catering. The price schedule moved from lesser charges at lower levels of service (clinics and health centers) to higher charges at hospitals, with the highest fees charged at the teaching hospitals.

Revenue-generating programs also included the transformation of service institutions into public corporations mandated to ensure cost recovery and even profit generation. In the **Philippines**, there has been an ongoing process of transforming public-health institutions -- regional and national hospitals -- into public corporations. The "corporatization" of these public-service institutions involves fiscal and management autonomy to achieve financial stability and viability. They are allowed to collect, retain and allocate revenues from the user fees they generate. At the same time, direct subsidies from both the national and local governments for hospitals are being reduced.

3.5 Effects of Decentralization

Many of the country assessments indicate that *a key feature of reforms in the social sector has been the decentralization of services and their administration to the regional and local levels.* While this goal has had some merit, *it has proved to be disastrous in practice in many contexts* because it has often been little more than a downloading exercise without adequate funding to support it. The **Mexico** study indicates that decentralization has involved a deconcentration of administration, *with greater responsibilities and fewer resources at the local level.* State governments were assigned the administration of health services -- previously the responsibility of the Department of Health and the Mexican Institute of Social Security -- and basic education programs. Yet, in the context of a fiscal crisis in which states were receiving less

income from the federal government, decentralization left insufficient resources to adequately fulfill the new responsibilities for service delivery at the local level.

In the **Philippines**, the decentralization of health-care services has been beset with economic and administrative problems. The investigation there found that *local governments have lacked the knowledge and skills needed to assume their additional functions. They have also lacked the necessary resources to be able to effectively deliver basic health-care services and expand the coverage of these services* due to the mismatch between the cost of devolved functions and the corresponding revenues allocated. A key problem resides in the regressive nature of the distribution formula by which central government funds are allocated to the local level for these purposes. The formula assigns more financing to localities with higher per capita income and does not take into account the burden imposed on the local governments to support the devolved functions, particularly hospital operations. Consequently many municipalities and provinces have experienced financing shortfalls aggravated by the fact that some towns have diverted funds from health care to other priorities.

According to the Philippines study, provincial and district hospitals that were performing poorly prior to decentralization have in fact deteriorated due to the inability of local governments to maintain previous expenditure levels. This has *exacerbated the lack of supplies, drugs and allowances for repairs and maintenance of the medical equipment of these hospitals*, most of which are already in a deplorable state. As a result, *health services have become more inadequate and inaccessible to many, particularly the poor*. Participants at the first National Forum testified that this reality has forced NGOs increasingly to carry the burden of service provision that should be the responsibility of the state.

In **Hungary**, the transformation of the educational system in the 1990s devolved the responsibility for education to the local level, with basic per capita funding provided by the state while financing for school development has been left to the municipality. Although this has had some positive impacts in terms of the relationship between schools and communities, it has meant that *poor municipalities have more difficulty maintaining and developing schools*. This situation has also *led to the appearance of private schools, which has segmented the education system and increased inequalities of opportunity*. The study found that children from poorer regions of the country and from unskilled, unemployed, poor or *romany* (gypsy) families were less likely to be able to continue their education in order to acquire a skill, a problem compounded by the fact that a higher local dropout rate induces a decrease in funding from the central government, National Forum attendees said. This situation will only perpetuate the cycle of poverty from generation to generation.

IV. Impact of Reforms on Access to, and Quality of, Education and Health Care Services

The previous section highlighted the effects of adjustment measures on the allocation of public spending toward education and health care in the countries studied. This section considers the consequences of these trends for service access and quality, particularly for the low-income and poor segments of society. The analysis addresses the following issues:

- the impact of user fees on access to services by the poor and low-income segments of society;
- the impact of user fees on the quality of education and health-care services; and
- gender-differentiated impacts.

4.1 Impact of User Fees on Access to Services by the Poor and Low Income Segments of Society

The introduction of user fees under cost-recovery and revenue-generation schemes has presented serious constraints to access by the poor to education and health-care services. This was found to be true *in all the countries studied*, although the impacts varied according to the way the policies were applied and the extent of the spending cuts made.

4.1.1 Access to education

After a decade of free education following independence in **Zimbabwe**, *school fees were re-introduced and led to a dramatic increase in dropout rates*. Primary-school dropout rates continued to be significantly higher throughout the 1990s, particularly in the first grade; in the grades with the greatest dropout rates, the numbers were higher for girls than for boys. Furthermore, by the end of the decade, only 70 percent of the children finishing primary school were continuing on to secondary school, while in the fourth and final year of lower secondary school there was an average dropout rate of 92 percent for males and 93.4 percent for females over the period 1990-97.

The imposition of user fees has led to reduced enrollment rates in **Ghana**, particularly in rural areas, said Opening National Forum participants. With children being pulled out of school, they added, to help support their families, the primary-school dropout rate had reached 40 percent. Fees rise sharply at the secondary level and yet again at the tertiary level, where now only one out of every 400 Ghanaians is enrolled. *User fees have led to increasing inequalities*, the Forum attendees stressed, *both between and within communities, as the poor are left behind*. Indeed, the Ghana study found, *income levels are the most important determinant of enrollment at institutions of higher education*.

The same was found to be true in **Mexico**, where, for every 100 children who enter primary school, 64 graduate while only 40 go on to complete the secondary level, 14 finish the equivalent of high school and seven graduate from university. Primary education was said by

National Forum participants to be free only in theory due to expenses -- that families often cannot afford -- for uniforms, books and transportation. Secondary education was cited as being even more restricted due in large part to the common need for children to help increase family income. Overall, *funding cutbacks have adversely affected a range of educational services*, Forum participants said, *leading to high repetition and dropout rates*.

In **Uganda**, where a Universal Primary Education program was introduced in 1997 and funded through a debt-reduction agreement under the HIPC initiative, *access to primary education improved. Access to secondary and tertiary education, however, was found to be skewed against the poor*, as the burden of school costs at these levels must now be borne primarily by parents. *There has also been a marked drop in the number of girls finishing primary school who are enrolling in secondary school*.

Increased school costs were cited in other countries, as well, as a reason for declining school attendance. Book fees, in particular, were cited at the first National Forum in **Hungary**. Forum participants in the **Philippines** said that charges for materials, vaccinations and meals amount to user fees that the poor cannot afford.

4.1.2 Access to health care

Various country studies found that *the establishment of user fees for health-care services has led an increasing number of people and families to resort to self-medication and home care* instead of visiting clinics and hospitals. *This has especially been the case for women*. There has been an increase in the number of persons reducing their length of stay in hospitals, as well as of those who cannot complete the full course of their treatment because they cannot afford to buy medication. More people now seek medical attention only when their illness is already severe, *causing an increase in the number of people who die in their homes from curable diseases and often creating public-health hazards by spreading disease in their communities*. The persistence of such infectious but preventable and curable diseases as bronchitis, pneumonia and tuberculosis has been observed in most countries.

With the *establishment of user fees for health care* in **Zimbabwe**, cost increases for patients were dramatic, in some cases exceeding 1,000 percent. This has had a *serious negative impact on the utilization of health-care services* in both rural and urban areas, particularly for the poor. According to the Zimbabwe study, "...immediately after fees were raised in 1991 and again in 1993/94, declines were noted in outpatient and prenatal care sought, prescriptions dispensed, admissions, and X ray, lab and dental services. Most people sought early discharge or absconded to save money."

In **Ghana**, the *introduction of user fees* against a backdrop of continuous decline in the real wages or earnings of many workers, coupled with increasing poverty, has been *largely*

responsible for poor access to health services. It was found that *high hospital fees prevented patients from using health-care facilities* and forced them to resort to self-medication. It was noted at the first National Forum that user fees had reduced out-patient attendance by as much as a third, particularly in rural areas. Many poor people, the Forum participants said, are turned away for lack of funds. Furthermore, the payment arrangements are cumbersome and too much staff time is devoted to collecting fees. The poor are simply being priced out of hospital care, they added, and a *de facto* two-tiered health system for rich and poor has been created.

According to the SAPRI/Ghana study, proximity and cost of services are key determinants in the utilization of health facilities. The study found that the dispersed location of health facilities and their distance from settlements, particularly in the northern region of the country, imposed additional costs on those seeking treatment, most of whom are poor. Furthermore, long-distance travel was found to involve risks and inconveniences that can often result in health complications and sometimes even death. Analysis of household expenditure for health services during a family illness showed that some spent more on health care than on all other items combined. Studies have shown that the contribution of households to the financing of health is almost three times that of government funding in per capita terms.

The user-fee system established in Ghana provides for differential charges for adults and children, as well as exemptions for various categories of patients, such as those unable to pay and, more recently, children under five. Some services have also been made free of charge, including immunization, pre- and post-natal services and treatment at child-welfare clinics. One of the objectives of the Ghana study was to determine the extent to which people at the community level were aware of the exemption policy. The field study revealed in the main that "...the exemption policy has not been as effective as it was meant to be. There seemed to be *some ignorance about the exemption policy among women with children under five years in the rural communities*, who eventually paid for everything anytime they visited the health facility. *Only a few people therefore enjoy free medical care.*" Only 65 percent of the population has access to the modern health system, although this figure disguises gross geographical inequality. Health-status indicators show little change in the marked inequalities in the mortality rates between different regions of the country and between rural and urban areas.

Cost-sharing has made hospital care too costly for the poor in Uganda, as well. People at the Opening National Forum testified that those who cannot pay for critical health care simply die. Hospitals, they said, have administered the program poorly and have been closed down in areas where too many people have been unable to pay.

In the Philippines, *profit-generation schemes of "corporatized" health institutions have particularly affected access by the poor to curative health-care services.* Measures adopted under such schemes include: stricter screening of indigent patients; imposing a ceiling on the

amount of assistance for indigent or charity patients; requiring a deposit from indigent patients before treatment is administered; and requiring all types of patients to buy all the medical supplies needed for their treatment or operation, such as cotton, bandages, sutures, plaster, intravenous fluids, syringes and needles. Further measures include increasing the caseloads of hospital personnel and the elimination of some of their economic benefits, such as hazard pay. ***The overall rise in the cost of health-care services and medicines is the primary reason that most poor households engage in self-medication and delay seeking appropriate medical treatment. This situation has aggravated the spread of communicable diseases,*** such as tuberculosis.

Due to a lack of consensus on health-care reform in **Hungary**, ***only partial reforms were implemented in the public-health system in the 1990s.*** “The public-health strategy of the World Bank,” the country study explained, “was built around three elements: cost efficiency; access; and quality. Yet in practice, the first element proved much weightier than the other two.” The report goes on to note that “...the requirement of universal access to health care is mentioned as a priority but is regarded feasible only if the realization of this aim does not exceed the limits of economic performance or collide with the interests of economic sustainability and the labor market. These conditions could be met if the state were to provide only a ‘basic package’ of health care, meaning that health services would fall victim to the reduction of the redistributive role of the state.” In spite of reductions in resources for health care throughout the 1990s, the ***system has continued to function and provide universal access to nearly all,*** a reality attributed in large part to the sense of vocation in the medical and nursing profession. ***Still, the poor have been the primary victims of the liberalized pharmaceutical market, reduced subsidies on therapeutic equipment, and the growing costs of medical care, as they can ill afford to pay the higher cost of medicine and specialized care.***

4.2 Impact on the Quality of Education and Health Care Services

The poor and, in many cases, deteriorating quality of education and health-care services is a central finding of the country investigations. The combination of cuts in education and health-care spending and reforms to rationalize resource use and reduce the role of the state in service provision has had a negative impact on the quality of these services available to the majority of the population, particularly the poor.

4.2.1 Education quality

In every country studied, inadequate infrastructure and lack of educational materials and supplies, as well as declining salaries and insufficient training for teachers, have negatively affected the quality of education provided. This was found to be true of the different levels of education that were the focus of the various country studies.

In **Hungary**, low teacher salaries and high student-teacher ratios were found to have placed obstacles to the improvement of the quality of education following the reforms of the 1990s. ***In 1998, the real value of net wages in education was 20-percent lower than it had been five years earlier.*** Salaries of primary-school teachers were 68 percent of per capita GDP in 1993, while that of secondary-school teachers was 72 percent. The situation worsened as GDP increased while the real value of teachers' salaries declined. It is estimated that teachers earn less than half of other professionals with similar educational levels. In addition, layoffs of teachers increased the student-teacher ratio and created higher unemployment in the early part of the decade, although an increase in enrollment led to new hiring of teachers in later years.

In **Zimbabwe**, the ***decrease in real, per capita spending on education under adjustment*** in the 1990s has led to a fall in the real wages of teachers. Yet, 90 percent of public spending on primary education goes to salaries, leaving only 10 percent for maintenance and repair of school infrastructure, the acquisition of furniture, textbooks and didactic materials, and ongoing teacher training. This situation has adversely affected the quality of education in the country.

Even where ***public spending has increased***, as in the case of **Uganda** where the Universal Primary Education program was implemented in 1997, the quality of education has suffered. Although resources have been provided to increase the numbers of teachers, textbooks and classrooms in the country, ***these increases have been overwhelmed by the dramatic upsurge in enrollment***, which doubled at the primary level to over five million compared with the previous ten years. As a result, ***the ability to ensure adequate quality of education has become strained***, and there are indications, particularly in rural areas, that the majority of students are not able to read and write even after six years of primary school.

The National Forum participants in **Ghana** lamented that the quality of their country's education system has declined since the onset of structural adjustment and that the results of more than US\$400 million in World Bank lending since the early 1980s have been extremely poor. ***Civil-service layoffs and a decline in the real wages of teachers have led to higher student-teacher ratios***, and the 1991 education reforms failed to address the difficult working conditions that teachers face. Furthermore, ***there is a widespread shortage of textbooks***, despite the imposition of user fees. These factors have led to declining teacher morale, said the Forum participants, as well as an erosion of confidence in public schools.

A general lack of adequate infrastructure and human resources was found to be affecting the quality of Ghanaian tertiary education, in particular, following the reforms. The squeeze in financing has been felt in the area of recruitment and development of personnel, as well as in research. This has occurred at a time in which enrollment has increased tremendously, despite the fact that many more qualified students, numbering in the thousands, have been denied enrollment due to lack of facilities and their inability to pay.

Against a backdrop of growing enrollment in the **Philippines** (18.8 percent growth in primary- and 15.9 percent growth in secondary-school participation from 1992/93 through 1999/2000), the study found *severe and chronic shortages of schools, classrooms, teachers and textbooks*, while teacher salaries and benefits fell as class size and workloads increased. The teacher-student ratio was 1:44 at the primary-school level and 1:34 at the secondary-school level in 1999, the year in which the government imposed a hiring freeze for teachers (the internationally accepted standard is 1:25). At the same time, a survey of primary- and secondary-school teachers found that one quarter teach in classrooms without roofs, and nearly half their schools lack sufficient furniture and electricity. The textbook-student ratio for the 2000 school year was estimated at 1:37, making learning much more difficult.

These problems, which have *led to a poor quality of education*, were found to be more pronounced in rural areas, particularly in the poorer regions of the country. A secondary-school teacher in western Mindanao, for example, testified at the Opening National Forum in Manila to the deplorable conditions in schools: 50 classrooms for a student population of 11,000 and the need for students to share the relatively few textbooks available. Dropout rates in Mindanao primary schools reach as high as 50 percent, literacy rates remain low and young people have ever greater difficulties finding gainful employment.

4.2.2 Health-care quality

Deteriorating conditions in health-care facilities, lack of medicines and inadequate staffing were consistently found to have resulted from reforms under adjustment, particularly in rural areas and poorer regions in the countries studied. This decline in the quality of health-care services for large segments of the population was of serious concern to the civil-society groups consulted.

Reductions in public spending on health care in the 1990s in Zimbabwe were found to have resulted in reduced maintenance, delayed upgrades of deteriorating health facilities, shortages of equipment and essential drugs, and a high rate of staff attrition and loss to the private sector and abroad. The study reported an estimated *30-percent drop in the quality of health-care services in the country* in 1993 when compared with the gains in the post-independence period. *Twice as many women were found to be dying in childbirth in Harare hospitals in 1993 than before 1990. In 1998, high levels of wasting and stunting in children under five were found, particularly in rural areas, a situation that had worsened since the 1980s. At the same time, infant- and child-mortality rates have been increasing* after having shown a steady improvement prior to the implementation of adjustment policies. Several district hospitals and government clinics have been closed since 1995, and *there has been a decline in pre-natal services and in immunization coverage*. Rural facilities tend to offer poor quality or insufficient care, often forcing the sick to pay the cost of travel and admission to higher-level or urban facilities.

Table 5
Zimbabwe Infant Mortality Rate (IMR)
and Child and Mortality Rate (CMR) per 1,000 live births
1978-1997

	Infant Mortality Rate (IMR)			Child Mortality Rate (CMR)		
	Rural	Urban	Total	Rural	Urban	Total
1978	88	64	83	40	25	57
1981	85	59	79	38	22	34
1984	77	50	69	33	17	28
1986	72	47	64	30	15	25
1988	69	46	61	28	15	23
1990	71	55	66	30	20	26
1997	89	63	80	N/A	N/A	36

Source: MoHCW National Health Strategy for Zimbabwe, 1997-2007

The HIV/AIDS pandemic has added to the health crisis in Zimbabwe, where hospitals are having problems keeping up with the demand for services, as estimates indicate that as many as 3,000 victims of the disease may be dying every week. “Because we operate on a specific budget we can no longer admit more patients than we can afford to,” stated a staff member of the Harare Central Hospital. “It simply doesn’t make economic sense.” The following passage from a Zimbabwean newspaper sums up even more dramatically the condition of the country’s health-care system resulting from the implementation of adjustment policies:

Not only do these hospitals face critical drug, equipment and staff shortages, they are becoming extremely expensive for the ordinary worker who is battling to make ends meet due to the high cost of basic commodities. *Consultation and admission fees* are pegged at Z\$169 for adults and Z\$84 for children and *are now demanded upfront. The exemption certificate from the Social Development Office for low-income earners is now only worth the paper it is written on. In the context where the HIV/AIDS pandemic is claiming 1,700 people a week* over and above a host of many other fatal diseases, *the deplorable state of the health delivery system could be seen as a bombshell of seismic proportions.* (Daily News, Harare, 8 November 2000:16; emphasis added)

In the **Philippines**, the study reported on *deteriorating conditions in primary health-care facilities*, such as rural health units and *barangay* health stations, due to lack of funds. These basic, non-hospital health-care facilities are commonly housed in dilapidated and leaking structures and have chronically experienced *shortages of medical supplies, medicines and basic medical instruments and equipment*, such as stethoscopes, weighing scales and microscopes. Moreover, many of these public-health units, particularly those in rural areas, *do not have*

competent medical staff due to the uneven distribution of health-care workers and professionals. Nearly two-thirds of physicians were found to be concentrated in the country's urban centers, *leaving many rural health units "doctorless"*. *It was found that large numbers of women and children in the rural areas die without having seen a doctor*, with only about 40 percent of deaths in the country reported as having been medically attended.

Participants at the Opening National Forum in Manila spoke to these issues and to the effects of two decades of structural adjustment. *They pointed in particular to the deregulation of pharmaceuticals, the increase in hospital and doctor fees and the contracting out of hospital services as part of the liberalizing reforms of the 1980s and to the consequently reduced access by the poor to health care and drugs*. They added that public clinics often lack medicines and that public services provide more curative than preventive care.

Decentralization of health functions to the local level in the Philippines, part of the restructuring of the health sector, was found to have contributed to an exacerbation of the inefficient and inequitable national health-delivery system. Many hospital workers and employees have been retrenched or displaced from their jobs. Those who have been transferred to the locally administrated health-care system have had their labor contracts breached. Their wages have declined, and economic benefits like hazard pay and overtime are no longer paid in cash, but rather transformed into non-monetary compensation. Health-care personnel have also experienced an increase in the number of working hours and in the volume of caseloads.

Meanwhile, in **Ghana**, *low and unacceptable ratios of health-care personnel to patients and poor remuneration of staff were found to negatively affect the quality of public-health services*. Those attending the first National Forum pointed in particular to public-sector layoffs and to poor working conditions for health providers as reasons for the departure overseas by many young doctors once they qualify to practice.

In **Mexico**, according to the Mexican Foundation for Health, 44 percent of citizens cite poor quality as the primary problem with health-care services. *General health-care provision has been restricted to the most basic services*, such as vaccinations, it was noted at the Opening National Forum. Minorities and rural populations have even less access to adequate care than do others. Women in rural areas, particularly indigenous women, have, for example, a disproportionately high incidence of problems related to childbirth.

Even in **Uganda**, where there was an *increase in the number of health facilities, the utilization of these units remains limited as a result of a lack of medicine and insufficient staffing*. It was found that those facilities serving poor areas of the country, in particular, experience long periods without drugs in stock, which serves as a disincentive to seek treatment. Furthermore, recruitment of specialized health workers, such as laboratory technicians and dental

assistants, as required at lower-level health facilities, has proved to be problematic due to low salary levels. Qualified personnel often opt to work in urban areas where they have access to private clinics in which they can obtain additional income by taking on a second shift. Although there have been minimal wage hikes for health personnel as a result of budget increases in the mid-1990s, *salaries continue to fall short of a living wage, leading to low morale and poor quality of services* as employees engage in other activities to supplement their low income. Thus, the study concluded that, *despite improvements in social spending, social indicators continue to reflect poorly on the health sector.*

4.3 Gender Differentiated Effects

In many countries implementing adjustment programs, *women and girls*, in order to compensate for the lack of access to publicly provided services and the means to acquire these services through the market from the private sector, *have had to take on greater responsibility for the education and health-care needs of the extended family*, including caring for the sick and elderly. Care must be provided in the household *even for severe illnesses*, which translates to a yet greater burden on women in their traditional role as care givers. This reality has compounded the impact of adjustment policies on women. The studies point to two key areas in which girls and women have been the most adversely affected by policy shifts.

4.3.1 *Cutbacks in budgetary allocations to the health and education sectors and in public-sector management*

As the Uganda study points out, there is a lack of a clear understanding of gender issues in the area of public-expenditure management. *Women have long borne the “double burden” of both production -- engaging in income-earning activities to support their families -- and reproduction -- bearing, nurturing and taking care of children, doing household chores, preparing food and caring for the sick.* Many of the country assessments have shown that *it is the women at the household level who have had to cope with the need to compensate for the reduction in provision of public services and the inability to access through the market what the government no longer provides.*

Drastic government cuts in health-care spending have affected maternal-health services, a factor of pivotal importance for the welfare of children. In 1995 in Mexico, for example, trained personnel attended only 88.5 percent of births, and the number was even lower in rural areas. In that same year, 6.8 percent of pregnant woman received no pre-natal care, and those that did receive care averaged only 3.9 consultations -- below the minimum of five per pregnancy recommended by the World Health Organization. Gender differences in educational achievement are also notable in Mexico. Women who participated in workshops during the study noted that *girls are the first to leave school to take care of domestic responsibilities so their mothers can expand their income-earning activities.* Data from 1995 show that girls have an

average of 6.9 years of education while boys average 7.5 years. Of the population between 6 and 14 years of age, 8.5 percent of girls do not attend school while 7.1 percent of boys do not. The literacy rate of males over 15 years is 91.4 percent, while for women it is 87.2 percent.

4.3.2 Cost recovery and the imposition of user fees

The **Zimbabwe** study shows that *large increases in school fees resulting from cost-recovery measures in education have impacted negatively on girls*. Primary-school data demonstrate that, in grades with the highest dropout rates, these rates are highest among girls. The results of a broad monitoring survey found that, among the reasons given for not being at school, “because it was too expensive” was more frequently cited in all age groups by girls than boys. This indicates that, although parents prefer to send both male and female children to school, if they are forced to withdraw a child, the girl will usually lose out.

Cost-recovery mechanisms were also found to have an inherent gender bias against women and girls in the **Uganda** study. When a family is faced with financial difficulties, cost sharing tends to affect women to a greater extent than men. In the case of education, *it was found that preference is often given to boys when it comes to payment of fees at post-primary levels*, with participation rates of girls declining at higher levels of schooling. In the area of health, *maternal-care services were reported to be inadequate by women in rural areas*, and what access there was has been further constrained as a result of cost-sharing measures. Among the poor who are unable to afford health-care services *under the cost-sharing arrangements, it was observed that women are more likely to either forego medical services or resort to home-care treatment*. The impact of HIV/AIDS on women as care givers was also noted. Those participating in the first SAPRI National Forum in **Ghana** pointed to similarly severe impacts of such policies on women and girls in that country, as well.

V. The Impact of the Elimination of Basic Subsidies on the Poor

The study in **Ecuador** assessed the impact of a particular, common and important aspect of public-expenditure reforms under adjustment programs, namely, subsidy policy. The first issue encountered was the different understanding that the parties involved in this investigation had of subsidies. Civil-society actors perceived subsidies as a way in which government could help to reduce the gap between the production cost of a good or service and the market price paid by consumers or producers. The World Bank and the government, however, conceived of subsidies as the difference between the national price of a good or service and its opportunity cost, which is implicitly understood as its international price. In addition, they tend to think of public spending on basic education and health care as subsidies, while social actors distinguish between subsidies and social spending, the latter of which they believe to be the responsibility of the state. Furthermore, civil-society groups were clear that subsidies include those public transfers made in support of the corporate and financial sectors, as well.

These differences in conceptualization reveal a difference in belief as to what role the state should play in poverty reduction. “Due to structural adjustment policies,” explained the study’s authors, who were selected jointly by SAPRIN and the Bank, “the meaning of poverty was redefined in Ecuador. Instead of being understood as a problem that requires state intervention, poverty is currently seen as an economic issue that should be resolved by market forces.” ***This has meant an end to universal subsidies and the introduction of targeting of beneficiaries*** as the preferred means of allocating government resources to the social sector and compensating the poor for any negative impacts from the new policy regime.

As part of public-expenditure reform in Ecuador, ***the elimination beginning in 1996 of subsidies for cooking gas and electricity has dramatically increased their price to consumers***. To mitigate the impact of this measure, the government created a targeted social-protection program in 1998 that provides cash transfers to the poor and the elderly through the “Bono Solidario” program. Yet the annual cash transfers made through this program amount to only US\$180 million annually, far below the US\$390 million that was saved by eliminating the cooking-gas and electricity subsidies. Civil-society participants at the Opening National Forum ***called the targeted subsidies unjust, noting that they reach, at best, 17 percent of the more than seven million Ecuadorans living in poverty***.

The SAPRI assessment found that the “Bono Solidario” program was not well designed. Initial targeting procedures were conceived of as very short-term measures, and, due to the eligibility criteria for receiving the “Bono”, a significant number of applications made by poor citizens were rejected by the government. While the criteria were later improved, discontent remains about the overall characteristics of the program. It merely provides for the minimum level of caloric intake necessary for subsistence and allows for no improvement in the conditions of the poor, as the transfer is withdrawn if a person acquires any additional income or assets. The “Bono” was also found to be inaccessible by much of the rural poor, as the cost of transportation necessary to collect the subsidy would cancel out most of the benefit. Assessed from the perspective of both beneficiaries and non-beneficiaries, the “Bono Solidario”, as ***the government’s targeted subsidy program, was ineffective***.

The results of the Ecuador study indicate that ***the removal or reduction of universal subsidies for essential services, such as electricity, affects those with the lowest income the most. When this policy was combined with a reduction in government spending for education and health care, there was a severe increase in the number of poor, as well as a deepening of poverty in the country. These impacts were found to be more pronounced in rural areas and female-headed households. The subsequent targeting of subsidies through direct transfers was found to be ineffective in reaching many of those most in need***, though the transfers did help those able to access them maintain basic nutrition levels. ***The Ecuador investigation concluded that the policy of targeting is rendered unviable when the majority of the population is poor and becoming poorer and that it does not***

compensate for the failure of macroeconomic policies to reactivate national production, generate employment opportunities and increase incomes. Both the research study and National Forum participants made clear, as well, that, while the poor have been increasingly deprived, *powerful economic groups have continued to receive de facto subsidies in the form of financial bailouts, currency devaluations, credit guarantees, tax incentives and other such measures.*

Meanwhile, according to the participants at the Opening National Forum in **Mexico**, *the targeting of social programs has served to deny many segments of the population needed benefits.* The national poverty-alleviation programs, including PRONASOL and PROGRESA, were designed to provide limited support in a targeted manner only to those in extreme conditions of poverty, rather than to improve conditions for the society as a whole. Participants charged that this policy of targeting resources has been used for political-electoral ends, created conflicts within communities and even within families, and failed to provide for the most basic needs of large segments of the poor. Furthermore, *fiscal policies under adjustment that have included the removal of subsidies on basic food items (such as milk and tortillas), as well as price increases for basic goods and services and new taxes on food and medicine, have caused additional hardship for low-income sectors of the population.* Participants emphasized that *women, children, and the indigenous population have been those most negatively affected.*

VI. Conclusion

The review of the impact of public-expenditure reform under structural adjustment programs has inevitably addressed the issue of the role of the state in the social sector. The policy design of adjustment programs has had as a clear goal the reduction of the state's role, on the one hand, and, on the other, the strengthening and expansion of the role of the market and the private sector in the provision of education and health care. The investigations have shown that, in practice, reforms have usually led to a systematic reduction in the role and capacity of the state to provide social services to the majority of the population, allowing service access to be increasingly subjected to the rules and forces of the market. Education and health care have become less service functions of the state and more goods to be bought in the market by those who can afford them.

Civil-society organizations have strongly criticized these policy shifts under adjustment for, in effect, transferring resources from the poor to the rich. Low-income groups have been asked to sacrifice and suffer the consequences of cuts in subsidies and social spending and the imposition of cost-sharing and cost-recovery measures. Yet, subsidies continue to be extended to private corporations through credit guarantees, tax incentives and even bailout packages and loans to rescue ailing banks and corporations. At the same time, the persistent external-debt problem faced by many countries has been a major factor behind the constraints applied to public spending. Six of

the seven countries reviewed in this chapter are saddled with huge external debt, and interest and principal payments on their public-sector debts have received the highest priority in the allocation of government resources.

In the face of low wages and high unemployment levels, the imposition of user fees and the rising cost of services to local populations have increased hardships on the poor. The targeting of state subsidies to those in extreme poverty has failed to be an effective policy instrument for addressing poverty and has only perpetuated inequality. The deterioration in health conditions among low-income groups and their inadequate access to quality education translate into an underdeveloped potential and the erosion of the capabilities of individuals and their communities to build sustainable livelihoods. These long-term human costs have been the outcome of policies premised on a distorted calculus that considers investments in the social sector as subsidies that can be eliminated, with the assumption that this would lead to greater economic growth. Yet, as evidenced by the country assessments, the result has been an expansion and deepening of poverty and greater social exclusion.

Specific conclusions drawn from the country investigations are as follows:

- ***Structural adjustment programs have led, in the worst of cases, to a sharp deterioration in public spending for health care and education, while, even in the best of cases, there has been inadequate improvement in spending levels.*** In Hungary and Zimbabwe, where the state had been extensively involved in the universal provision of social services, public spending for education and health care has dropped precipitously as a result of expenditure controls under adjustment. Spending for these services in Ghana has stagnated in real terms, although population growth and the nation's demographic structure indicate that higher spending levels are needed to maintain the same level, much less improve the quality, of services. In these and other countries, ***servicing the foreign debt has been given priority over spending for social-service provision.*** In Uganda, the only sample country that has seen an increase in spending on education and health care, in large part due to debt reduction under HIPC, the review showed a lack of improvement in the allocation of resources to ensure service quality.
- ***The imposition of cost-sharing and revenue-generating schemes has created additional constraints to access by the poor to quality services. As a result of an increase in fees, school-dropout rates have risen in most countries, particularly among girls,*** exacerbating a disturbing gender gap that increases at higher levels of education. Access to secondary and tertiary education, in particular, was found to be skewed against the poor. Fees for health services were found to limit access by the poor to timely care, particularly in rural areas, and exemptions for certain groups and services have not been effective due to lack of information about such programs on the part of potential beneficiaries. As a result, ***an increasing number of people have resorted to***

self-medication and home care, particularly women. Many seek medical attention only when their illness is already severe, often creating public-health hazards by spreading disease in communities.

- ***Educational quality has worsened as a result of budget constraints.*** In general, the quality of education, particularly in rural areas and poorer regions of the countries studied, was found to be woefully inadequate. In many places, school infrastructure has deteriorated or is entirely lacking due to insufficient investment, while shortages of educational supplies, such as textbooks and didactic materials, are widespread. ***Although recurrent spending on salaries tends to make up the vast majority of education budgets, real wages for teachers have dropped while student-teacher ratios have increased.*** Teacher training, important for improving educational quality as well as for keeping experienced teachers, has been inadequate and underfunded.
- ***The quality of available health care has not improved and has worsened in some regions, and large disparities persist between rural and urban areas.*** Deteriorating conditions in health-care facilities, lack of medicines and inadequate staffing were consistently found to have resulted from reforms. In some countries, physicians tend to be concentrated in urban centers, while many rural health units remain “doctorless”. In several cases, health facilities serving poor areas, in particular, have experienced long periods without drugs in stock.
- ***The elimination of universally provided subsidies for essential goods and services has negatively affected the quality of life of the poorest.*** The removal or reduction of subsidies for essential services, such as electricity, was found to affect those with the lowest income the most. ***The policy of targeting subsidies is rendered unviable when the majority of the population is poor and becoming poorer, and it does not compensate for the failure of macroeconomic policies to reactivate national production, generate employment opportunities or increase incomes.***

The country assessments coincide in concluding that there is an important redistributive role for the state, exercised through budgetary formulation and public policy, to provide universal access to affordable quality services. To this end, a series of basic recommendations are suggested.

User fees and other cost-recovery schemes for primary and preventive health care and basic education should be abolished. Increases are required, in real terms, in budgets for health care and education. An emphasis should be placed on improving allocation to ensure the efficient use of resources, as well as the quality of services and equitable service delivery. Overall, more spending is required for supplies and maintenance, as well as for improvement in infrastructure and personnel salaries and training, that will improve the quality of health care and education. An emphasis on primary and preventative health care and basic education is key, but this should not

occur at the expense of curative health facilities or secondary and tertiary education, which are also of prime importance for human and economic development.

The expansion of social-service coverage should not lead to a decline in service quality. When greater access translates into a significant growth in the number of students and/or patients, and that growth threatens a decline in service quality, financing must be found to ensure both quality and expanded coverage. At the same time, where universal subsidies have been in place for essential services, these should not be eliminated and replaced with targeted programs of direct transfers. Resources can be generated for these purposes in a number of ways, including through reductions in debt payments and military expenditures, the termination of corporate subsidies, and the application of higher taxes or tariffs on luxury and other goods consumed by more well-to-do citizens.

There is also an immediate and massive need for greater investment to deal with the problem of communicable diseases, which requires making available the medicines that exist for their treatment and prevention. In this regard, the HIV/AIDS pandemic must be given utmost and urgent priority, especially in the Africa region. More resources should be channeled toward HIV/AIDS campaigns, and there must be democratic access to drugs and treatment being developed for this disease. Increased attention and importance should also be given to maternal health-care services.

Finally, social expenditures should be protected from cuts during times of fiscal crisis. Toward this end, the budget-formulation process should be democratized to allow for the meaningful participation of civil society. Transparency and accountability should be strictly upheld in the whole process of policy formulation and implementation and in the monitoring of public expenditures. In this regard, a policy of full public disclosure of information, including a process for easy access to all such data, should be observed.

Structural Adjustment, Poverty and Inequality

When Jim Wolfensohn agreed to engage civil society in an on-the-ground analysis of the effects of structural adjustment policies soon after he assumed the presidency of the World Bank, he said that he wanted to find out what the effects of economic reform were on poverty reduction, income differentials and disparate population groups. The preceding seven chapters have in large part focused on that impact. This concluding chapter brings together those findings, summarizes them and reorganizes and presents them in a manner intended to facilitate an understanding of the consequences of the adjustment policies studied in the SAPRI and CASA countries and the dynamics that account for the extensive poverty and inequality that they have generated.

The conclusion of this unprecedented policy review is timely, for it comes at a moment when poverty is again a focus of the international community and poverty assessments are in vogue. What SAPRI/CASA and this report contribute to those endeavors, and what the Bank itself does not address in the assessments that it promotes, is an analysis of the relationship between economic-policy reforms and the generation of poverty, without which an understanding of poverty creation and reduction is impossible. Indeed, an understanding of the relationship between trade and financial-sector liberalization, labor-market reforms, privatization and agricultural and other sectoral reforms, on the one hand, and the productive sectors of the economy, on the other, and -- in turn -- an appreciation of the significance of productive-sector dynamics for the well-being or impoverishment of various population groups are indispensable to addressing the aforementioned problems constructively.

The SAPRI/CASA investigations have identified four basic ways in which adjustment policies have contributed to the further impoverishment and marginalization of local populations, while increasing economic inequality. The first is through the demise of domestic manufacturing sectors and the loss of gainful employment by laid-off workers and small producers due to the nature of trade and financial-sector reforms. The second relates to the contribution that agricultural, trade and mining reforms have made to the declining viability and incomes of small farms and poor rural communities, as well as to declining food security, particularly in rural areas. Third, the retrenchment of workers through privatizations and budget cuts, in conjunction with labor-market

flexibilization measures, has resulted in less secure employment, lower wages, fewer benefits and an erosion of workers' rights and bargaining power. Finally, poverty has been increased through privatization programs, the application of user fees, budget cuts and other adjustment measures that have reduced the role of the state in providing or guaranteeing affordable access to essential quality services. These four issues are reviewed in sequence below.

I. The Impact of Trade and Financial Sector Reforms on Manufacturing, Employment and Small and Poor Producers

Liberalizing reforms in trade policy and in the financial sector have combined to destroy domestic productive capacity, particularly among the small and medium-sized enterprises that are at the core of national economies and that employ the large majority of their workforces. The orientation in bank lending and government policy has been toward financing and facilitating export production, but there has been limited linkage in much of this production to the local economy and local producers. At the same time, the latter have been by and large unprepared to compete against the influx of imports that has come with the lowering of trade barriers. The result has been a large increase in unemployment and a loss of income, most notably among poor, unskilled workers, particularly women and those living in low-income rural areas.

1.1 Domestic manufacturing sectors and employment have been hit hard by indiscriminate import liberalization and financial-sector policies that have attracted investment away from productive activities.

The removal of import barriers, justified on the basis of enhancing competition and efficiency, has taken place before, and in many cases without, the complementary steps required to help local enterprises become competitive. This has engendered a reduction in output and bankruptcies of a great number of enterprises, leaving workers to search for employment in the informal sector and in other less remunerative activities. The loss of formal-sector manufacturing jobs has made a major contribution to the growing gap between national employment opportunities and the volumes of new entrants to the labor market.

While, the industrialization process has faltered in all the countries studied, nowhere is the phenomenon of de-industrialization and concomitant retrenchment and impoverishment more evident than in Ecuador. Industry's share in the national economy is now approximately half of what it was in the mid-1980s when the liberalization process began, and the jobless rate in urban areas is more than twice what it was at the start of the 1990s, with the greatest increases in unemployment found among lower-income groups. Similarly, in Bangladesh, where the precipitous reduction of tariffs opened a floodgate of imports from well-financed transnational corporations and helped undermine the development of indigenous industries, the number of manufacturing jobs has nearly halved since reforms were instituted. Zimbabwe has also experienced a serious contraction in formal-sector employment under adjustment, especially among women, to the point where the

rate of growth of formal-sector employment is now one half the rate of growth of the labor force and where, as in many other countries, most new employment is in the form of low-quality jobs in the informal sector. For its part, Hungary experienced a workforce reduction unmatched in any period of its recorded history.

1.2 Coupled with trade liberalization measures, financial-sector reforms have had a particularly devastating impact on small and medium-sized firms and the large number of jobs they provide.

High interest rates and other obstacles to borrowing by some sectors have been particularly debilitating for small firms that do not generate sufficient internal savings to satisfy their need for long-term working capital. Most lending has been directed to larger companies in the export sector and to non-productive activities instead of to broad-based production needed to stimulate national economies and especially economic activities in poor rural areas. During the second half of the 1990s, for example, after financial-sector reforms had been introduced in Ecuador, average loan size increased nearly five-fold and 95 percent of the loans had a maturity of less than a year. Long-term, non-export-oriented activities, in Ecuador and elsewhere, have become increasingly unfeasible. Precipitous import liberalization and the failure to sequence trade reforms have also been particularly painful for this sub-sector. As many as 20,000 Mexican small businesses had been forced into bankruptcy by 1998 as a result of trade and financial-sector liberalization. In Hungary, tens of thousands of small shops have lost their viability as suppliers because of the country's rapidly paced open-trade policy. Though this sector has employed some 70 percent of all Hungarian workers, it has not been given the time or support needed to develop the capacity to compete with the flood of cheap, high-quality imports. In Bangladesh, as well, a sharp reduction in employment in the manufacturing sector has occurred primarily in small and cottage industries.

1.3 Women and indigenous producers, especially in rural areas, have had difficulties accessing affordable credit, or credit at any price, from formal lending institutions.

The high interest rates resulting from liberalization, along with the application of stringent collateral and other loan requirements, have effectively discriminated against poorer and more geographically remote producers in favor of wealthier, urban clientele. In El Salvador, for example, where women are often not property owners, satisfying the banks' collateral requirements has proven to be impossible for female producers, thereby catching the latter in a vicious circle of poverty. In Bangladesh, where more than 70 percent of bank financing in the post-reform period was directed towards one percent of borrowers, women, who contribute more than a quarter of all bank deposits, receive less than two percent of all available credit. They and other small producers are further handicapped in their search for capital by the difficulties faced by smaller and more informal lending institutions in gaining entry to the sector and by the declining support for and role in development banking on the part of the government.

1.4 Increases in exports have failed to generate significant domestic economic activity and employment.

Whatever employment increases have taken place in the manufacturing sector have occurred largely in the export-oriented industries, particularly in assembly plants in export-processing zones. The employment generated by these plants is limited, however, in that they operate in essentially foreign-owned enclaves without forward or backward production linkages, representing a breakdown in the integration of economic sectors. While these factories hire mainly women, they are employed in low-paying, unskilled jobs with poor working conditions and few benefits or job security. In El Salvador, for example, 83 percent of assembly-plant or *maquiladora* workers are women, and large percentages of them receive less than the minimum wage, suffer abusive treatment and are denied paid maternity leave and severance pay. Overall the benefits of the increases in export growth have gone primarily to foreign corporations and are not felt significantly in the local economy.

II. The Impact of Agricultural, Trade and Mining Reforms on Agricultural Production, Small Farms, Food Security and Poor Communities

Trade liberalization, agricultural reforms and other sectoral and structural adjustment measures have served to marginalize the poor in rural areas, to reduce the availability of productive farmland for cultivation for the local market and to undermine food security. The design and implementation of the agricultural-sector reforms failed to take into account existing socioeconomic differentiations, and, as a result, poverty and rural inequality have worsened. The more well-to-do, large-scale producers with access to productive resources, particularly those producing for export, have generally benefited from the liberalizing reforms. Small farmers, particularly those producing food for the domestic population, have seen their costs skyrocket and their access to credit, land and markets become more problematic. These policy effects have been felt strongly, in particular, by women, who are bearing a heavier burden under the reforms. The cost of living in rural areas has risen while incomes have fallen. These problems have been compounded by the impact that the privatization, liberalization and deregulation of the mining sector and other extra extractive industries have had on land use and the environment.

2.1 The liberalization of economic activity in rural areas and a reduction of the development role of government, along with trade liberalization and currency devaluations, have favored exports over production for the domestic market and have increased inequalities.

The agricultural-reform policies implemented in the SAPRI/CASA countries were designed to increase agricultural exports as a principal basis for economic growth and as a means to improve farmers' incomes. At their core is the liberalization of internal and external trade, intended to allow the market, rather than government, to direct resource allocation and determine the prices of inputs

and outputs, enabling the reduction of government expenditures in the process. However, adjustment programs have provided incentives and attractive policies for investment in foreign-exchange-earning activities, including large-scale mining, thus helping to concentrate the benefits of the reforms in relatively few hands.

Meanwhile, the removal or reduction of barriers to the influx of cheap agricultural goods, of controls on interest rates, of regulations on financial institutions, of subsidies on agricultural inputs, and of government involvement in the production, distribution and marketing of inputs and commodities has greatly increased the costs and accessibility of productive resources for most farmers. This increase in costs of inputs and marketing has outstripped the increase in the prices of the goods produced, causing a decline in incomes. Without government regulation and services, farmers are operating, without adequate information, in a market that is neither competitive nor efficient.

2.2 Small farmers and women have been affected more negatively by the differentiated access to resources for production that has been reinforced by the reforms and the market.

The disappearance of development banks, of subsidized credit and of the regulation of interest rates, along with the difficulty of entry for smaller lending institutions into the deregulated financial sectors, has made it particularly difficult for small producers to obtain credit from formal institutions. Although women in many countries, such as Zimbabwe, do most of the farmwork, they often face the additional problem of lacking collateral for bank loans because land-ownership rights are generally vested in male heads of household. Without land as collateral, women receive, for example, less than ten percent of credit for smallholder farmers in Zimbabwe. There has thus been a considerable increase in reliance in most countries on informal sources for credit and -- for similar reasons -- for marketing services, seeds, pesticides and other inputs. The consequences of this dependence are well illustrated by the case of Uganda, where the absence of government programs and adequate infrastructure has enabled petty traders and transport owners to profit from a retail-price markup in the capital that can reach ten times the farm-gate price. This reduced profitability for small producers is contributing significantly to the very high poverty levels in the villages.

2.3 Agricultural and mining reforms have directly and indirectly affected the ownership, control and use of productive land, further skewing the distribution of wealth and incomes in rural areas.

The rising cost of inputs following the liberalizing reforms has reached the point in some countries where farmers have been forced either to reduce their application per acre, reduce acreage under cultivation or convert to the production of non-food crops. Many have left farming altogether, as in Mexico, where reduced government support for small farmers, increased costs, a surge of cheap food imports and a liberalizing of the rural land market through a constitutional

reform has made thousand of farmers into day laborers, *maquiladora* workers and migrants. As in Mexico, many small producers have been effectively, or literally, pushed off their land by large-scale export ventures in agriculture, mining and other areas. In Ghana, for example, private mining companies, staking their claims to newly privatized, mineral-rich land, forced farmers and families engaged in artisan-style mining off their land and destroyed farmland with open-pit mining methods. Ghana, like other countries, is seeing community control over land and other resources lost to major mining interests.

Indeed, a great deal of productive, smallholder farmland is also being lost to environmental degradation caused by the intense exploitation of resources for export. In the Philippines, for example, policy reforms have led to the conversion of common property rights to the private ownership of land and water resources and to the overexploitation of those resources through the application of commercial methods to intensive shrimp production. This has reduced the acreage available for the cultivation of traditional crops and has increased income erosion and inequality. Similarly, the liberalization of the Philippines' mining industry in 1985 led to the opening up of large tracts of land for large-scale corporate surface-mining activity that has destroyed farmlands belonging in large part to indigenous peoples, creating a serious loss of livelihood and increased family indebtedness. Little has been done in the liberalizing climate of adjustment to reform environmental laws to protect local communities from the mining operations.

2.4 The concentration of landholdings for export production, engendered by economic reforms, and the resulting environmental damage exacerbated by the liberalization of agriculture and mining, have raised the cost of living, especially food prices, and reduced food security.

The necessary cutbacks in production by struggling small food producers and the displacement of many of them by large agricultural and mining interests producing principally for export have seriously affected consumers. Virtually all of the SAPRI/CASA countries have experienced deteriorating food-security situations as a result of similar liberalizing reforms. In Zimbabwe, for example, reform policies have led to a reduction in the capacity of rural communities to produce their own food due to the rising cost of agricultural inputs. The country's export push, which has shifted land from the cultivation of food crops to the production of paprika and cotton, has increased the shortage and prices of staple foods and thus exacerbated the food insecurity of the poor. Thirty percent of children under the age of five are chronically malnourished. Zimbabwe has been transformed from a country that produced enough maize and wheat to meet all its domestic food needs to one that must import food -- approximately one million tons annually by the late 1990s.

In Mexico, adjustment measures that concentrated land for large-scale export promotion, reduced government and financial support for small farmers, and liberalized imports have left many rural communities unable to produce their own food and forced them to buy the food they need on

the market at prices they cannot afford. A similar pattern has existed in Uganda, where increases in coffee production have been paralleled by a decline in the production of maize and beans, contributing to the failure of food production to keep up with population growth. In the Philippines, the displacement of the cultivation of rice and other staples by shrimp farming and the imposition by the IMF of budget-deficit ceilings that have reduced necessary investments in the rice industry have created a growing dependency on rice imports and a vulnerability to the volatility of international prices.

In the Philippines and Ghana, the loss of farmland to mining and the significant environmental impact that mining has had on health, energy sources and other local conditions have pushed up the cost of living in the communities near the mines, compounding the destruction and loss of traditional sources of livelihood.

Virtually all the principal adjustment measures have had profound effects on small-farm food production and on the cost of food. This includes currency devaluations, which have raised the prices of imported food, on which countries and regions are increasingly dependent, and the cost of imported inputs for production. Rising food prices have hit the poor in Ghana, for example, very hard in an environment marked by increasing layoffs and stagnating wages. Reforms in the rural sector were promoted on the premise that local food supply is not important, as food access and security, it was claimed, can be attained through the market. The reality is that the poor often lack the means to pay for the imported food, on which of necessity they must often now rely, and consequently have suffered from inadequate food intake and increasing malnourishment.

Beyond the destruction of farmland, livelihoods and food security, open-pit mining has created other serious problems for neighboring communities. Production and the relaxation of environmental controls have generated extensive health problems, particularly respiratory-tract illnesses, and increased the burdens on women of finding drinkable water and firewood and caring for the ill. The destruction of family incomes and mining's inability to provide significant gainful and safe employment to compensate have increased child labor and school dropout rates, generated increased migration and contributed to family and social disintegration, as marked by increased drug use and prostitution, and to a rising incidence of HIV/AIDS.

III. The Impact of Labor Market Reform and Privatization on Wages, Employment, and Poverty

While employment levels and wages have been affected by a range of adjustment measures, employment has become more precarious and generally less remunerative with the increase of privatization and the introduction of labor-market reforms in a growing number of countries. Greater discretion in the determination of wage and job levels has been placed in the hands of private employers with the selling off of state enterprises and public utilities and with the liberalization of labor laws and regulations. Employees have lost much of their bargaining power

and protections. Family incomes have fallen as a result, and more members must work longer hours to sustain the household.

3.1 Real wages have deteriorated as a result of labor-market reforms and other adjustment measures, particularly among the lowest income groups.

Since adjustment measures have been implemented, the SAPRI/CASA investigations found that wages have declined, worker purchasing power has been reduced, and income distribution is now less equitable. There has been no effort to link the purchasing power of wages to increases in productivity. The share of wages in gross domestic income has fallen while the share of profits has risen markedly where adjustment has been implemented. Wage flexibility, in the form, for example, of temporary, individual employment contracts, has helped suppress incomes so that they now frequently do not cover a family's basic needs. This problem is exacerbated by the common absence of benefit packages in these contracts and by a loss, as a result of the reforms, of protections of the right to organize and bargain collectively. The relaxation of hiring and firing constraints and of labor-market regulation generally has given employers added leverage in determining wages.

The combined effects of labor-market flexibilization and other adjustment policies in the SAPRI/CASA countries is striking. Real wages have declined in Zimbabwe, for example, to the point where many workers now live below the poverty line and two thirds of the population are surviving on less than two dollars a day. In Mexico, where the minimum wage has lost close to 70 percent of its purchasing power since adjustment measures were first introduced in 1982, the number of people living in extreme poverty and unable to purchase the basic food basket rose from six to 30 million between 1994 and 2000. Two thirds of economically active Salvadorans now earn less than the minimum wage, and, after adjustment reduced workers' incomes by more than one half over the past 20 years, the average real income of those employed in urban Ecuador today is less than \$200 a month.

3.2 Unemployment and job insecurity have increased and working conditions have often deteriorated with the increase in privatizations and the introduction of flexibilization measures.

Layoffs have accompanied privatization across the board, and there has often been insufficient new employment generated to compensate for jobs lost. While adjustment advocates predicted an increase in national employment from the privatization of state-run enterprises through the attraction of investment and the achievement of greater efficiencies, the evidence from SAPRI/CASA shows no such tendency. From Ecuador to Bangladesh, the formal sector is now generating less employment and producing ever-greater social exclusion. In Bangladesh, where nearly 40 percent of workers employed in previously state-owned companies have lost their jobs, there has been a tendency to replace permanent workers with temporary labor. Similarly, in

Hungary, newly privatized firms commonly contract employees for only one to three months at a time. While privatization has eliminated a massive number of jobs, it has been particularly costly for women. In most countries, women have constituted a large percentage of those workers without specialized skills, and they are thus among the first to be laid off. In countries such as Hungary, this problem has been exacerbated by the tendency of the owners of the privatized businesses to rid their workforces of pregnant women and mothers with small children.

Similar discrimination is often found in export-processing zones, which manifest many of the problems created by flexibilization measures. Without effective bargaining power or sufficiently strong laws and regulations to protect them, many workers are exploited with low pay, few benefits and poor working conditions. Women, who are typically the majority of the workforce, are vulnerable to harassment and unilateral and arbitrary decisionmaking regarding, for example, layoffs and the granting of pregnancy or sick leave, due to the pervasive failure of employers to respect basic labor rights. In this case, the increase of women in the labor force reflects not an improvement in gender equity but rather opportunities for employers to hire workers at the least possible cost and with minimal social responsibility.

Flexibilization has been applied on an unlevel playing field in the labor market. Labor laws have been shaped to provide employers with maximum leverage in their relations with workers, as reflected in the increased use of hourly labor and temporary, fixed-term and part-time contracts. Workers, particularly in low-skill and labor-intensive sectors, are in oversupply and in a weak position in salary and contract negotiations. There were no cases observed in the SAPRI/CASA countries in which steps have been taken to improve working conditions or to include workers in decisionmaking processes. As a result, workers worry increasingly about losing their jobs and thus are now more likely to renounce their labor rights or refrain from forming unions.

3.3 Labor-market reforms and privatization have increased inequality and decreased family incomes, generating an increase in child labor, other survival strategies and social dislocations and problems.

Income distribution has worsened as large numbers of low-skilled, low-wage workers, especially minorities and women, have been the first to be laid off by privatized firms. Job training has not adequately addressed the problems of the newly unemployed. The new jobs created in the private companies are generally well-paying, but have required higher skill levels. At the family level, the loss of wages and gainful and secure employment has resulted in the modification of survival strategies wherever these reforms and related adjustment measures have been adopted. Many heads of household have had to take second and third jobs, usually in the informal sector where they are available, and additional family members have often had to join the workforce. Increasingly, children have had to drop out of school to supplement declining family incomes by taking jobs that pay salaries that are usually far below the minimum wage. A third of Mexico's agricultural day laborers, for example, are below the age of 18. Girls frequently leave school to

take on responsibility for household chores in the absence of their mothers. Longer working days for both parents in Mexico and other countries often leave children with inadequate parental guidance. Juvenile delinquency has increased, as has domestic violence, fueled by the household tensions caused by reduced capacities to cover basic needs. Health, nutrition and the ability to find adequate housing have suffered. Migration has increased, and many family structures have fractured as a result.

IV. The Impact of the Privatization of Public Utilities and Public Expenditure Reform on the Availability of Affordable Services and on Poverty

The privatization of public utilities, including such essential services as the provision of water and electricity, has led to significant rate hikes and has increased financial pressure on poor families. Such privatizations also tend to discriminate against the poor with regard to price, access and consumer choice, thus exacerbating existing economic inequalities. Where government public-welfare functions have not been transferred to the private sector they have undergone a comprehensive transformation that has entailed a redefinition of the problem of poverty and the state's role in addressing it. At its core, it involves a radical shift for government from providing and guaranteeing universally accessible social services, such as education and health care, to targeting only those on the margins whom the market has failed to reach with those essential services. Within this context, governments have drastically reduced funding in the social sectors, implemented cost-recovery, cost-sharing and revenue-generating schemes and often decentralized service provision to local authorities.

4.1 The privatization of public utilities and services has usually resulted in significant price increases for the general public, paralleled by little improvement or reductions in access and service quality.

In Hungary, for example, rates for electricity, heat, water and gas increased on average twice as much as wages in order to guarantee returns to private investors. Foreign companies took over the oil and gas industry and raised electricity rates until they were ten times higher in 1998 than in 1989. Poor families and especially pensioners now have severe difficulties in paying their utility bills, while the quality of service has barely changed. Indeed, the privatized social-security system, according to those Hungarians consulted in the SAPRI exercise, provides lower benefits for higher premiums except to high-income groups. In El Salvador, electricity rates increased by nearly 50 percent for low-end consumers in the two years following the privatization of distribution services, double the rate increase for high-end customers. Furthermore, access to electricity and the quality of service have declined, especially for poor communities in rural areas, which the private companies do not see as sufficiently profitable. Thus privatization has exacerbated inequalities and increased hardships for the poor, forcing many families to resort to traditional energy sources, such

as firewood, and many micro enterprises to close down. As in Hungary, the privatization of public utilities has failed to achieve its efficiency goals. Whatever increases there have been in the ratio between revenues and expenses have been achieved at the expense of the poorer consumers.

4.2 The elimination of universal subsidies for essential goods and services has negatively affected the poor and their quality of life.

Lower-income groups are affected most when subsidies on such essentials as electricity and cooking gas are reduced or eliminated, as they were starting in 1996 in Ecuador. While this measure conformed with the country's public-expenditure reform program, it dramatically increased prices for consumers. The targeted social-protection program that replaced the universal subsidies has reached less than 20 percent of those living in poverty. Similarly, in Mexico, the removal of subsidies on basic food items has caused hardship for low-income sectors of the population, especially women, children and indigenous groups. The targeting of the benefits has also failed to assist the many segments of the population in need, reinforcing the contention that the policy of targeting is not viable when the majority of the population is poor. While the poor have been increasingly deprived, subsidies have been extended to private corporations in various forms, including credit guarantees, tax incentives and financial bailouts.

4.3 Stabilization and structural adjustment programs have generally led to a sharp deterioration in public spending on social services, often during economic downturns, while debt obligations continue to be paid.

In Hungary, for example, state expenditures on health care, education and social-welfare provisions decreased by 25 percent in real terms during the first seven years of the 1990s. Along with related policy reforms, these cuts have contributed to the expansion and deepening of poverty and to the dramatic increase in social inequality and served to dismantle, almost irreversibly, the country's integrated social systems. Reductions in public spending have not been applied, however, to debt servicing, which has become an unquestioned and key function of governments. In fact, controls on social spending, related policies and the theoretical framework in which they fit have been implemented precisely so that debt obligations could be met. The experiences of the SAPRI and CASA countries illustrate how the poor pay the external debt several times over despite having had little or no role in creating it, especially private-sector debts that have often been assumed by governments. Beyond their tax contributions to debt servicing, the poor pay for it through the sacrifices and suffering they bear as a result of the reduction in public spending and the costs they now must pay for basic services and for the now more expensive, privatized public utilities. Furthermore, as civil-society participants in Ecuador have emphasized, the foreign debt has provided a mechanism by which the international financial institutions have applied external pressure for the adoption of their often-poverty-inducing policy prescriptions.

In several of the countries studied, public resources have been used not just to service public debt, but also to rescue private corporations and banks that have not been able to meet their obligations. These spending priorities are evident in Mexico, for example, where social expenditures have fallen dramatically since adjustment measures were first applied to the economy in 1983. As of 2000, public resources devoted to reducing poverty were equivalent to just one quarter of the annual cost to the Mexican Treasury of rescuing the private banks amidst the financial and economic crisis of 1994. Indeed, spending controls and cost-sharing schemes have been implemented in the SAPRI/CASA and many other countries during periods of economic decline and growing poverty, when social assistance and services for the poor have been in greatest demand.

4.4 The quality of education and health care has generally declined as a result of pressures to reduce public expenditures.

In most places, particularly in rural areas and poorer regions, educational quality was found to be woefully inadequate by the SAPRI/CASA researchers. The decentralization of services and their management to the regional and local levels, a key feature of reforms in this sector, has proven to be disastrous because it has often been accompanied by inadequate funding. School infrastructure is often lacking, shortages of educational supplies are widespread and teachers' incomes have declined, as have teacher-student ratios. Reductions in public spending on health care have left countries with public-health budgets insufficient to meet health needs. A deterioration of conditions in health-care facilities, inadequate staffing and a lack of medicines, especially in rural and other poor areas, have had serious consequences. Many rural health units are without doctors and adequate staffing and have lacked drugs for long periods. The devaluation of local currencies has contributed to these problems, as most medicines and medical equipment must be imported. Maternal- and child-care services are commonly inadequate. The HIV/AIDS crisis has overloaded hospitals in many countries, and many patients have been sent away. In most cases it has been women and girls who have out of necessity had to take on greater responsibility for the education and health-care needs in poorer families.

4.5 The imposition of cost-sharing schemes has presented serious constraints to access by poor people to health care and education.

This was found to be true in all the countries studied. School dropout rates have risen in most of the countries, particularly among girls, where user fees have been charged. Fees have increased inequalities in Ghana, for example, both between and within communities, as income levels are the most important determinant of enrollment at higher-education institutions. When school fees were reintroduced in Zimbabwe after a decade of free education, there was a dramatic increase in dropout rates. Fees for health services were found to limit access by the poor to timely care, particularly in poor, rural areas. An increasing number of people are resorting to self-medication and home care. More people now seek medical attention only when their illness is

already severe, causing an increase in unattended home deaths and creating public-health hazards. The introduction of user fees in Zimbabwe raised treatment costs for patients by as much as 1,000 percent. In Ghana, high hospital fees and a continuous decline in the earnings of many workers have prevented patients from using health-care facilities.

V. Weak Macroeconomic Performance under Adjustment

The World Bank and other advocates of adjustment policies have increasingly acknowledged that many of these adjustment measures have generated losses among the poor. In fact, it was concern about the connection between adjustment programs and growing poverty and inequality that led President Wolfensohn to accept the NGO challenge and undertake the SAPRI investigation. The Bank claims, however, that the macroeconomic gains from the implementation of adjustment policies offset any short-term losses among certain population groups and sectors by setting countries on the path toward sustainable growth. This is part of its implicit argument for its lack of attention to the adjustment-poverty connection in the PRSPs and for insisting that the Bank/Fund economic framework provide the parameters of any poverty-reduction program.

Civil-society actors have not accepted these arguments for several reasons. First, the losses to the poor and working people around the globe -- including those within the SAPRI and CASA countries -- have not been short-term. In fact, because of the certain differentiated impact that they would have on disparate population groups and sectors, it was predictable that many of these policies would have an immediate and long-time negative effect, and the predictions based on this analysis turned out to be correct. Second, after two decades of adjustment, it is clear that there is nothing intrinsic to the policies assessed in this report that would lead one to believe that they will eventually work their magic in the market and reduce poverty and inequality, rather than continue to increase both of these negative phenomena. Third, the evidence, including that found in the SAPRI/CASA countries, does not indicate that the macroeconomic benefits claimed to be derived from adjustment policies and programs have been achieved at anywhere close to the levels assumed by their advocates. Thus, the trade-off -- short-term pain for long-term gain -- has little basis in empirical fact.

More to the point, the economic policies that comprise the core of structural adjustment programs have failed to engender the healthy economies promised by their architects. To the contrary, as judged by the experience of the countries profiled in this report, the overall impact of adjustment policies has included: the generation of increased current-account and trade deficits and debt; disappointing levels of economic growth, efficiency and competitiveness; the misallocation of financial and other productive resources; the “disarticulation” of national economies; the destruction of national productive capacity; and extensive environmental damage. Poverty and inequality are now far more intense and pervasive than they were 20 years ago, wealth is more highly concentrated, and opportunities are far fewer for the many who have been left behind by adjustment.

Despite extensive export promotion, export revenues have for the most part been outpaced by the rising cost of imports. The large import content of many exports and the increasing importation of consumer goods facilitated by trade liberalization have contributed to this imbalance. Ecuador, for example, experienced, amidst an economic crisis, an explosion in consumer imports in the 1990s that far outstripped export growth. A high dependence on exports has also made economies vulnerable to deteriorating terms of trade, as Uganda discovered during the second half of the past decade. These growing imbalances have created pressures on foreign-exchange reserves, leading to more foreign borrowing and increased debt burdens.

Macroeconomic indicators attest to the validity of the SAPRI/CASA participatory studies. As the ratio of foreign trade to GDP in the SAPRI/CASA countries grew on average by two thirds over the past two decades as a consequence of trade liberalization and a growing surplus of imports, negative trade balances also sharply increased. By the end of the century, they had settled at about 5-6 percent of GDP, more than double the level of the 1960s. As a result, the total external debt of the original ten SAPRI/CASA countries doubled between 1984 and 1999.

Nor has foreign investment proven to be the panacea in this area. In the mining sector, for example, policy and financial support from the IFIs has increased investments by foreign companies and foreign-exchange earnings, but the net impact has been small. Most of Ghana's large-scale gold-mining industry, which is now foreign-owned, receives generous incentives, tax breaks and offshore accounts for export earnings that have minimized returns to the government. With foreign firms often the beneficiaries of privatizations of state holdings in this and other sectors, dual economies have emerged or become more pronounced and the development of local industries threatened. The increased ease of profit repatriation, capital withdrawal and, in many sectors, plant relocation has had a strong destabilizing effect. At the same time, key economic and social decisions have been removed from national hands.

The privatization of public utilities has also failed to achieve the goals set for it. At the microeconomic level, there is no evidence that privatization itself leads to greater efficiency and productivity. Where there have been higher profit margins, they have usually resulted from price hikes that have made services inaccessible to the poor. At the macro level there has been no sign of any general acceleration of growth in the SAPRI/CASA countries following the period of privatization. The change in ownership has only reallocated income at the national level. Often a public monopoly has been replaced by a private one. In El Salvador, for example, when electricity services were privatized, the market was not opened to free competition, and full choice was not available.

Overall, economic restructuring, after two decades of adjustment, has not led to greater modernization and competitiveness. The growth of GDP has been irregular and insufficient -- since the mid-1980s, growth performance in the SAPRI/CASA countries has fallen far short of 1960s'

levels -- and has been concentrated in exports and in other favored sectors, businesses and regions to the detriment of large, important and increasingly impoverished economic sectors. Production for the domestic market, especially in agriculture, has often suffered, as has food security.

New patterns of agricultural production, particularly for export, have, in an environment of liberalization and deregulation, polluted land and water with chemicals from intensive fertilizer use, depleted water tables through the irrational use of irrigation, caused soil erosion and exhausted vital natural resources. Reforms favoring large-scale monoculture have led to the loss of bio-diversity. Small farmers and the poor have been pushed in the process onto marginal lands, which they have had to overexploit in order to survive; they and the local environment have also suffered from the elimination of most government advisory services. Intensive shrimp farming in places like the Philippines has degraded and polluted coastal ecosystems and adjacent land and water resources. The commercialization of fish production in Uganda and the advent of an export trade has, as a result of liberalization and unregulated competition, caused an overexploitation of lakes and depleted fish stock, thereby endangering the future of the sector. And, as the Ghana and Philippines experiences have demonstrated, the chemicals, machinery and methods employed in liberalized open-pit mining have far-reaching and destructive consequences for human health, farmland, vegetation generally, bio-diversity and water bodies.

Perhaps the reforms that have had the most damaging and far-reaching impact have been those made in the financial sector. The liberalization of interest rates, credit allocation, capital flows, and the entry into, and regulation of, the sector, among other measures, has enabled the consolidation of financial assets in a few private hands, a surge in financial speculation at the expense of productive investment, the loss of financing for development, capital flight and banking and financial crises. Since the early 1990s, as a consequence of stabilization and adjustment policies, the real interest rate, on average, in the SAPRI/CASA countries has hovered around ten percent, which, being considerably higher than the rate of real economic growth, has helped to attract potential production capital to local money markets. The creation of oligopolistic structures and non-competitive practices in the private sector in the absence of effective public oversight and supervision has led to inefficiencies, corruption, destabilization and social exclusion.

The Ecuador and El Salvador experiences are instructive. In the latter, the privatization of the banks was manipulated by the country's elite to gain control of the majority of financial assets, while taxpayers were left to foot the bill for all outstanding bad debts. From the beginning of the liberalization process in Ecuador, scarce capital was diverted from agriculture and industry to higher rates of return provided by rising interest rates. Inefficiencies in the form of the increasing spread between these rates and those charged borrowers have constituted a massive transfer of funds from productive enterprises to the financial system. Irresponsible bank lending and the volatility of foreign and domestic capital under capital-account liberalization have contributed to disastrous banking crises that prompted a massive bailout of the private system with public funds, exacerbating the country's already dire debt situation.

VI. Shaping a Different Future

For the dozens of countries that have traveled down the adjustment road, the problem is not that the reform process has failed to generate economic benefits. It is that these benefits have tended to be concentrated in a relatively few hands, both domestic and foreign, while millions of other people have increasingly been deprived of the resources and opportunities they require to move out of poverty. To understand the dynamics that make such results a virtual certainty, one has to figuratively or literally change one's location in life. A major policy shift taken by a country of the South to meet a World Bank or IMF loan condition may look benign and, in fact, universally beneficial to a banker sitting in London, but to a poor Third World farmer who has come to understand how local, national and even global systems, structures and institutions work to reward the more powerful and influential, expectations may be much lower.

This shift in location was at the core of the SAPRI/CASA design and experience. The voices that were sought, and heard, were those of local populations often living and working at the margins of their respective societies. The issues that were selected for investigation were those that they had prioritized. And their analysis was based on an intimate knowledge of their own circumstances and on an understanding of the "political economy" of their respective countries. Unlike the current PRSP processes, SAPRI/CASA encouraged and supported the broad-based mobilization of civil society and peoples' efforts to explain the connection between certain economic policies and their own respective economic and social situations. Their assessments constitute the body of this report. Their hopes for a better future depend in good part on policymakers creating space for their ideas and actions.

Some of their explicit and implicit recommendations are captured briefly at the end of each chapter. SAPRIN has chosen not to extrapolate from them to design a global proposal. The primary responsibility for developing new approaches belongs with those who are close to, and who understand best, their local and national realities. As it shifts gears into a second phase of its work, it is SAPRIN's intent to continue to help build the structures and processes needed to support this work and to give voice to a more democratic -- and more just -- vision of the future.