

## Tables

**Table 1. Projects Approved by the ROC–CAEDF Board**

<b>Project name</b>	<b>Executive Training Program</b>
Goals	Provide Central American senior executives with opportunities to attend advanced college programs, to deepen their professional skills and develop their abilities to handle complex international conditions.
Abstract	An annual scholarship of up to US\$50,000 is available to one beneficiary from each participating country (Belize, Costa Rica, El Salvador, Guatemala, Honduras and Nicaragua) for advanced study. The project has a term of three years.
Results	Seven beneficiaries have received scholarships to date, including two from El Salvador, two from Honduras, one from Belize, one from Nicaragua, and one from the ROC.
<b>Project name</b>	<b>Support for Operating Expenses of the Central American Trade Office</b>
Goals	The primary purpose of the Central American Trade Office, created in 1997, is to promote economic development in Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua and Belize, enhancing investment opportunities in Central America, and strengthening the ROC's commercial and diplomatic ties with the Central American nations.
Abstract	The ICDF Board has appropriated the following funds: NT\$45 million (in two segments) for operating expenses from July 1, 2000 to December 31, 2002; NT\$30 million as the Central American Trade Office Corporation Establishment Fund.
Results	Commercial and diplomatic ties between the ROC and allied nations in Central America have been supported and expanded.
<b>Project name</b>	<b>Central American Vocational Education Seminar</b>
Goals	To promote exchange among Central American vocational education professionals, share Costa Rica's vocational education development experience, and study future vocational education cooperation in Central America.
Abstract	A three-day seminar was held in Costa Rica from January 29–31, 2001. Participants included deputy ministers of education, vocational education department directors and educators from Central American nations, and scholars and specialists from the ROC. Project funding was US\$87,000.
Results	Central American vocational education has been promoted and developed, and participants have mapped directions of future cooperation.
<b>Project name</b>	<b>Scholarships for Central American Students Studying in the ROC</b>
Goals	Scholarships will enable Central American students to study in graduate programs and advanced professional training courses in agricultural science and business.
Abstract	Students may study in the graduate and postgraduate agricultural science programs at National Pingtung University of Science and Technology, the International MBA program at National Chengchi University, or in professional training courses. The program has a term of two years, with funding of US\$1 million. Scholarships are generally limited to US\$20,000 per year.
Results	It is expected that 50 students will receive scholarships through this program. Graduating students will strengthen professional sectors in their home countries, and are expected to work with Taiwanese professionals as well. In 2001, six students from four Central American countries enrolled in the programs.
<b>Project name</b>	<b>OSPESCA Organizational Strengthening Project</b>
Goals	To improve the functioning of OSPESCA (the Central American Organization for the Fisheries and Water Resources Sector), which was established to improve fishing and aquaculture in Central America.
Abstract	Total project funding is expected to be US\$104,600, of which US\$80,000 is to be provided by the ICDF.
Results	To date the first appropriation of US\$40,000 has been completed.

**Table 2. Signed Investment and Lending Programs**

**Central and South America**

Belize	
<b>Project Name</b>	<b>Belize Tourism Development Project</b>
Project Amount	US\$14.2 million
Loan amount	US\$3 million
Date signed	September 18, 2001
Goal	Social and economic development
Content	Tourism is one of Belize's primary industries, and its development will stimulate other economic activities and industries and help Belize increase citizen and government income, making up for expected losses due to termination of preferential conventional crop trade agreements. To boost the capacity of the Belizean tourist industry and increase the number of visitors, the IDB and the Belizean government have planned the restoration and tourist development of the Mayan ruins at Caracol, a major historical site. This project will assist Belize in harmonizing tourism with preservation of the Caracol Mayan ruins and environmental protection. A tourist road, water system and sewage system will be constructed, tourism functions strengthened, and relevant human resources training provided. This will promote business development, employment opportunities, and encourage community participation in tourist industry activities. The total cost of the project exceeds US\$14 million, of which the IDB will provide US\$11 million and the ICDF US\$3 million. In conjunction with funding provided by the Belizean government, the ICDF will offer lending to be used for the repair and upgrade of the site's access road.
Nicaragua	
<b>Project Name</b>	<b>Nicaragua Housing Solidarity Reconstruction Program, Stage 2</b>
Project Amount	US\$6.44 million
Loan amount	US\$4.8 million
Date signed	February 1, 2001
Goal	Emergency humanitarian aid
Content	The ICDF implemented an emergency aid project in conjunction with the Nicaraguan government and the OAS to aid Nicaraguan citizens in areas suffering damage from Hurricane Mitch (1998), and to participate in Nicaragua's post-hurricane recovery program. This project has helped residents rebuild their homes and community infrastructure, providing them with construction skills that will facilitate subsequent employment. To expand the project's beneficial effects, those affected by Nicaragua's civil war and suitable homes may also receive assistance. The first stage of the reconstruction project was completed at the end of 2000, and excellent results prompted the ROC, Nicaragua and the OAS to implement the second stage. The project was implemented in four provinces of central and northern Nicaragua. In stricken areas, residents were organized into community groups and taught construction and utilities skills by building specialists. The project target is to build 1,500 homes within three years.
<b>Project Name</b>	<b>Small Farmholders' Financing Scheme-Nicaragua Export Vegetable Project</b>
Loan Amount	US\$38,800
Date signed	April 26, 2001
Goal	Agriculture upgrade
Content	The ICDF technical mission has helped organize Production Marketing Teams and negotiate purchase contracts with exporters. This project, which has helped farmers belonging to cooperatives switch to the cultivation of Chinese vegetables for export to the US, has been carried out in conjunction with an ICDF small farmholders' financing scheme. Exporters provide the farmers with fixed-asset financing loans, while the ICDF provides small loans for the purchase of expendables, seeds, fertilizer and pesticides. Cooperation is helping farmers increase their profit and improve their quality of life. The two vegetable Production Marketing Teams participating in this project are growing rag gourds, bottle gourds and eggplant. Total funding for the project is US\$150,000, of which the ICDF technical mission provided more than US\$38,000 in loans, exporters provided US\$47,000 in loans, and the farmers raised US\$71,000. The technical mission controlled ICDF small farmer lending, and exporters were hired to administer lending services. To assist small farmers in obtaining lending, they were generally not required to put up collateral.
El Salvador	
<b>Project Name</b>	<b>Environmental Pollution Control Project in Critical Areas of El Salvador</b>
Project Amount	US\$38.44 million
Loan amount	US\$7.68 million
Date signed	November 14, 2001
Goal	Social development
Content	This project has facilitated nationwide air pollution, water pollution, waste disposal and sustainable resource strategies. The ICDF and the IDB co-financed the project, which helped El Salvador establish relevant legal statutes, improve the functioning of environmental protection organizations, and promote natural resource conservation. The project's goals have been to maintain public health and achieve sustainable use of resources. The project, in conjunction with private sector input, assisted Salvadoran government agencies, including the Ministry of the Environment and Natural Resources and the Regional Development Bureau, to reduce pollution through legal development, education and public awareness programs, and investment incentives. The three principal portions of the project included: <ol style="list-style-type: none"> <li>1. The establishment of a nationwide pollution prevention strategy framework that includes air pollution prevention, water pollution prevention, and waste disposal regulations.</li> <li>2. Assistance for waste disposal work performed by local governments.</li> </ol>

	3. The unification and integration of domestic environmental protection organizations. Total project cost is US\$38.44 million, of which the IDB provided US\$29.8 million, the ICDF provided US\$7.68 million, and the El Salvador government provided US\$960,000. ICDF lending is to be used to implement the above project items and assist the Salvadoran government in paying interest expenses during the project. Project implementation will enable the Salvadoran government to effectively harmonize environmental protection and economic development, enabling economic growth and sustainable resource use.
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**Caribbean Region**

Dominican Republic	
<b>Project Name</b>	<b>Government Capacity Building in the Dominican Republic</b>
Project Amount	US\$28 million
Loan amount	US\$4.6 million
Date signed	June 19, 2001
Goal	Social development
Content	Co-financed by the ICDF and the IDB, this project is strengthening democratic mechanisms in the Dominican Republic. In addition to strengthening the organization and functioning of the congress and chief auditor's office, upgrading congressional legislative functions, enhancing oversight efficiency, and increasing representative functions, the project emphasizes the independence of the auditor's office and the improvement of technical infrastructure. Of the total US\$28 million project funding, the IDB provided US\$22.3 million in loans, the ICDF provided US\$4.6 million in loans, and the Dominican government provided US\$1.4 million. The project consists of two subprojects: The legislative functions subproject includes the establishment of lawmaking systems, and the establishment and use of an agenda preparation system and other systems. The audit subproject will provide bill design and implementation consulting and training, budget and fiscal planning management assistance, training to specialized personnel, budget control system technology, and relevant information systems. To provide a sturdy foundation for modernization, the bulk of the project focuses on modernizing and expanding systems and equipment. The project's implementing agency was the technical department of the Dominican Congress's United Committee on Organizational Development and Modernization.
Grenada, Saint Vincent and the Grenadines, Dominica, Saint Christopher and Nevis	
<b>Project Name</b>	<b>The Micro-credit Project in the Eastern Caribbean Region</b>
Loan Amount	US\$200,000 to each of the four nations
Date Signed	Saint Christopher and Nevis-November 14, 2001; Dominica-November 21, 2001; Grenada, Saint Vincent and the Grenadines are to sign in 2002.
Goal	Regional economic development
Content	This program is providing financing to small and micro-enterprises in the eastern Caribbean region. These enterprises account for a large share of all economic activity in these four Eastern Caribbean nations, and provide roughly 70 percent of all employment opportunities. The intent of the program is to ease the difficulty small and micro-enterprises in the Eastern Caribbean have, due to lack of collateral, in obtaining lending from conventional financial institutions. This will help small and micro-enterprises develop, strengthen micro-credit mechanisms, and indirectly increase employment and reduce poverty. In this project the ICDF is cooperating with NGOs that possess micro-lending experience. In the first stage of the program each has been provided with US\$200,000 for loans. In addition to managing loans, the NGOs will provide long-term technical assistance and education and training services to participating small and micro-enterprises. In addition to expanding lending services available to small and micro-enterprises, this program will strengthen NGO lending mechanisms.

**Global**

All Nations Allied with the ROC	
<b>Project Name</b>	<b>Credit Guarantee Program for Private Enterprises Investing in Allied Nations</b>
Project Amount	US\$20 million
Date signed	December 24, 2001
Goal	Trade cooperation
Content	To encourage private businesses in the ROC to invest in allied nations, the ICDF implements the <i>Regulations for the International Cooperation and Development Fund in Providing Guarantees for Credit Facilities Extended to Private Enterprises who Invest in Countries with Formal Diplomatic Relations</i> . This program will resolve difficulties Taiwanese investors have in obtaining financing from financial institutions by providing credit guarantees for long-term investment projects in nations allied with the ROC. The ICDF will initially allocate US\$20 million to a credit guarantee fund, which will provide credit guarantees worth US\$100 million at an underwriting multiple of five. In the plan, loans of up to US\$1 million will be guaranteed to a maximum of 80 percent, with the investing enterprise responsible for not less than 20 percent of the total investment. Guarantees of loans of more than US\$1 million must be approved by the ICDF Board of Directors. Loans of up to US\$3 million may be guaranteed if the investing enterprise provides security for at least 60 percent of the guarantee. Further requirements and conditions include: not more than 60 percent of the principal may be eligible for the guarantee on any part of the principal in excess of US\$1 million; the duration of the guarantee shall be identical to the loan term; necessary fees in conducting the guarantee operations may be charged by the ICDF.

**Table 3. Investment Programs**

Central and South America

Guatemala, El Salvador, Nicaragua	
<b>Project Name</b>	<b>Investment and Trade Development Project</b>
Goal	<ul style="list-style-type: none"> <li>Trade and investment cooperation</li> </ul>
Content	<ul style="list-style-type: none"> <li>Establish Taiwanese trade and investment mechanisms and uncover potential trade opportunities with allied nations in Central America.</li> <li>Promote investment, technology transfer and sustainable development.</li> <li>Encourage exports to Taiwan and other regions, and introduce Taiwanese firms to Central American investment opportunities.</li> <li>Primary focus on Guatemala and El Salvador. Efforts have also been made to strengthen existing private investments in Nicaragua.</li> </ul>
Guatemala, El Salvador, Nicaragua	
<b>Project Name</b>	<b>Investment and Trade Development Project</b>
Goal	<ul style="list-style-type: none"> <li>Trade and investment cooperation</li> </ul>
Content	<ul style="list-style-type: none"> <li>Collect and analyze information on the Eastern Caribbean trade and investment environment, and report appropriate investment opportunities to domestic firms.</li> <li>Encourage investment and trade in the region by promoting investment inspection tours and Taiwanese participation in international trade shows.</li> <li>Introduce potential trade partners, provide commercial information and consulting services, and promote trade shows, reciprocal visits and cooperative relationships between industry and business groups in Taiwan and Central America.</li> <li>Integrate funds, technology and management in helping the ICDF technical mission implement small farmer lending and agricultural product processing projects.</li> <li>Strengthen the functions of the ICDF Alumni Society, hold regular activities, step up liaison with foreign members visiting Taiwan, and extend the effects and benefits of training.</li> </ul>

Europe

Macedonia	
<b>Project name</b>	<b>Investment Promotion Project</b>
Goal	<ul style="list-style-type: none"> <li>Trade and investment cooperation</li> </ul>
Content	<ul style="list-style-type: none"> <li>Study the Macedonian investment environment, uncover industries with growth potential, develop and assess projects with investment potential, and assist Taiwanese firms and organizations investing in Macedonia.</li> </ul>
<b>Project name</b>	<b>SME Development Project</b>
Goal	<ul style="list-style-type: none"> <li>Trade and investment cooperation</li> </ul>
Content	<ul style="list-style-type: none"> <li>Assist Macedonia in drafting laws and measures promoting SME development; establish mechanisms fostering SME development; strengthen Macedonian SME competitiveness and management capabilities.</li> <li>Assist industries in Taiwan in establishing plants in Macedonia and exporting products to the EU.</li> </ul>
<b>Project name</b>	<b>Export Expansion Project</b>
Goal	<ul style="list-style-type: none"> <li>Economic development</li> </ul>
Content	<ul style="list-style-type: none"> <li>Help Taiwanese firms establish plants in Macedonia and export products to EU nations.</li> <li>Aid Macedonia in strengthening export promotion capabilities, expanding exports, and improving the competitiveness of export products and marketing.</li> </ul>

**Table 4. Technical Assistance Projects**

Africa	
Liberia and Chad	
Project Name	Liberia and Chad Biomass Application Research and Demonstration Extension Project (second year)
Participating Organizations	Taichung Agricultural Improvement Station; Liberia and Chad Technical Missions
Goals	<ul style="list-style-type: none"> <li>Assist technical missions in Liberia and Chad in providing training on the use of green manures and biomass.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Surveys of current biomass use.</li> <li>Surveys of soil fertility on target farms.</li> <li>Planning and design of biomass utilization.</li> <li>Technical seminars on soil management and biomass application.</li> <li>Establishment and demonstration of biomass application models.</li> </ul>
Senegal	
Project Name	Senegal SME Assistance Project
Participating Organization	Ministry of Industry and Commerce
Goals	<ul style="list-style-type: none"> <li>Improve Senegal's economic development by providing assistance to SMEs and the food processing industry.</li> </ul>
Content	<ul style="list-style-type: none"> <li>The ICDF has recommended SME development policies and researched and drafted a development plan for the Senegalese food processing industry.</li> <li>The ICDF has compiled reports, held seminars, researched the Senegalese investment environment, and released a final assessment.</li> </ul>
Asia	
Palau	
Project Name	Palau Tourism Feasibility Study
Participating Organizations	Palau Department of National Resources; Taiwan Outdoor Recreation Association
Goals	<ul style="list-style-type: none"> <li>Complete a feasibility study of tourism development in Palau.</li> <li>Improve the quality of Palauan tourist services and promote the development of related industries.</li> <li>Provide relevant information to Taiwanese firms interested in investing in Palau.</li> </ul>
Content	<ul style="list-style-type: none"> <li>The ICDF has researched tourist market needs and resources, government institutions, relevant laws and regulations, and investment management in Palau, and used the results of this research to formulate technical assistance projects and implementation plans.</li> </ul>
Tuvalu	
Project Name	Tuvalu Primary School Teaching Equipment Improvement Project
Participating Organization	Tuvalu Department of Education
Goals	<ul style="list-style-type: none"> <li>Improve Tuvaluan educational standards by helping primary schools upgrade teaching equipment.</li> </ul>
Content	<ul style="list-style-type: none"> <li>The ICDF has assessed instructional environments and equipment needs in Tuvaluan primary schools, and helped schools upgrade teaching equipment.</li> </ul>
Central and South America	
Paraguay	
Project Name	Paraguay Synergy System Development Project (third year)
Participating Organization	Paraguay Corporate Cooperation and Industrial Development Center (CEDIAL)
Goals	<ul style="list-style-type: none"> <li>Create integrated networks (synergy systems) of Paraguayan SMEs and larger corporations, in order to elevate competitiveness and improve production and marketing capabilities.</li> </ul>
Content	<ul style="list-style-type: none"> <li>The ICDF, working with the IDB, agreed to provide industrial synergy system consultants during project implementation.</li> <li>During 2001 the ICDF helped CEDIAL plan an assistance project, select a representative industry, and employ vertical and horizontal integration to create a pilot industrial synergy system.</li> </ul>
El Salvador, Guatemala, Costa Rica	
Project Name	Central America Vocational Education Project
Participating Organizations	Central American vocational training bureaus
Goals	<ul style="list-style-type: none"> <li>Improve the quality and training of human resources in allied nations in Central America, and upgrade personnel qualifications in specific industries. Vocational education development will be supported in either El Salvador, Guatemala or Costa Rica. Focusing support on one nation will maximize the likelihood of a successful project.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Dispatch specialists to one of the three nations to perform in-country assessments and assist with project implementation, based on the experience of previous and existing projects.</li> </ul>

Seven Central American Nations	
Project Name	SME Technical Assistance Projects in Seven Nations of Central America
Participating Organizations	Central American ministries of industry and commerce; MOEA; vocational training bureaus
Goals	<ul style="list-style-type: none"> <li>• Improve competitiveness, promote production and exports, and establish and strengthen organizational systems.</li> <li>• Help the seven Central American nations develop industrial synergy systems and create policy environments encouraging SME development.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Six seminars on industrial development and SME growth were held in each of the first two years of the project.</li> <li>• Specialists provided consulting services on policy principles and related needs.</li> <li>• Necessary equipment was donated.</li> <li>• Specialists provided consulting services on management issues and technological upgrade of SMEs and corporate service centers.</li> </ul>

Central America, the Caribbean region, Africa, Asia	
Costa Rica, Panama, Nicaragua, Grenada, Saint Christopher and Nevis, São Tomé and Príncipe, Myanmar	
Project Name	ICDF Volunteers
Goals	<ul style="list-style-type: none"> <li>• Encourage young Taiwanese people to participate in international affairs and assist nations in economic and social development.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Survey and assessment of needs for volunteers in recipient nations.</li> <li>• Recruiting, testing, selection and training of volunteers.</li> <li>• Assignment and dispatch of volunteers to applicant nations.</li> <li>• Oversight and management of services by new and established volunteers.</li> </ul>

Table 5. Cooperation with International Organizations and NGOs

Asian Development Bank (ADB)	
Project Name	ADB Education and Training Project
Region	Asia
Project Focus	Personnel training
Goals and Benefits	To enable ICDF personnel to gain project management skills and experience from the ADB, and to encourage further bilateral cooperation.
Implementation	Each year the ICDF recommends one staff member for a six-month internship in the ADB's project department, conducted in accordance with the department and duties arranged by the ADB.
Status	In progress.

Asian Vegetable Research and Development Center (AVRDC)	
Project Name	AVRDC Training Project
Region	Asia
Date Started	1990
Project Focus	Agriculture training and international exchange
Goals and Benefits	To help developing nations train agricultural specialists and improve their agricultural technology.
Implementation	Each year government agricultural officials and specialists from friendly and allied nations are invited to attend AVRDC classes to learn ROC agricultural development experience and techniques. Each class has a capacity of twenty persons.
Status	Due to funding restrictions, the program was temporarily suspended in 2001. All services are being assessed and revised. Future cooperation will take the form of training classes on special subjects.

Central American Bank for Economic Integration (CABEI)	
Project Name	Technical Cooperation Extension Project
Region	Central America
Date Started	2001
Project Focus	Technical cooperation
Goals and Benefits	This project is strengthening technical cooperation, complementing current financial cooperation. Technical cooperation planning and development information is being shared, technical cooperation established, and necessary project strategies adopted.
Implementation	The two organizations are sharing information and expanding their collaboration into new areas of technical cooperation. Taiwanese SME development experience has been shared with Central American nations.
Status	Letter of intent signed this year (2001).

Project Name	Rice and Vegetable Professional Training Class
Region	Central America
Date Started	2001
Project Focus	Technical cooperation
Project Funding	US\$9,000
Goals and Benefits	This project is the first time the ICDF and CABEI have conducted a collaborative agricultural technical cooperation project, and sets the stage for future cooperation with other NGOs.
Implementation	CABEI will provide full funding for the class, which will be implemented by the ICDF technical mission.
Status	Agreement signed and in implementation.

European Bank for Reconstruction and Development (EBRD)	
Project Name	Georgia Small Business Bank Loan Project
Region	Western Asia
Date Started	2001
Project Focus	Private sector development
Project Funding	US\$3 million
Goals and Benefits	Support of the Georgian Small Business Bank is providing financial services to small and micro-businesses in Georgia. Lending methods and experience are being diffused throughout the Georgian banking sector, and stable growth is being nurtured with the establishment of bank branch offices. The ICDF is expanding participation in private sector development projects in Eurasia.
Implementation	The EBRD is responsible for project management.
Status	In assessment.
Project Name	ICDF-EBRD Special Investment Fund
Region	Eastern Europe; Western Asia
Date Started	1998

Project Focus	Private sector development
Project Funding	US\$12.5 million
Goals and Benefits	The ICDF has appropriated US\$12.5 million for the EBRD Financial Intermediary Investment Special Fund. Funds will be used for lending to and equity investment in SMEs, private enterprises and quasi-private public enterprises in Latvia, Lithuania, the Czech Republic, Hungary and nations receiving investment from the EBRD Regional Direct Investment Facility.
Implementation	The EBRD is responsible for fund management.
Status	In implementation.

**Inter-American Development Bank (IDB)**

<b>Project Name</b>	<b>Paraguay Synergy System Development Project</b>
Region	Central America
Date Started	1999
Project Focus	Technical cooperation
Project Funding	US\$1.72 million
Goals and Benefits	This four-year synergy project is improving Paraguay's industrial structure, upgrading SME production and marketing technology, improving product quality and market competitiveness, and expanding the scale of SME operations.
Implementation	In cooperation with the IDB, the ICDF is sending corporate synergy development specialists to provide consulting services. The ICDF is also providing business synergy training classes in the ROC to two Paraguayan personnel annually.
Status	In implementation.

**Government Capacity Building in the Dominican Republic**

Region	Central America
Date Started	2001
Project Focus	Social development
Project Funding	US\$4.6 million
Goals and Benefits	This project is strengthening democratic institutions in the Dominican Republic by helping the government establish a chief auditor's office to carry out professional auditing functions, and by improving the Dominican congress's ability to execute its legislative functions, oversight effectiveness and representative duties.
Implementation	The program comprises two subprojects, including the National Congress subproject and the Comptroller General subproject. The National Congress subproject includes assistance with the development and management of information systems supporting congressional duties. The Comptroller General subproject is providing technical assistance to help the chief auditor's office improve planning and management, train professional personnel, adopt budget control technology, and deploy information systems. Cooperatively financed with the IDB, which is responsible for project management.
Status	An agreement was signed and implementation began this year.

**Belize Tourism Development Project**

Region	Central America
Date Started	2001
Project Focus	Social and economic development
Project Funding	US\$3 million
Goals and Benefits	To develop tourism with local community cooperation, create business and employment opportunities, increase foreign exchange earnings and government revenue, protect the environment and preserve historic Mayan cultural sites.
Implementation	Cooperatively financed with the IDB, which is responsible for project management.
Status	An agreement was signed and implementation began this year.

**Environmental Pollution Control Project in Critical Areas of EL Salvador**

Region	Central America
Date Started	2001
Project Focus	Environmental protection
Project Funding	US\$7.68 million
Goals and Benefits	Project aims are the establishment of nationwide air pollution, water pollution, waste disposal and sustainable resource strategy frameworks.
Implementation	Cooperatively financed with the IDB, which is responsible for project management.
Status	An agreement was signed this year.

**Southern Belize Highway Repair Project**

Region	Central America
Date Started	1997
Project Focus	Infrastructure development
Project funding	US\$10 million

Goals and Benefits	Project will spur economic and social development by improving road links between southern and western Belize, mitigating flood damage to roads, reducing transportation costs in southern Belize, and lessening crop losses stemming from poor transportation conditions.
Implementation	The ICDF is financing the repair of Section 4 of the highway, while the IDB is financing the repair of Section 5. The IDB is responsible for project management. Primary items include: <ul style="list-style-type: none"> <li>• Repair of the main route of the Southern Belize Highway.</li> <li>• Repair of branch roads.</li> <li>• Highway maintenance.</li> <li>• Research on impact of highway repair on the environment and society.</li> <li>• An environmental and social technical assistance project.</li> </ul>
Status	In implementation.

**Netherlands Organization for International Cooperation in Higher Education (NUFFIC)**

<b>Project Name</b>	<b>NUFFIC Cooperation Project</b>
Region	The Netherlands; ROC
Date Started	2000
Project Focus	International interchange
Goals and Benefits	This program is establishing mutual cooperation, bilateral communication and Benefits educational activities. Domestic specialists and educators from the Netherlands and the ROC are encouraged to participate in cooperative projects.
Implementation	NUFFIC and the ICDF have signed a memorandum of cooperation to strengthen exchange activities. NUFFIC has sponsored a cooperative relationship between the ICDF and Wageningen University and Research Center in the Netherlands, and academics from the university have been invited to the ROC to teach seminars on Netherlands development experience.
Status	In implementation.

**World Links**

<b>Project Name</b>	<b>Cooperative Projects with World Links</b>
Region	Central and South America; Africa
Date Started	2000
Project Focus	International education
Project Funding	US\$1 million
Goals and Benefits	The ICDF is cooperating with World Links (formerly World Links for Development) in funding and support for use of the Internet in secondary education in allied nations. More than 32,000 students are benefiting from this project. Students have learned computer skills and expanded their knowledge concerning other nations.
Implementation	The ICDF has provided financial support for World Links programs in Senegal, Paraguay, Burkina Faso, Costa Rica and El Salvador. Teachers who have received training confirm that technical knowledge and skills learned in this project have improved their instructional ability and student interest and learning results.
Status	In implementation.

**World Vision Mongolia**

<b>Project Name</b>	<b>Mongolian Children's Scholarship Project</b>
Region	Asia
Date Started	2001
Project Focus	Educational cooperation, poverty relief
Project Funding	US\$100,000
Goals and Benefits	Scholarships are helping children pay for miscellaneous school expenses, winter clothing and medical items.
Implementation	Scholarships worth an average of US\$100 are provided to each child, helping 1,000 children. The results of this trial project will provide guidance for implementation during the second year.
Status	In implementation.

**World Trade Organization (WTO)**

<b>Project Name</b>	<b>Cooperative Projects with the WTO</b>
Region	Asia
Date Started	1999
Project Focus	International human resources development
Project Funding	US\$230,000
Goals and Benefits	More than 400 persons in the ROC have attended classes and lectures conducted by the WTO. Trainees have learned trade, agriculture and multilateral negotiation skills, and have increased their understanding of the WTO and relevant issues.
Implementation	WTO officials have taught classes in the ROC on trade promotion, agriculture, and trade negotiations.
Status	In implementation.

Cooperative Projects with Nongovernment Organizations	
<b>Guava Production Association</b>	
Nation	Costa Rica
Project Focus	Small farmer lending
Project Funding	US\$85,405
Project Content	Application for financing to build a guava juice processing plant.
Status	In implementation.
<b>Marketing Board</b>	
Nation	Belize
Project Focus	Small farmer lending
Project Funding	US\$150,000
Project Content	<ul style="list-style-type: none"> <li>• Small lending to farmers participating in ICDF agricultural technology projects.</li> <li>• Enhancement of production and sales channels.</li> <li>• Agricultural development.</li> </ul>
Status	In implementation.
<b>Credit Union League</b>	
Nation	Solomon Islands
Project Focus	Small and micro-enterprise financing
Project Funding	US\$100,000
Project Content	Indirect lending to small and micro-enterprises.
Status	In implementation.
<b>Fishing Village Development Project</b>	
Nation	Panama
Project Focus	Small loans for business and career development
Project Funding	US\$50,000
Project Content	Indirect lending to fishermen in associations in the villages of Enea de Mensabé, Pedasí, Santa Ana, Salao de los Guabos, and Gorgona.
Status	In implementation.
<b>Woman's Finance Association (GAWFA)</b>	
Nation	The Gambia
Project Focus	Technical assistance
Project Funding	US\$110,000 (grants)
Project Content	<ul style="list-style-type: none"> <li>• Strengthening GAWFA savings and loan services.</li> <li>• Establishing a new extension center and strengthening professional skills of personnel.</li> <li>• Helping GAWFA achieve financial self-sufficiency within five years.</li> </ul>
Status	Complete.
<b>Industrial Development Corporation</b>	
Nation	Grenada
Project Focus	Small farmer lending
Project Funding	US\$100,000
Project Content	<ul style="list-style-type: none"> <li>• Small loans to farmers participating in ICDF agricultural technology projects.</li> <li>• Enhancement of production and sales channels.</li> <li>• Agricultural development.</li> </ul>
Status	In implementation.
<b>Institute of Female Entrepreneurs</b>	
Nation	Haiti
Project Focus	Technical assistance
Project Funding	US\$200,000 (grants)
Project Content	<ul style="list-style-type: none"> <li>• Assistance for the establishment of a women's organization to research the female labor market.</li> <li>• Micro-loan assistance for women.</li> <li>• Technical training for women.</li> </ul>
Status	In implementation.
<b>Micro-Credit National S.A.</b>	
Nation	Haiti
Project Focus	Micro-lending
Project Funding	US\$1.9 million
Project Content	Indirect lending to small and micro-enterprises.
Status	In implementation.

<b>Moznosti</b>	
Nation	Macedonia
Project Focus	Private sector loan project
Project Funding	US\$1 million
Project Content	Indirect lending to small and micro-enterprises.
Status	Complete.
<b>Foundation for National Development Ltd.</b>	
Nation	St. Christopher and Nevis
Project Focus	Micro-lending
Project Funding	US\$200,000
Project Content	Indirect lending to small and micro-enterprises.
Status	Contract signed this year.
<b>National Development Foundation Ltd.</b>	
Nation	Dominica
Project Focus	Micro-lending
Project Funding	US\$200,000
Project Content	Indirect lending to small and micro-enterprises.
Status	Assessment completed.
<b>National Development Foundation Ltd.</b>	
Nation	Grenada
Project Focus	Micro-lending
Project Funding	US\$200,000
Project Content	Indirect lending to small and micro-enterprises.
Status	Assessment completed.
<b>National Development Foundation</b>	
Nation	St. Vincent and the Grenadines
Project Focus	Micro-lending
Project Funding	US\$200,000
Project Content	Indirect lending to small and micro-enterprises.
Status	Assessment completed.
<b>Village Saving and Credit Associations Promotion Center</b>	
Nation	The Gambia
Project Focus	Micro-lending
Project Content	Indirect lending to small and micro-enterprises.
Status	Assessment completed.
<b>Caisse Nationale de Credit Agricole</b>	
Nation	Burkina Faso
Project Focus	Rural micro-credit project.
Status	In implementation.

Table 6. 2001 Education and Training Seminars

General Seminars				
No.	Title	Duration	Number of Participants	Number of Nations
1	Taiwan's Industrial Development and Establishment of Industrial Cooperation Systems	02/20-03/06/01	30	27
2	Taiwan Experience and Development	03/07-03/21/01	35	27
3	Trade Promotion (I)	04/18-05/02/01	31	25
4	Grassroots Financial Development	04/24-05/05/01	32	28
5	Assisted Development of SMEs in the ROC	06/17-07/06/01	37	34
6	Agricultural Development Policies and Management	09/25-10/08/01	24	16
7	Trade Promotion (II)	11/20-12/03/01	14	13
Specialized Seminars				
No.	Title	Duration	Number of Participants	Number of Nations
8	Central American Vocational Education	01/19-01/31/01	20	6
9	Fishery Policy and Management in the South Pacific Region	07/10-07/23/01	15	8
10	Food Processing Technology (II)	08/14-08/31/01	12	9
11	Textile Industry Technology and Management	09/11-09/27/01	26	25
12	Central American Vocational Training	11/14-11/17/01	14	6
13	Tourism Industry and Community Development	11/29-12/15/01	41	30
Vocational Education				
No.	Title	Duration	Number of Participants	Number of Nations
14	Vocational Instructor Advanced Training	06/06-08/28/01	61	23
Agriculture and Fisheries Seminars				
No.	Title	Duration	Number of Participants	Number of Nations
15	Food Processing Technology (I)	02/27-03/13/01	19	17
16	Agricultural Product Production, Shipment and Sales	07/09-07/28/01	20	17
17	Aquaculture Technology and Management	07/10-07/29/01	22	14
18	Low-cost Sustainable Agricultural Production	08/06-08/25/01	17	15
19	Agribusiness Management	09/04-09/21/01	22	19
20	Vegetable Crop Production and Management	10/06-11/05/01	21	16
Total			513	69

Table 7. Overseas Volunteer Projects, 1996-2001

First Volunteer Team	
Date	December 1996
Team Members	5
Host Nation	Swaziland
Primary Services	SME consulting and assistance; computer instruction; assistance with farmer group development project.
Second Volunteer Team	
Date	March 1998
Team Members	22
Host Nation	Honduras, Costa Rica, Malawi, Panama, Saint Christopher and Nevis, Saint Vincent and the Grenadines, Dominica, Grenada, Fiji, Swaziland and Senegal.
Primary Services	SME consulting and assistance; computer instruction and services; plant disease prevention; language and physical education instruction; rural development consulting and assistance; administrative services; special projects; lending services; agriculture extension projects.
Third Volunteer Team	
Date	April 1999
Team Members	14
Host Nation	Tuvalu, Costa Rica, Solomon Islands, São Tomé and Príncipe, Senegal.
Primary Services	Instruction in Chinese, English, mathematics, economics, computers, chemistry; computer hardware and software maintenance; administrative services; medical services; agricultural machinery installation, usage and maintenance.
Fourth Volunteer Team	
Date	October 2000
Team Members	14
Host Nation	Nicaragua, Costa Rica, Panama, Grenada, Saint Christopher and Nevis, Myanmar.
Primary Services	Instruction in Chinese, folk dancing; computer software and hardware maintenance; Internet architecture; pest and disease prevention; agricultural production-marketing; office administration; overseas Chinese education.
Fifth Volunteer Team	
Date	October 2001
Team Members	14
Host Nation	Costa Rica, Panama, Nicaragua, São Tomé and Príncipe.
Primary Services	Medical and social work; computer instruction and maintenance; Chinese instruction.

**Table 8: Technical Cooperation Projects**

**Africa**

Burkina Faso	
<b>Project Name</b>	<b>Bagre Right Bank Farmland Reclamation Project</b>
Participating Organization	Burkina Faso Ministry of Agriculture
Goals	<ul style="list-style-type: none"> <li>• Engineering, development and extension of paddy fields.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Development included main and branch ditches, main and smaller water supplies, drainage, a divider box, a culvert emplacement, an inverted siphon, bridges and drop construction.</li> <li>• 850ha of existing fields and 350ha of new fields were extended.</li> </ul>
<b>Project Name</b>	<b>Upland Rice Cultivation Extension Project</b>
Participating Organization	Burkina Faso Ministry of Agriculture
Goals	<ul style="list-style-type: none"> <li>• Development of 1,000ha of upland rice production.</li> <li>• Increased rice yields and farmland extension work.</li> <li>• Technology transfer and sustainable development.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• The Burkina Faso Ministry of Agriculture selected a low-lying upland rice area and organized farmers.</li> <li>• The ICDF assisted with farmland development, and provided project materials such as seeds, fertilizer, pesticides, machinery and tools to farmer's organizations for rotating use.</li> <li>• Farmers were assisted with land development, cultivation technology and field management.</li> </ul>
<b>Project Name</b>	<b>ROC/Burkina Faso Medical Project</b>
Participating Organization	The Friendship Hospital in Ougadougou
Goals	<ul style="list-style-type: none"> <li>• Provision of medical and dental services at the Friendship Hospital.</li> <li>• Provision of outreach medical services in technical mission operating areas.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• The Friendship Hospital was assisted in serving 2,400 dental patients and provided support in internal medicine, gynecology, obstetrics, anesthetics and surgery.</li> <li>• Regular and irregular outreach medical services were provided.</li> </ul>
Chad	
<b>Project Name</b>	<b>Rice Yield Increase Project</b>
Participating Organization	Chad Ministry of Agriculture
Goals	<ul style="list-style-type: none"> <li>• Purify seed and increase yield by concluding extension of two-season paddy rice cultivation on 300ha, and establishing improved seed rice breeding on 7ha.</li> <li>• Develop 300ha in the Bongor Casier-B paddy rice extension area.</li> <li>• Provide training to rice staff and farmers, and train agricultural machinery maintenance and operating personnel.</li> <li>• Improve rural and farm infrastructure, with an increased emphasis on farm equipment maintenance.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Two seasonal rice crops were grown within a 600ha multiple-cropping area in the Bongor Casier-B paddy rice extension area. Assistance included breeding, improvement and propagation of seed rice; technology transfer; provision of farming machinery, tools and production materials; and training for rice cultivation instructors.</li> <li>• Irrigation and drainage ditch restoration were planned; fields were leveled; farm-road bridges were built; a grain-drying floor, machinery maintenance center and pumping station were constructed.</li> <li>• Tools, machinery and spare parts were provided, and machinery maintenance and operating personnel were trained.</li> <li>• Reconstruction of the flood-prevention dike extending toward the Casier-A extension area was continued.</li> </ul>
<b>Project Name</b>	<b>Vegetable Production Marketing Team Project</b>
Participating Organization	Chad Ministry of Agriculture
Goals	<ul style="list-style-type: none"> <li>• Conclusion of development and extension, including construction of roads, irrigation and drainage ditches, and a pumping station.</li> <li>• Farmer and personnel training.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Vegetables were cultivated on 5ha and at least 60 persons were trained in Production Marketing Team functions.</li> </ul>
<b>Project Name</b>	<b>Medical Services Project</b>
Participating Organization	Chad Ministry of Health
Goals	<ul style="list-style-type: none"> <li>• Provide continued outpatient services at the Freedom Hospital in the capital city of N'Djamena; extend the range and elevate the quantity of surgery provided; improve inpatient care.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Services were provided in diagnosis and treatment, operating room assistance, drugs and medical supplies, and varied surgical expertise.</li> <li>• Matters concerning wardrooms and hospitalization were arranged.</li> <li>• Free regular and irregular medical services were provided.</li> </ul>

The Gambia	
<b>Project Name</b>	<b>Paddy Rice Yield Increase and Agricultural Machinery Center Project</b>
Participating Organization	Gambian Agricultural Experiment Station
Goals	<ul style="list-style-type: none"> <li>• Assist the Gambian Agricultural Experiment Station in implementing a paddy rice breeding project.</li> <li>• Train farmers and other personnel.</li> <li>• Extend paddy rice cultivation and perform agricultural machinery maintenance in support of three-year yield increase objectives.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Superior domestic and introduced paddy rice varieties were selected for use in yield trials.</li> <li>• Deep-water irrigation, direct seeding and rainy season perennial root cultivation in tidal irrigation areas were extended.</li> <li>• Paddy rice was extended on 1,000ha on the northern and southern banks of the Gambia River in the Central River Province; irrigation and drainage systems were improved; superior seed rice and fertilizer were provided; land was prepared; farmers were coordinated and organized for harvest; extension personnel and farmers were trained.</li> <li>• Operating and maintenance personnel were trained in the use of new equipment, including tractors, bulldozers, excavators and dump trucks.</li> </ul>
<b>Project Name</b>	<b>Vegetable Yield Increase and Production-Marketing Project</b>
Participating Organization	Gambian Agricultural Experiment Station
Goals	<ul style="list-style-type: none"> <li>• Provide vegetable cultivation assistance; supply agricultural materials; expand growing areas and increase yields to meet demand of consumers in the capital city of Banjul.</li> <li>• Strengthen farmer's organizations; provide farmer training.</li> <li>• Help Production Marketing Teams diversify operations; strengthen oversight of cooperative management.</li> <li>• Increase materials available to rural communities; establish a revolving fund.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Specialized vegetable-growing zones were established at Lamin, Banjulding and Sukuta.</li> <li>• The Banjulding Women's Vegetable Production-Marketing Team Project, which includes 215 women living in Banjulding, was established.</li> </ul>
Liberia	
<b>Project Name</b>	<b>Rice Production Project</b>
Participating Organization	Liberian Ministry of Agriculture
Goals	<ul style="list-style-type: none"> <li>• Increase rice yield through the completion of upland rice extension to 250ha, paddy rice extension to 100ha, and seed rice extension on 50ha.</li> <li>• Encourage rice farmers to employ multiple-cropping techniques and join farmer's organizations.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Rice farmers were selected; production capital including seed rice, fertilizer, pesticides and agricultural machinery services were provided.</li> <li>• Farmers were organized and cultivation training was conducted.</li> </ul>
<b>Project Name</b>	<b>Seed Rice and Vegetable Development Project</b>
Participating Organizations	University of Liberia; Liberian Ministry of Agriculture
Goals	<ul style="list-style-type: none"> <li>• Grow seed rice for cultivation trials and demonstrations.</li> <li>• Select, organize and train farmers to establish vegetable Production Marketing Teams.</li> <li>• Assist the University of Liberia and the Ministry of Agriculture in offering cultivation training.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Seed rice was produced on 15ha.</li> <li>• An 18ha vegetable production area and a 1ha vegetable seed certified stock production area were developed.</li> <li>• Vegetable and rice cultivation training was provided to 150 persons.</li> </ul>
Malawi	
<b>Project Name</b>	<b>Grain Development Extension Project</b>
Participating Organization	Malawi Ministry of Agriculture
Goals	<ul style="list-style-type: none"> <li>• Produce paddy rice propagation stock for supply to certified stock farmers.</li> <li>• Provide assistance to Production Marketing Teams.</li> <li>• Breed superior sweet potato cuttings on 100ha for supply to extension farmers.</li> <li>• Grow 25,000kg of Masika corn seed for supply to extension farmers; extend corn cultivation.</li> </ul>
Content	<p>Paddy rice component</p> <ul style="list-style-type: none"> <li>• Production Marketing Teams were established in the Dumassey farming area and milling operations were improved.</li> <li>• 10,000kg of superior seed rice was propagated for extension purposes.</li> <li>• Cultivation classes were conducted.</li> </ul> <p>Sweet potato component</p> <ul style="list-style-type: none"> <li>• Superior sweet potato cuttings were cultivated on 100ha and guidance in cultivation methods for</li> </ul>



	<p>semi-dry upland locations was provided.</p> <p>Corn component</p> <ul style="list-style-type: none"> <li>• Cultivation guidance and classes for small farmers were conducted.</li> <li>• 2,875 farmers cultivated 1,150ha.</li> <li>• Superior seed, fertilizer, pesticides and agricultural tools and machinery were provided during the first phase of the project.</li> <li>• Farmers were assisted in establishing a revolving fund.</li> </ul>
<b>Project Name</b>	<b>Horticulture Development Extension Project</b>
Participating Organization	Malawi Ministry of Agriculture
Goals	<ul style="list-style-type: none"> <li>• Improve cultivation methods and acquire fruit tree and vegetable varieties as a basis for future extension efforts.</li> <li>• Produce 1,500kg of seed of the primary vegetables grown in Malawi. The government issued this seed to small farmers, who grew vegetables on approximately 1,500ha.</li> <li>• Propagate corn foundation seed for supply to certified stock growers.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Vegetable and fruit tree variety acquisition by the Malawian horticulture center was strengthened, and superior varieties were selected for extension. The horticulture center became a national display venue for horticultural crops, and hosted a variety of demonstration and training sessions.</li> <li>• Superior varieties of important vegetables such as tomatoes, mustard, cucumbers and string beans were bred.</li> <li>• Assistance was provided to two model Production Marketing Teams growing vegetables on 6ha.</li> <li>• Assistance was provided in propagating corn foundation seed for production of certified corn seed to be used by the Malawian Grain Center.</li> </ul>
<b>Project Name</b>	<b>Vocational Training Cooperation Project</b>
Participating Organizations	Malawian vocational schools
Goals	<ul style="list-style-type: none"> <li>• Assist in offering training in word processing, office productivity, presentation, email and Web design software.</li> <li>• Assist in offering training in the repair of automobile engines, chassis, electrical systems and air-conditioning systems.</li> <li>• Teach classes in basic electrical engineering, electrical instruments, indoor wiring, industrial electronics, electrical machinery and industrial wiring.</li> <li>• Plan technical skills examinations and establish vocational skills standards.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Technical training classes, lectures, demonstrations and labs were offered each semester.</li> <li>• Full use was made of donated equipment in classes.</li> <li>• Skills examinations first focused on Malawi's vocational schools, and were gradually extended.</li> </ul>
<b>Project Name</b>	<b>Medical Cooperation Project</b>
Participating Organization	Malawi Ministry of Health
Goals	<ul style="list-style-type: none"> <li>• Complete the annual medical service project; provide clinical nursing services; promote effective, modern medical treatment.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Medical services were provided at the Central Hospital.</li> <li>• The Hospital was assisted in establishing a management system, and in training personnel.</li> <li>• A core staff is being cultivated to take over management of the hospital.</li> </ul>
<b>São Tomé and Príncipe</b>	
<b>Project Name</b>	<b>Cereal Grains Project</b>
Participating Organization	São Tomé and Príncipe Ministry of Economic Affairs
Goals	<ul style="list-style-type: none"> <li>• Promote upland rice production, helping São Tomé and Príncipe achieve grain self-sufficiency, improve farmer's lives and foster agricultural diversification.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Seed of superior upland rice varieties was propagated, and crop varieties suited to local conditions were selected for trial production.</li> <li>• Trial demonstrations disseminating Taiwan's agricultural technology were conducted.</li> <li>• Extension staff members were trained.</li> <li>• Extension farmers were given assistance in cultivation, harvesting, packing and shipment; extension farmers cultivated 20ha.</li> <li>• Data was collected and compiled in an extension handbook and assessment report.</li> </ul>
<b>Project Name</b>	<b>Vegetable Yield Increase Project</b>
Participating Organization	São Tomé and Príncipe Ministry of Economic Affairs
Goals	<ul style="list-style-type: none"> <li>• Improve existing vegetable varieties.</li> <li>• Cultivate and extend new varieties to increase yield and promote agricultural diversification.</li> <li>• Organize farmer Production Marketing Teams and training programs.</li> <li>• Implement technology transfer.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Existing varieties of vegetable crops such as tomatoes, eggplant, cucumbers, string beans, okra,</li> </ul>

	<p>green pepper and watermelon were improved and purified; farming was extended on 15ha.</p> <ul style="list-style-type: none"> <li>• New vegetables such as asparagus and cauliflower were cultivated; seeds were propagated for extension use; crop varieties suited to local conditions were selected.</li> <li>• 20-50 extension farmers attended short-term cultivation and production technology training; vegetable cultivation classes were held and vegetable extension staff trained.</li> <li>• Farmers were given assistance in production, product grading, packaging and shipment.</li> <li>• Data was collected and compiled in an extension handbook and assessment report.</li> </ul>
<b>Project Name</b>	<b>Livestock Development Project</b>
Participating Organization	São Tomé and Príncipe Ministry of Economic Affairs
Goals	<ul style="list-style-type: none"> <li>• Establish a foundation for a livestock industry.</li> <li>• Reduce production costs.</li> <li>• Raise interest in chicken farming.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Breeder livestock and poultry were acquired and a small-scale commercial operation was created.</li> <li>• A small-scale chicken-farming model was developed and chicken-farming technology was demonstrated; egg-laying and meat chicken farming operations were extended and guidance was provided to farmers.</li> <li>• Small-scale feed mixing plants were established, instruction in feed mixing methods was given, and small grinding and mixing machines to blend and produce mixed feed using local raw materials were used in order to reduce production costs.</li> <li>• Producers were assisted in organizing and implementing collective shipment and sales.</li> <li>• Assistance was given in extension staff training.</li> </ul>
<b>Project Name</b>	<b>Medical Services Project</b>
Participating Organization	São Tomé and Príncipe Ministry of Health
Goals	<ul style="list-style-type: none"> <li>• Assist and guide the outpatient center of the Centro Policlínico De Agua Grande in establishing a complete medical operations system; improve the medical working environment and professional compensation; increase the morale of medical personnel; raise the quality of medical services.</li> <li>• Assist the Lobata and Lemba provinces in strengthening drug and medical management capabilities.</li> <li>• Establish regional medical networks.</li> </ul>
Content	<p>Outpatient center component</p> <ul style="list-style-type: none"> <li>• A registration and examination system, and a patient history management system were established.</li> <li>• The establishment, management and utilization of a fee system and corresponding fund were guided.</li> <li>• Local personnel were assisted in managing a medical and drug fund; specialized technical personnel were trained; an AIDS screening department was established; a gynecological and obstetric outpatient surgery room was established.</li> <li>• Short-term acupuncture training was provided.</li> </ul> <p>Peripheral component</p> <ul style="list-style-type: none"> <li>• The establishment of regional medical functions in the Lobata and Lemba provinces was supported.</li> <li>• Resource aid and administrative support was provided to the Neves Hospital, making it the backup hospital for the medical network in the western half of São Tomé and Príncipe.</li> <li>• Dental and medical services in the Central Hospital were supported.</li> </ul> <p>Free medical services component</p> <ul style="list-style-type: none"> <li>• Free medical service visits and follow-up treatment in the Caue, Me, Zoxi and Cantagalo provinces were provided, which aided in the establishment of basic regional medical networks.</li> <li>• Regular classes on acupuncture, oral health and drug management were provided.</li> <li>• Medical stations in outlying areas were repaired and restored.</li> </ul>
<b>Swaziland</b>	
<b>Project Name</b>	<b>Small Farmer Corn and Sweet Potato Project</b>
Participating Organization	Swazi Agricultural Experiment Station
Goals	<ul style="list-style-type: none"> <li>• Extend corn cultivation to 1,000ha per year.</li> <li>• Extend sweet potato cultivation to 80ha per year.</li> <li>• Strengthen cooperation with, and transfer technology to, the Swazi Agricultural Experiment Station.</li> </ul>
Content	<p>Small farmer corn extension component</p> <ul style="list-style-type: none"> <li>• New farmers were selected and materials were provided.</li> <li>• Group training and technical guidance were conducted for farmers.</li> <li>• Swazi extension units were assisted in improving their agricultural machinery and tools, and developing a project implementation strategy.</li> </ul> <p>Sweet potato extension component</p> <ul style="list-style-type: none"> <li>• Swazi extension units were assisted in establishing autonomous provincial seedling nurseries.</li> <li>• A foundation seed propagation nursery was established to provide seedlings to provincial nurseries.</li> <li>• Management and technical guidance were provided to certified seedling nurseries.</li> <li>• Technical guidance was provided to extension farmers.</li> </ul>

<b>Project Name</b>	<b>Royal Family Project</b>
Participating Organizations	The Royal Family Tisuka Organization; Swazi Ministry of Agriculture
Goals	<ul style="list-style-type: none"> <li>Assisting with the training of farm management personnel for the Royal Family Tisuka Organization farm, to help it achieve profitability.</li> <li>Strengthening the professional knowledge and training of managers and workers on the Royal Family Tisuka Organization's Entutwini Ranch, and implementing technology transfer.</li> </ul>
Content	<ul style="list-style-type: none"> <li>The Tisuka farm was assisted in growing fruits and vegetables with high economic value.</li> <li>Field demonstrations and exhibitions were conducted.</li> <li>The Ngwempisi development project was assisted.</li> </ul>
<b>Project Name</b>	<b>Handicrafts Training Project</b>
Participating Organization	Swazi National Handicrafts Training Center
Goals	<ul style="list-style-type: none"> <li>Plan and implement nationwide instruction in handicrafts, sewing and vocational skills.</li> <li>Accelerate the Swazi teacher-training program.</li> <li>Conduct handicrafts, sewing and vocational skills exhibitions, disseminating Swazi culture and art.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Regular term (nine-month) handicrafts training sessions were held.</li> <li>Regional training for in-service handicrafts workers, and training for working students, were conducted.</li> <li>National handicrafts exhibitions and competitions were held.</li> <li>Short-term industrial sewing training classes, teacher-training and clothing design classes were conducted. After graduating from this component, individuals may teach, take a government examination certifying training center instructors, or continue their studies and become designers.</li> <li>Regular term (nine-month) training was conducted in mechanical skills, auto body repair, auto painting, electrical machinery repair and computer word processing.</li> <li>Regular term (2-4 week) training was conducted in mechanical skills, utilities repair and computer word processing.</li> <li>Short-term, in-service training was provided for Swazi civil service personnel.</li> </ul>
<b>Senegal</b>	
<b>Project Name</b>	<b>Rice Extension Project</b>
Participating Organization	Societe d'Amenagement et d'Exploitation du Delta de la Fleuve du Senegal
Goals	<ul style="list-style-type: none"> <li>Extend rice cultivation and yield in Senegal.</li> <li>Implement rice paddy multiple-cropping extension and assistance in Northern Senegal.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Rice seed was propagated on 8ha for supply to new farms in southern Senegal.</li> <li>350ha of farmland were developed in the southern Senegal districts of Ziguinchor, Bignona and Kolda, and cultivation assistance was provided on an additional 400ha.</li> <li>Farmer demonstrations were held in the Northern Senegal districts of St. Louis and Podor; guidance was given in deep-water sowing cultivation on 2,000ha of rice paddies.</li> </ul>
<b>Project Name</b>	<b>Vegetable Extension Project</b>
Participating Organizations	Horticultural Development Center; Senegal Ministry of Agriculture
Goals	<ul style="list-style-type: none"> <li>Provide production and sales assistance to vegetable farmers.</li> <li>Convey sound financial concepts to small farmers.</li> <li>Continue cooperation with the Senegal Horticulture Development Center.</li> </ul>
Content	<ul style="list-style-type: none"> <li>In cooperation with the Senegal Horticulture Development Center, new asparagus varieties were acquired and tested, comparative observations were made, and a cultivation demonstration was conducted.</li> <li>Assistance was provided with the vegetable production and sales project on 200ha near Dakar and Diamniadio.</li> <li>Small farmer loan utilization was managed.</li> <li>Technical guidance was provided for the 2ha vegetable extension project in the Kolda district.</li> <li>The tea cultivation experiment in the Kedougou district was managed.</li> </ul>
<b>Project Name</b>	<b>Aquaculture Project</b>
Participating Organization	IDEE Casamance
Goals	<ul style="list-style-type: none"> <li>Teach mixed aquaculture techniques for trial and extension.</li> <li>Research aquaculture extension.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Aquaculture techniques and mixed aquaculture trials were demonstrated.</li> <li>3,000 strings of oysters were cultivated, and 1.5ha of tilapia farming for extension in southern Senegal was developed.</li> <li>One hectare of freshwater fish was cultivated for extension in northern Senegal.</li> <li>Feasibility of aquaculture extension in bays on the central and southern Senegalese coast was studied.</li> </ul>

Asia

<b>Fiji</b>	
<b>Project Name</b>	<b>Off-season Vegetable Project</b>
Organization	Fiji Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Cultivate high-value vegetables on experimental fields at the Sigatoka test station for demonstration; compare varieties and produce seeds and seedlings; disseminate the results to local farmers.</li> <li>Promote cultivation of watermelon, muskmelon, taro and asparagus; promote cultivation of off-season vegetables such as tomatoes, lettuce, green peppers and chili peppers.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Demonstrations of production techniques including high mounding, good drainage, covering and upright props showed that high-quality vegetables can be grown during the summer.</li> <li>Farmers were selected and provided with guidance and production inputs such as seed, seedlings, fertilizer and pesticides.</li> <li>Betel nut heart taro from Taiwan was used in demonstrations and seedling propagation, and extended to farmers participating in Production Marketing Teams.</li> <li>An extension handbook was compiled and demonstration meetings held to display and promote new techniques and new products.</li> </ul>
<b>Indonesia</b>	
<b>Project Name</b>	<b>General Agricultural Management Project</b>
Participating Organization	Indonesia Ministry of Agriculture
Goals	<ul style="list-style-type: none"> <li>Improve vegetable cultivation techniques, elevate quality and increase production in the Central Java, Yogyakarta and East Java provinces.</li> <li>Assist farmers in establishing Production Marketing Teams and performing production and sales in accordance with market demand.</li> <li>Establish fields for propagation of soybean foundation seed varieties; acquire, grow and select superior soybean strains; conduct demonstration meetings and training classes.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Vegetable cultivation was extended to 250ha; 50 vegetable Production Marketing Teams were established; assistance was given to 800 farmers.</li> <li>65 agribusiness management classes, 50 cultivation technique classes, and 25 demonstration meetings were held.</li> <li>Superior soybean varieties were introduced and seeds propagated for extension.</li> </ul>
<b>Project Name</b>	<b>Livestock Project</b>
Participating Organization	Indonesia Ministry of Agriculture
Goals	<ul style="list-style-type: none"> <li>Elimination of inferior goats, training in high-quality management and breeding of superior animals.</li> <li>Expansion of flocks to a more profitable scale and employment of formal production management and extension techniques.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Goats were screened and inferior animals eliminated; 100 kids were raised.</li> <li>A flock of 130 milking goats was maintained after eliminating inferior animals.</li> <li>Breeder goats exhibiting good growth were used to replenish goat flocks; superior kids were provided to farmers in successive lots.</li> <li>Assistance was given to 80 farmers, and training classes were held.</li> </ul>
<b>Project Name</b>	<b>Aquaculture Project</b>
Participating Organization	Indonesia Ministry of Agriculture
Goals	<ul style="list-style-type: none"> <li>Develop combined fish/shrimp culture for water purification.</li> <li>Improve fish fry production technology and production.</li> <li>Maintain the health of feed organisms.</li> <li>Raise and promote saltwater perch and grouper.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Existing aquaculture demonstration center fish fry production equipment was used to produce one million milkfish, giant sea perch and grouper fry for sale or supply to local farmers through technical cooperation projects.</li> <li>Ova from existing milkfish, giant sea perch and grouper at the Situbondo aquaculture center in the East Java Province were shipped to the technical mission's Probolinggo aquaculture demonstration center.</li> <li>2,500kg of grass shrimp were cultivated.</li> <li>30 fish farmers participated.</li> <li>500,000 milkfish fry and 500,000 saltwater perch fry were produced.</li> </ul>

Marshall Islands	
<b>Project Name</b>	<b>Horticultural Crop Development Project</b>
Participating Organization	Marshall Islands Department of Resource Development
Goals	<ul style="list-style-type: none"> <li>Acquire and test fruit tree and vegetable varieties with the aim of vegetable-growing sustainability in the Marshall Islands.</li> <li>Assist family-level fruit and vegetable production.</li> <li>Increase the islands' fruit supply by widely cultivating papaya seedlings.</li> <li>Conduct agricultural skills seminars; train outstanding farmers on outlying islands.</li> <li>Test compost management techniques.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Fruit trees and vegetables were acquired and tested at the Laura farm; compost management trials were performed for corn, cucumbers and tomatoes as a basis for the extension of compost techniques.</li> <li>Twelve families on the Majura Atolls were helped in establishing home garden fruit and vegetable production; 5,000 papaya seedlings were propagated and given to farmers and residents on the Majura Atolls, and to farmers on outlying islands.</li> <li>Five home gardens were established on Wetje and Jaliut. The families were provided long-term training, enabling them to become seed farmers, promote fruit and vegetable growing among farmers, and play roles as extension staff members of the ICDF technical mission.</li> <li>Training classes were held to improve farming skills and knowledge of horticultural crops.</li> </ul>
<b>Project Name</b>	<b>Livestock Project</b>
Participating Organization	Marshall Islands Department of Resource Development
Goals	<ul style="list-style-type: none"> <li>Breeding superior laying chickens, meat chickens and hogs.</li> <li>Training farmers in livestock techniques.</li> <li>Raising breeder hogs for supply to island farmers.</li> <li>Utilizing local products in hog and chicken feed.</li> <li>Preventing contagious hog and chicken diseases.</li> </ul>
Content	<ul style="list-style-type: none"> <li>A laying-chicken and breeder-hog management system was established at the Laura demonstration farm.</li> <li>Superior varieties of meat and laying chickens were acquired, and superior piglets were bred for supply to farmers.</li> <li>Research was conducted on the use of local coconut residue, fish powder and breadfruit as hog and chicken feed.</li> <li>Training was provided in the prevention of contagious hog and chicken diseases.</li> <li>Chicken and hog raising technology classes were conducted, and core extension staff members were trained.</li> <li>A schedule for extension of feed crop cultivation techniques to offshore islands possessing agricultural development potential was determined.</li> </ul>
Nauru	
<b>Project Name</b>	<b>Milkfish Acquisition, Raising, Management and Demonstration Project</b>
Participating Organization	Department of Island Development and Industry
Goals	<ul style="list-style-type: none"> <li>Install four small, deep-water milkfish culture ponds.</li> <li>Conduct a demonstration of intensive deep-water milkfish farming.</li> <li>Assist residents in constructing deep-water culture ponds and raising milkfish.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Milkfish fry were acquired; milkfish farming was demonstrated.</li> <li>Training classes were held during the demonstration period.</li> <li>Feasibility of small-scale, deep-water, intensive milkfish farming was assessed.</li> </ul>
Palau	
<b>Project Name</b>	<b>Horticulture and Crop Extension Project</b>
Participating Organization	Palau Ministry of Agriculture
Goals	Satisfy market demand; reduce Palau's dependence on imported crops; extend crop production.
Content	<ul style="list-style-type: none"> <li>Superior cassava seedlings were grown on 2ha, taro on 1.2ha, and sweet potato on 0.5ha; cassava cultivation was extended to 14ha, taro to 9ha, and sweet potato to 3ha; certified stock seedlings were propagated on 5ha.</li> <li>Mainstream vegetable varieties with high economic value were acquired; economically feasible production technology was developed; vegetable cultivation was extended to 12ha and breadfruits to 10ha.</li> <li>Papaya, pineapple, banana and guava seedlings were propagated and supplied to farmers; production feasibility was investigated.</li> </ul>

Papua New Guinea	
<b>Project Name</b>	<b>Cereal Grain Production Project</b>
Participating Organization	Papua New Guinea Department of Agriculture and Livestock
Goals	Extension of upland rice cultivation and crop diversification.
Content	<ul style="list-style-type: none"> <li>Farmers developed agricultural land in the Three Mile marshes of Lae. This land is expected to be 30ha in area, and is being used to grow upland rice and paddy rice.</li> <li>An 80ha upland rice cultivation extension zone was developed at Poahon.</li> <li>Peanuts, corn and upland rice were grown in a mixed grains farming area on the Markham Valley plateau.</li> <li>Local farmers embarked on crop diversification efforts; cereal grains were grown on 150ha, upland rice on 40ha and vegetables on 20ha.</li> </ul>
<b>Project Name</b>	<b>Vegetable Production Project</b>
Participating Organization	Department of Agriculture and Livestock
Goals	Extend and diversify vegetable, cereal grain and fruit production.
Content	<ul style="list-style-type: none"> <li>A 26ha melon-growing zone at Tubuserea and a 40ha fruit and vegetable zone at Kerekadi were developed.</li> <li>Farmers at Bereina were encouraged to transform 60ha of swampy land into productive farmland.</li> <li>Cereal grain production was extended to 27ha at Laloki Community and 23ha at Bomana.</li> <li>Regular agricultural classes were conducted in extension areas.</li> <li>Vegetable cultivation was extended to 126ha and cereal grain cultivation to 50ha.</li> </ul>
Solomon Islands	
<b>Project Name</b>	<b>Rice Project</b>
Participating Organization	Solomon Islands Ministry of Agriculture
Goals	Help farmers increase rice production, rotate crops and extend vegetable cultivation.
Content	<ul style="list-style-type: none"> <li>Continued efforts were made to extend rice cultivation to 600ha.</li> <li>Rice-milling machine operation and farming staff classes were held; rice-growing demonstration and review meetings were conducted.</li> <li>Extension personnel were provided training in rice pest and disease control.</li> <li>Efforts were made to establish a production-marketing system.</li> <li>Crops such as corn and sweet potato were rotated and extended on 50ha; vegetable production was extended to 30ha.</li> </ul>
Thailand	
<b>Project Name</b>	<b>Northern Thailand Horticulture and Forestry Development Project</b>
Participating Organization	Thai Royal Foundation
Goals	<ul style="list-style-type: none"> <li>Formulate a multiple-use (horticulture and forestry) development project.</li> <li>Integrate human and natural resources planning and implementation.</li> </ul>
Content	<ul style="list-style-type: none"> <li>The ICDF and the Thai Royal Foundation jointly addressed development issues and proposed projects and funding plans.</li> <li>Ten workstations with development promise were selected in conjunction with the Royal Family; multiple-use development was implemented.</li> <li>Workstation demonstrations were held.</li> </ul>
<b>Project Name</b>	<b>Royal Project</b>
Participating Organization	Thai Royal Foundation
Goals	Provide funding to support Royal Family project implementation.
Content	Annual funding was provided to assist the implementation of Royal Family projects.
Bahrain	
<b>Project Name</b>	<b>Horticulture Project</b>
Participating Organization	Bahrain Ministry of Agriculture and Industry (Plant Resource Office)
Goals	<ul style="list-style-type: none"> <li>Continue to acquire cut flower and fruit tree varieties suited to Bahrain's climate and environmental conditions.</li> <li>Propagate flower and fruit tree seedlings for supply to extension farmers; assist farmers in flower and fruit production for the domestic market.</li> <li>Assist the Royal House in improving floriculture and landscape gardening.</li> </ul>

Content	<ul style="list-style-type: none"> <li>Cut flower varieties were acquired and tested at the Ministry of Agriculture and Industry experimental farm; demonstrations were held and flower and fruit tree seeds and seedlings propagated; a large-scale demonstration of wax apple and Indian jujube cultivation was conducted.</li> <li>Existing vegetable growers were assisted in shifting to flower production; Bahraini farmers were given assistance with large-scale wax apple and Indian jujube cultivation.</li> </ul>
<b>Project Name</b>	<b>Landscaping Project</b>
Participating organizations	Bahraini Parks Bureau; Ministry of Housing, Urban Administration and Environmental Protection
Goals	<ul style="list-style-type: none"> <li>Beautification in Bahrain through development of floriculture products and landscaping.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Guidance was provided to the Adhari Nursery of the Bahraini Bureau of Parks; existing facilities were used to produce landscaping seedlings for use throughout Bahrain.</li> <li>Propagation of large tree seedlings and sod for use in landscaping continued.</li> <li>The Bahraini Bureau of Parks was given assistance in landscape design and maintenance.</li> </ul>
<b>Saudi Arabia</b>	
<b>Project Name</b>	<b>Agricultural and Fisheries Technical Cooperation Project</b>
Participating Organization	Saudi Ministry of Agriculture and Fisheries
Goals	<ul style="list-style-type: none"> <li>Assist the Saudi Ministry of Agriculture and Fisheries in developing agriculture and fisheries, dovetailing with existing ministry projects.</li> </ul>
Content	<p>Fisheries and aquaculture services</p> <ul style="list-style-type: none"> <li>Aquaculture and fish disease control work; review of fish farm establishment applications; survey of fish farm sites; technical guidance for fish farmers; appraisal of imported feed; assessment of the seafood market; training of aquaculture personnel; compilation of an aquaculture handbook and additional fisheries information.</li> </ul> <p>Aquaculture experiments</p> <ul style="list-style-type: none"> <li>Research on marine fish and shrimp culture included study of hatching and raising of Indian prawns, cultivation of breeder grass shrimp, breeding and maturation of grass shrimp, cultivation of tilapia in pure seawater, comparisons of feeding and farming conditions, and additional marine fish research.</li> <li>Freshwater fish aquaculture research included examinations of freshwater tilapia breeding, common carp and catfish farming, and genetic tracking of tilapia.</li> </ul> <p>Veterinary services</p> <ul style="list-style-type: none"> <li>Diagnostic assistance; treatment and control of livestock and poultry diseases; microbial diagnostic techniques; examination and identification of pathogens; drug sensitivity testing; survey, identification and diagnosis of parasitic diseases; dissection of diseased carcasses; sampling of diseased tissue and blood; training of veterinary personnel.</li> </ul> <p>Plant tissue culture</p> <ul style="list-style-type: none"> <li>Assistance was given in the production of date palm seedlings through the use of tissue culture technology; greenhouses were used to acclimate tissue culture seedlings, and field tests of the seedlings were conducted; tissue culture technology was improved and tissue culture technicians trained.</li> </ul>
<b>Project Name</b>	<b>Transportation Technical Cooperation Project</b>
Participating Organization	Saudi Ministry of Transportation
Goals	<ul style="list-style-type: none"> <li>Assist the Saudi Ministry of Transportation in assessing and implementing current transportation policies and plans; study and recommend feasible new plans; train personnel.</li> </ul>
Content	<p>The Saudi Ministry of Transportation was assisted in:</p> <ul style="list-style-type: none"> <li>Bridge design; review of bridge design drawings from consulting companies; survey of maintenance problems affecting existing bridges; construction oversight.</li> <li>Training Saudi engineers in construction supervision.</li> <li>Extending computer applications and providing computer training; designing appropriate programs for various units.</li> </ul>
<b>Project Name</b>	<b>Printing Technical Cooperation Project</b>
Participating organizations	Government printing plant under the Royal Saudi Ministry of Finance
Goals	<ul style="list-style-type: none"> <li>Improve the design of negotiable securities (stamps, passports, residence permits, tax stamps, etc.).</li> <li>Implement professional staff training to improve staff printing production quality and efficiency.</li> <li>Improve plant management, control processes and maintenance skills.</li> <li>Strengthen plant competitiveness.</li> </ul>
Content	<p>Pre-printing and printing technical services</p> <ul style="list-style-type: none"> <li>Assisted the plant in performing design, photographic plate preparation, and printing tasks for negotiable securities.</li> <li>Assisted the plant in providing operator training and maintaining normal operations in connection</li> </ul>

	<p>with the plant's new high-speed rotary gravure currency printing machines.</p> <p>Printing and maintenance technology training</p> <ul style="list-style-type: none"> <li>Implemented short-term training classes in the theory and practice of high-speed rotary gravure currency printing machine operation and troubleshooting.</li> <li>Assisted and guided roller production, rubbing solvent production and wastewater disposal.</li> <li>Training was provided in securities design using computer-assisted drawing (CAD) applications.</li> </ul> <p>Management and control, equipment maintenance, technical services</p> <ul style="list-style-type: none"> <li>Developed and established a materials analysis and management system.</li> <li>Formulated materials inspection specifications, control requirements and purchasing and inventory procedures.</li> <li>Training and guidance was provided in machinery and equipment maintenance, and in the establishment of a comprehensive maintenance organization and parts inventory management database.</li> <li>Production contracts were signed for rollers, ink and other peripheral materials, strengthening cooperation between the plant and suppliers.</li> </ul>
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Central and South America

<b>Belize</b>	
<b>Project Name</b>	<b>Rice Production and Technology Transfer Project</b>
Participating Organizations	Belize Department of Agriculture; Belize Agricultural College
Goals	<ul style="list-style-type: none"> <li>Extend rice production to meet the needs of the Belizean market, establish a three-grade seed rice production system, and provide training to Belizean students and agricultural professionals.</li> </ul>
Content	<ul style="list-style-type: none"> <li>40 students from the Belize Agricultural College participated in a work-study program.</li> <li>Farmers were assisted in developing paddy fields and provided with improved rice production technology; seed rice was produced on 10ha on the Central Farm and in the Poppy Show area.</li> <li>Five extension personnel and 20 farmers were trained in certified seed cultivation techniques.</li> <li>Paddy rice technology and cultivation lectures and demonstrations were held.</li> <li>Cultivation of Taichung Hsien No. 10 rice was extended to 20ha.</li> </ul>
<b>Project Name</b>	<b>Vegetable and Crop Production Improvement and Extension Project</b>
Participating Organizations	Belize Department of Agriculture; Belize Agricultural College
Goals	<ul style="list-style-type: none"> <li>Demonstrate production techniques and provide instruction in new farming technology to students.</li> <li>Promote vegetables for the local market.</li> <li>Promote high-value vegetables for export.</li> <li>Provide collective training for Production Marketing Teams.</li> <li>Demonstrate and provide training in fruit tree production and propagation techniques.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Onion, passion fruit, wax apple, guava and red beans were acquired and screened.</li> <li>Potato cultivation was extended to 40ha, radish to 5ha, cabbage to 5ha, and onion to 2ha, in conjunction with a small farmer lending program; miscellaneous crops, including soybeans, red beans and mung beans, were extended to 100ha.</li> <li>Belizean college and high school students were provided agricultural work-study opportunities.</li> <li>Chili pepper Production Marketing Teams were organized, and chili pepper cultivation was extended to 10ha.</li> <li>Net coverings to protect vegetables and improve production during the rainy season were experimented with.</li> </ul>
<b>Project Name</b>	<b>Food Processing Project</b>
Participating Organizations	Belize Department of Agriculture; Belize Agricultural College
Goals	<ul style="list-style-type: none"> <li>Develop dehydrated and processed food industries.</li> <li>Assist the Belize Agricultural College in improving food processing instructional standards and training.</li> <li>Provide food processing technology consulting and assistance to local manufacturers and related firms.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Feasibility of dehydrated papaya production and marketing was assessed; dehydrated pineapple products, banana chip snack foods and processed chili pepper products were developed.</li> <li>Dehydrated and processed food demonstrations and training classes were conducted.</li> <li>Research and development on processed foods was conducted, and training in the theory and practice of food processing technology was provided.</li> <li>Food processing technology consulting and assistance were added to farmer production-marketing cooperative services.</li> </ul>

Costa Rica	
<b>Project Name</b>	<b>Fruit Tree and Floriculture Project</b>
Participating Organization	Costa Rica Department of Agriculture and Livestock
Goals	<ul style="list-style-type: none"> <li>• Develop food processing facilities and industries.</li> <li>• Encourage fruit and vegetable extension and research.</li> <li>• Establish floriculture facilities and industry.</li> <li>• Research and develop promising fruit, vegetable and flower varieties.</li> <li>• Funding, technical assistance and consulting supported Production Marketing Team business models and sales activities, participation in regional orchid exhibitions, improved greenhouse management, and equipment acquisition.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Assistance was provided to fruit Production Marketing Teams on the Nicoya Peninsula (5ha of guava, Indian jujube, carambola, wax apple, mango and mandarin oranges have been added), and guava Production Marketing Teams in the Turrialba area.</li> <li>• Over \$90,000 was invested in the construction of a guava pulp processing plant in the El Progreso extension area.</li> <li>• Assistance was provided to the banana seedling propagation and strain field test and selection project conducted by the National Banana Corporation and the Taiwan Banana Research Institute.</li> <li>• Superior potted varieties of <i>Oncidium</i> and <i>Cattleya</i> orchids, and wild orchids, were selected for propagation.</li> <li>• An orchid tissue culture propagation and breeding center was established at the University of Costa Rica experimental farm; potted orchid seedlings were propagated at the university's orchid propagation center.</li> <li>• Orchid propagation technical consulting was provided to the Costa Rican Vocational Training Bureau and to producers.</li> <li>• The orchid project conducted jointly with the Department of Agriculture and Animal Husbandry was strengthened; the department's training center was improved; Costa Rican training personnel were selected and trained.</li> <li>• Technical cooperation with the Costa Rican subsidiary of the Taiwan Sugar Corp. explored the feasibility of joint production and export.</li> </ul>
<b>Project Name</b>	<b>Atlantic Fisheries Project</b>
Participating Organization	Costa Rica Department of Agriculture and Livestock
Goals	<ul style="list-style-type: none"> <li>• Assist the Costa Rican Fisheries Administration and other institutions in implementing fisheries research and training.</li> <li>• Assist fishermen in increasing efficiency with the use of modern equipment and methods.</li> <li>• Provide consulting, training and technical services.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• The Fisheries Administration was aided in utilizing the training vessel previously donated by the ROC to analyze fish stocks off the nation's Atlantic coast, collect data on distribution of high-value tuna and sailfish, and evaluate the most appropriate types and tonnage of fishing vessels.</li> <li>• Hydraulic fishing machinery, small diesel internal combustion engines, electronic navigation instruments, high-efficiency fishing gear and high-yield fishing techniques were employed.</li> <li>• Specialized lectures and inspection tours for fishermen's organization staff were conducted; five sessions of fishing training classes were held by the Costa Rican Vocational Training Bureau.</li> <li>• A circulating fund was used to continue development of high-density tilapia farming; technical services were provided to fish farmers raising high-density tilapia.</li> </ul>
<b>Project Name</b>	<b>Bamboo Processing and Cultivation Project</b>
Participating Organization	Costa Rica Department of Agriculture and Livestock
Goals	Extend bamboo cultivation, establish bamboo-growing work sites, and construct bamboo housing for low-income residents.
Content	<ul style="list-style-type: none"> <li>• Bamboo work sites were created in the Diamante bamboo-growing area in Guapiles with the Ministry of Agriculture; in Nueva Arenal with the Costa Rica Port Authority and Development Administration of the Atlantic Watershed (JAPDEVA); and in Arenal with the local Joint Manufacturing Industry Committee.</li> <li>• Bamboo homes were constructed for low-income residents in Diamante; a bamboo display facility and demonstration bamboo houses were constructed.</li> <li>• 50ha of South American Spiny bamboo and <i>dendrocalamus latiflorus</i> bamboo were cultivated; assistance was provided in the cultivation of 68ha of South American Spiny bamboo planted in 1998 by the Bamboo Association; an additional 25ha of South American Spiny bamboo was planted; 118ha of existing bamboo plantations were maintained.</li> <li>• A Taiwanese bamboo flooring firm established a Costa Rican plant.</li> </ul>

Ecuador	
<b>Project Name</b>	<b>Coastal Irrigation Zone Vegetable Project</b>
Participating Organization	Ecuador Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>• Promote vegetable and tropical fruit tree cultivation, provide education and training, and assist in the operation of vegetable Production Marketing Teams.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• 150 Department of Agriculture personnel and vegetable farmers were trained.</li> <li>• Five vegetable technology classes were conducted in cultivation management and technology, fertilizer use, safe pesticide use and growing certified stock seed.</li> <li>• Five vegetable field test demonstration meetings were held.</li> <li>• A stall was obtained at the Guayaquil municipal government's central wholesale market, and used for sales of produce grown by Production Marketing Teams.</li> <li>• Construction of additional irrigation facilities was discussed with the Department of Agriculture and the Water Conservancy Bureau.</li> </ul>
<b>Project Name</b>	<b>Rice Project</b>
Participating Organization	Ecuador Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>• Propagate foundation seed for rice extension and cultivation, and provide farmer training.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• 150kg of foundation rice seed (Keng variety) was provided to farmers to grow certified stock; Keng rice was extended to 20ha.</li> <li>• 600kg of foundation rice seed (Hsien variety) was provided to farmers to grow certified stock; Hsien rice was extended to 180ha.</li> <li>• Four rice cultivation technology classes, with 25 attendees each, were conducted.</li> </ul>
Guatemala	
<b>Project Name</b>	<b>Peten Agriculture Production Project</b>
Participating Organizations	Guatemala Department of Agriculture and Livestock; Orchard Development Bureau
Goals	<ul style="list-style-type: none"> <li>• Strengthen farmer's cooperatives and help them achieve self-sufficiency.</li> <li>• Expand production and export of high-value vegetables.</li> <li>• Assist in improvement and expansion of food processing technology and equipment, and reduce processing costs.</li> <li>• Assist in agricultural research and development.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Chili pepper cultivation managed by farmer's cooperatives was expanded to 100ha; chili pepper cultivation was extended on an additional 5ha using new irrigation equipment; chili pepper processing equipment and technology was improved.</li> <li>• Assistance was provided in reducing seedling costs for farmer's cooperatives establishing chili pepper nurseries, and to farmer's cooperatives developing other fruits and vegetables with export potential.</li> <li>• In conjunction with the Orchard Development Bureau and Peten Section Office of the Department of Agriculture and Livestock, local trials of papaya, carambola, guava and wax apple were performed and feasibility of export to the US assessed.</li> <li>• Existing drying equipment was used as much as possible for processing of chili pepper and other agricultural products; a produce collection center and processing fund was established with cooperative funding from the EU.</li> <li>• Feasibility of tropical fruit production and sales in conjunction with the declaration of Mediterranean fruit fly-free areas was assessed.</li> </ul>
<b>Project Name</b>	<b>Horticultural Development Project</b>
Participating Organization	Guatemala Department of Agriculture and Livestock
Goals	<ul style="list-style-type: none"> <li>• Cooperate with the Institute of Agriculture (IA) in technology transfer, crop development and extension, and production and sales methods.</li> <li>• Organize growers into Production Marketing Teams.</li> <li>• Propagate tropical fruit trees, provide cultivation technology and extend production.</li> <li>• Strengthen national agricultural institutions.</li> <li>• Train agricultural technical personnel and students.</li> <li>• Compile agricultural guidebooks.</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Field management and technology transfer in conjunction with the IA's commercial asparagus production demonstrations at San Jeronimo and Chimaltenango were completed; asparagus cultivation and harvesting methods were established at San Jeronimo; a common nursery and simple produce collection center was established; joint shipment and sales using the IA's post-harvest processing equipment was implemented.</li> <li>• Asparagus growers were organized in the San Antonio Ilotenango area and an asparagus extension handbook was compiled.</li> </ul>

	<ul style="list-style-type: none"> <li>Field management technology transfer was completed in conjunction with the IA's commercial tropical fruit production demonstration at Cuyuta; tropical fruit tree seedling propagation guidance was provided to the IA.</li> <li>Fruit Production Marketing Teams were organized at Chiquimulilla; vegetable Production Marketing Teams were organized at Chimaltenango and Solol; a simple produce collection center was established.</li> <li>The National Central Agricultural School's (NCAS) flower nursery was strengthened; large-scale production of cultivated varieties was planned; additional nurseries and irrigation systems were arranged; in cooperation with the NCAS, technicians and flower growers were trained, and student internship opportunities were provided.</li> <li>A demonstration nursery for supply to extension farmers was established; assistance was provided with production and sales; flowers possessing market potential were collected and bred.</li> <li>Guava and mango processing technology was provided, and a market assessment performed.</li> </ul>
<b>Project Name</b>	<b>Bamboo House Development Project</b>
Participating Organization	Vocational Training Bureau; University of San Carlos
Goals	<ul style="list-style-type: none"> <li>Develop bamboo construction techniques through training and technology transfer.</li> <li>Promote bamboo structures for different purposes.</li> <li>Guide strengthened management of existing bamboo plantations.</li> <li>Assist in bamboo seedling propagation.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Graduates of bamboo construction training classes were aided in building bamboo houses.</li> <li>Bamboo plantation management at Casa Blanca, Finca Panama and Pantaleon was improved.</li> <li>The Institute of Agriculture was helped in managing its South American Spiny bamboo nursery at Cuyuta, and cultivation was extended to 20ha.</li> <li>In cooperation with the Vocational Training Bureau, bamboo construction training classes using local materials were conducted. Bamboo structures and homes were built.</li> <li>A bamboo construction and extension handbook was compiled.</li> </ul>
<b>Honduras</b>	
<b>Project Name</b>	<b>Crop Production Project</b>
Participating Organization	Honduras Department of Agriculture, Bureau of Agricultural and Livestock Technology
Goals	<ul style="list-style-type: none"> <li>Establish a three-grade seed rice propagation system to produce superior seed rice.</li> <li>Offer small loans to farmers and establish Production Marketing Teams.</li> <li>Install new horticultural equipment; produce and supply vegetable and fruit seedlings; produce organic fertilizer.</li> <li>Promote sales in domestic and export markets.</li> <li>Provide training in seedling propagation.</li> </ul>
Content	<ul style="list-style-type: none"> <li>The Agricultural Technology Bureau of the Honduran Department of Agriculture and Livestock planned the rice varieties and quantities needed by farmers. The Central Honduras Seed Rice Propagation Center at Comayagua purified selected varieties and established propagation breeding seed, propagation foundation seed and certified stock seed fields.</li> <li>Loans were given to 10 small farmers cultivating 70ha.</li> <li>An agricultural machinery contract tilling system was established.</li> <li>Taking existing Asian vegetable extension growers as core customers, 200,000 superior plug-tray seedlings were grown for sale to export-oriented farmers.</li> <li>Using existing plants at tropical fruit demonstration nurseries, 2,000 guava seedlings were propagated for extension on 5ha.</li> <li>Production Marketing Teams were organized and sales in domestic and export markets were promoted.</li> <li>Hog farming waste was used to produce organic fertilizer.</li> </ul>
<b>Project Name</b>	<b>Hog Raising Project</b>
Participating Organization	Honduras Department of Agriculture, Bureau of Agricultural and Livestock Technology
Goals	<ul style="list-style-type: none"> <li>Organize Production Marketing Teams.</li> <li>Resolve sales difficulties and problems involving slaughter and shipment of hogs.</li> <li>Produce piglets and breeder hogs.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Extension was completed to 10 farmers at Playita and 10 farmers at San Pedra Sula. All farmers are members of Production Marketing Teams.</li> <li>Trademarks and direct sales channels were established.</li> <li>600 superior breeder hogs and 3,600 piglets were produced.</li> <li>Training sessions, demonstrations and lectures were conducted.</li> </ul>

<b>Project Name</b>	<b>Aquaculture Project</b>
Participating Organization	Honduras Department of Agriculture, Office of Recycling
Goals	<ul style="list-style-type: none"> <li>Provide training to technicians and fish farmers.</li> <li>Extend aquaculture activities and organize Production Marketing Teams.</li> <li>Breed one million red tilapia and 200,000 white tilapia.</li> <li>Employ techniques such as artificial ova extraction, artificial hatching, artificial breeding, and intensive fry management to purify fish products, improve meat quality and increase output.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Twelve training classes open to 100 fish farmers and technical personnel were held on saltwater culture of tilapia, cage aquaculture and artificial breeding of tilapia.</li> <li>Saltwater tilapia culture, including management and disease-control assistance, was promoted; culture of saltwater tilapia was extended to 10ha.</li> <li>In conjunction with a small farmer lending program, cage aquaculture assistance was provided to 28 extension households.</li> <li>20,000 lbs. of saltwater tilapia were produced.</li> </ul>
<b>Nicaragua</b>	
<b>Project Name</b>	<b>Horticultural Crop Production Improvement Project</b>
Participating Organization	Nicaragua Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Improve vegetable and seed varieties and diversification for domestic and export markets.</li> <li>Organize export vegetable Production Marketing Teams.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Upon completion of green pepper and tomato field trials, compiled data was used to apply for name registration with the Department of Agriculture.</li> <li>Green pepper and tomato certified stock were produced; superior onion strains were selected.</li> <li>40 kg of seed (each) was produced for export crops such as tomato, Chinese cabbage, sweet pepper, onion, lettuce and sugar beets.</li> <li>Four Production Marketing Teams that employ joint shipment and sales, and joint purchase of equipment and materials, were organized. Production Marketing Team protocols were established, and 25 percent of surplus was used to establish a common fund.</li> <li>A production contract was signed with the Non-traditional Vegetable Production and Sales Association.</li> <li>Secure production and sales operations were established with buyers, shippers, supermarkets, fruit and vegetable wholesale centers, and urban markets.</li> </ul>
<b>Project Name</b>	<b>Oilseed and Rice Production Improvement Project</b>
Participating Organization	Nicaragua Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Purify rice varieties; breed promising new varieties; extend production; finalize naming tasks.</li> <li>Organize Production Marketing Teams.</li> <li>Purify oilseed crop varieties (soybeans, sesame, peanuts); breed superior new varieties; propagate seed; extend production.</li> <li>Perform studies for use in instruction and training.</li> <li>Train oilseed specialists.</li> </ul>
Content	<ul style="list-style-type: none"> <li>In cooperation with the Nicaraguan Office of Agricultural and Livestock Technology, other government agencies and NGOs, four upland rice Production Marketing Teams cultivating over 47ha were organized. One team in Chinandega Province cultivated over 15ha and three teams in Rivas Province cultivated 32ha.</li> <li>Propagation breeding seed, propagation foundation seed and certified stock seed were produced; local field trials were conducted.</li> </ul>
<b>Project Name</b>	<b>Superior Hog Breeding Extension Project</b>
Participating Organization	Rivas Province International Institute of Agriculture and Livestock
Goals	<ul style="list-style-type: none"> <li>Improve hog farm management and promote small-scale hog farming in northern Nicaragua.</li> <li>Utilize hog raisers' profits to support operation of the Rivas Provincial Hog Breeding Farm.</li> <li>Establish a revolving fund model.</li> <li>Establish Rivas Province as a hog plague-free area, and raise superior hog plague-free breeder hogs for supply to farmers in southern Nicaragua.</li> <li>Expand overseas markets for Nicaraguan pork.</li> <li>Provide superior breeder hogs; improve local hog varieties; improve pork quality.</li> <li>Train hog industry personnel.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Assistance was provided with business management, farming management and disease control at the Cofradia hog-breeding farm; technology transfer to the farm was completed.</li> <li>Construction of the Rivas hog farm, which houses 65 breeder sows, was completed.</li> <li>A work-study program for Nicaraguan hog farming personnel was established in cooperation with the Rivas Province International Institute of Agriculture and Livestock.</li> </ul>

Panama	
<b>Project Name</b>	<b>Fruit and Vegetable Project</b>
Participating Organization	Panama Department of Agriculture and Livestock
Goals	<ul style="list-style-type: none"> <li>Acquire vegetable and fruit strains and select heat-resistant, disease-resistant and humidity-resistant varieties for certified stock production and extension use.</li> <li>Produce and propagate vegetable seeds.</li> <li>Train Department of Agriculture and Livestock agricultural extension personnel and Department of Education farming instructors.</li> <li>Establish Production Marketing Teams serving domestic and export markets.</li> <li>Conduct agricultural exhibitions.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Certified stock seed of watermelons, cucumbers, squash, string beans, cowpeas, kidney beans and tomatoes were produced; simple cultivation models were used to conduct vegetable field trials during the rainy season; superior strains were acquired and grown in field trials; vegetables suited to local conditions were selected for extension use.</li> <li>Assistance was given to farmers in growing 60ha of melons, gourds and vegetables; farmers grew corn and rice seed for use in rotation.</li> <li>Farms were selected as demonstration and instructional sites; in conjunction with the Department of Agriculture's fruit and vegetable assistance project, assistance was given to 2,500 schools, farmers and community groups in remote areas; seed, fertilizer and agricultural machinery support were provided for a cultivated area of 80ha.</li> <li>260 students of the INA agricultural college were given instruction and training.</li> <li>Certified stock mango seedlings were planted on 5ha, papayas on 0.2ha, and guava on 0.1ha; 7,000 graft mango seedlings were used for extension; 5,000 Jammu mango seedlings were propagated for use in grafting; varieties suitable for local cultivation were selected; survey and control trials for mango pests and diseases were conducted.</li> <li>A 0.2ha papaya seed selection plantation, and a nursery for breeding superior cashew varieties, were established.</li> </ul>
<b>Project Name</b>	<b>Aquaculture Project</b>
Participating Organization	Panama Department of Agriculture and Livestock
Goals	<ul style="list-style-type: none"> <li>Breed healthy, disease-resistant shrimp larvae for supply to fish farmers.</li> <li>Assist in aquaculture farm management and production.</li> <li>Train technical personnel.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Diseased shrimp larvae were removed from ponds, and healthy larvae were grown.</li> <li>Disease losses during the peak disease period were reduced through improved technology and management.</li> <li>Meetings were held to discuss successful shrimp production techniques and improve shrimp-farming technology.</li> <li>Solar salt cooperatives were assisted in diversifying their operations with the implementation of tilapia and brine shrimp production during the rainy season or when salt prices are low.</li> <li>Internships and training were provided to university students; technical personnel from Panama or elsewhere in Central America were invited to attend lectures.</li> </ul>
<b>Project Name</b>	<b>Fishing Village Development Project</b>
Participating Organization	Panama Department of Agriculture and Livestock
Goals	<ul style="list-style-type: none"> <li>Upgrade fishing technology, equipment and techniques.</li> <li>Assist in the establishment of fishermen's cooperatives.</li> <li>Establish a fund offering lending to extension fishermen.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Assistance was provided with the establishment of five demonstration fishermen's cooperatives in the Los Santos, Panama, Herrera, Coclé and Chiriquí provinces; continued assistance was provided to five previously-established fishermen's cooperatives. The 10 cooperatives total 250 members.</li> <li>Technical assistance included the provision of new fishing equipment, adoption of new fishing methods, equipment maintenance, development of inshore fishing grounds and upgrade of refrigeration and processing equipment.</li> <li>A small fishermen's fund enabled the purchase of boats and equipment.</li> </ul>
Paraguay	
<b>Project Name</b>	<b>Agricultural and Livestock Production-Sales Center Project</b>
Participating Organization	Paraguay Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Assist farmers organized in cooperative Production Marketing Teams in extending production, developing markets, implementing collective shipment and sales programs, reducing costs and integrating production and sales.</li> </ul>
Content	<ul style="list-style-type: none"> <li>In addition to the original production-sales centers in Isla Ybate, Santa Elena, San Salvador, Santa Clara, and Paso Guambe, centers were established at Minga Guazu (Alto Parana Province) and Pedro Juan Caballero (Amambay Province).</li> </ul>

<b>Project Name</b>	<b>Horticulture Project</b>
Participating Organization	Paraguay Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Organize Production Marketing Teams to participate in flower shows and sales center operations.</li> <li>Help Production Marketing Teams implement joint business management techniques, improve quality, establish brand names and implement collective shipment and sales.</li> </ul>
Content	<ul style="list-style-type: none"> <li>A variety of flower seedlings were produced in cooperation with the Department of Agriculture tissue culture laboratory; seedlings were sold to growers at reasonable prices.</li> <li>Floriculture production materials were supplied; growers recompensed the costs of materials after flowers had been sold, with profits used to establish a revolving fund.</li> <li>A variety of flower and fruit tree seedlings were acquired and propagated.</li> </ul>
<b>Project Name</b>	<b>Hog Raising Project</b>
Participating Organization	Paraguay Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Extend and support hog farming in Paraguay, and rear 1,000 superior meat hogs for farmers.</li> <li>Implement training and extension work.</li> <li>Cooperate with Production Marketing Teams.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Corn and other feed grains were extended to 80ha.</li> <li>Production of meat hogs was implemented in conjunction with Production Marketing Team projects.</li> <li>Small farmers were assisted in producing feed from available raw materials, disseminating hog farming as a business concept to other small farmers.</li> </ul>
El Salvador	
<b>Project Name</b>	<b>Vegetable Production Extension Project</b>
Participating Organization	El Salvador Department of Agriculture, Agricultural Experiment Station
Goals	<ul style="list-style-type: none"> <li>Extend production of high-value vegetable seed.</li> <li>Extend vegetable cultivation and demonstration.</li> <li>Perform vegetable extension work and organize Production Marketing Teams.</li> <li>Promote family vegetable gardens.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Assistance was provided for vegetable extension and seed propagation training at the Central Agricultural Institute certified stock fields.</li> <li>Assistance was provided to families and farmers cultivating vegetables.</li> <li>Field training was conducted for agricultural extension personnel; certified stock production training was provided to farmers.</li> <li>Production Marketing Teams were organized in the Morazán, Usulután, La Libertad and Chalatenango departments.</li> </ul>
<b>Project Name</b>	<b>Fruit Tree Production Improvement Project</b>
Participating Organization	El Salvador Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Conduct fruit tree field trials, evaluation and seedling propagation.</li> <li>Extend fruit production.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Papaya, watermelon, muskmelon and pineapple cultivation technology from the Central Agricultural Institute was improved.</li> <li>Well-adapted tropical fruit varieties were determined, and a 0.1ha seedling propagation area was established.</li> <li>Training was provided in fruit tree cultivation and post-harvest freshness preservation for farmers and Department of Agriculture technicians.</li> <li>Tainung papayas were extended to 15ha; pineapple, watermelon and muskmelon cultivation on 15ha in the Zapotitán zone and Santa Ana department were improved.</li> </ul>
<b>Project Name</b>	<b>Fish Breeding and Aquaculture Extension Project</b>
Participating Organization	El Salvador Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Cultivation of freshwater and saltwater shrimp larvae.</li> <li>Promotion of intensive tilapia culture.</li> <li>Extension of freshwater and saltwater fish and shrimp culture.</li> <li>Aquaculture training.</li> </ul>
Content	<ul style="list-style-type: none"> <li>1.2 million freshwater shrimp larvae and 12 million saltwater shrimp larvae were produced for supply to fish farmers.</li> <li>Freshwater and saltwater fish and shrimp aquaculture was extended to 260ha.</li> <li>Training was provided in freshwater and saltwater fish and shrimp aquaculture and larvae culture.</li> </ul>

The Caribbean Region

Dominican Republic	
<b>Project Name</b>	<b>Rice Seed Improvement and Yield Enhancement Project</b>
Participating Organization	Dominican Republic Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Extend and improve rice seed production.</li> <li>Coordinate offices and research projects at the Rice Research Center, facilitating effective planning, human and natural resources support, and collective provision of technical support.</li> </ul>
Content	<ul style="list-style-type: none"> <li>A rice seed production fund was established.</li> <li>The Variety Improvement, Soil and Fertilizer, and Plant Protection offices at the Rice Research Center were integrated.</li> <li>Foundation seed was propagated at Nagua, La Vega and San Juan; Juma 66 and Juma 67 varieties were introduced; training classes were held.</li> <li>New superior paddy rice strains were purified and selected for naming and extension.</li> <li>Department of Agriculture training for agricultural machinery technicians was strengthened.</li> </ul>
<b>Project Name</b>	<b>Horticultural Crop Cultivation and Bamboo House Project</b>
Participating Organization	Dominican Republic Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Establish combined production-marketing concepts and principles.</li> <li>Provide demonstrations and guidance in fruit and vegetable cultivation and sustainable use of farmland.</li> <li>Promote and improve bamboo craftsmanship.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Varieties of fruits and vegetables were acquired and cultivated.</li> <li>Cooperating farms were assisted in organic production of vegetables and fertilizer; organic production technology was transferred.</li> <li>Demonstrations of bamboo house construction were conducted; teachers were trained; assistance was provided in the establishment of a bamboo nursery and implementation of related water and soil conservation work.</li> <li>Cooperative Production Marketing Teams were organized; market production and sales information was compiled.</li> </ul>
<b>Project Name</b>	<b>Aquaculture Development Project</b>
Participating Organization	Dominican Republic Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Develop aquaculture facilities and technology, and improve fish farmer and aquaculture specialist skills and cooperation.</li> <li>Raise and promote red tilapia, common carp, silver carp and grass carp.</li> <li>Release fish fry in cooperation with the Department of Agriculture.</li> </ul>
Content	<ul style="list-style-type: none"> <li>In conjunction with the Department of Agriculture, a specialized aquaculture production zone at the Nigua Experiment Center was planned and instituted. Existing instruments, equipment and materials at the site were inventoried and put into use, and new equipment was purchased. Existing ponds, utilities, circuits and switches were repaired.</li> <li>A basic laboratory was established, and training in water quality analysis and fish disease detection was provided to Dominican technicians.</li> <li>Farmers were provided with an aquaculture facility; fish farming communities were given assistance in establishing aquaculture cooperatives.</li> <li>Red tilapia and common carp were raised at the Higüey station; existing ponds at the workstation were repaired and fitted with intake and outlet water lines.</li> <li>Fish fry were bred and raised in aerated concrete tanks at the San Francisco workstation; technicians were trained in breeding technology for future extension efforts.</li> </ul>
<b>Project Name</b>	<b>Industrial Technology Cooperation Project</b>
Participating Organization	Dominican Republic Department of Industry and Commerce
Goals	<ul style="list-style-type: none"> <li>Help relevant agencies and organizations implement industrial service team operations.</li> <li>Provide technical assistance, consulting services and human resources training to textile, garment, shoemaking, metal machinery, plastic processing and food processing firms.</li> <li>Supply industrial technology assessment services and market information to Dominican Republic firms and Taiwanese firms investing in the nation.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Company visits and consulting services were organized.</li> <li>Guidance was provided to companies formulating technology improvement plans.</li> <li>Technology conferences and seminars were held.</li> <li>Investment conferences and other promotional activities were conducted by agencies in Taiwan, providing relevant information to Taiwanese firms investing in the Dominican Republic.</li> <li>A database containing information on local trade, investment and the status of local firms was created.</li> </ul>

Dominica	
<b>Project Name</b>	<b>Agricultural and Horticultural Crop Extension Project</b>
Participating Organization	Dominica Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Use demonstration fields to create awareness of new crop varieties and support technology transfer to local farmers.</li> <li>Accelerate propagation of pineapple seedlings and stable papaya seedlings for supply to farmers.</li> <li>Extend corn cultivation to 10ha, papayas to 6ha, pineapples to 3ha, and fruits and vegetables to 2ha.</li> </ul>
Content	<ul style="list-style-type: none"> <li>The National Pineapple Growers' Association was assisted in expanding pineapple cultivation and ensuring that quality meets export market requirements.</li> <li>Sweet corn production was increased, reducing retail prices and stimulating consumption.</li> </ul>
<b>Project Name</b>	<b>Aquaculture Project</b>
Participating Organization	Department of Agriculture
Goals	Active efforts will be made to develop fish farmers, with technology, training and management skills provided. Since Saint Christopher residents have little buying power, export-oriented extension work is being targeted, while project benefits and employment opportunities are being expanded to additional residents by using feed composed of local agricultural byproducts.
Content	<ul style="list-style-type: none"> <li>Transfer a saltwater fish-breeding facility to the Fisheries Bureau of the Department of Agriculture.</li> <li>Assist in the identification of valuable inshore fishes, collection of breeder fish and conduct of cultivation and breeding experiments.</li> <li>Assess market potential.</li> <li>Evaluate saltwater acclimatization of red tilapia.</li> <li>Provide a stable supply of shrimp larvae to extension farmers. It is expected that each 1ha of pond area will produce 5,000 lbs. of adult shrimp annually.</li> </ul>
Grenada	
<b>Project Name</b>	<b>Horticulture Project</b>
Participating Organization	Grenada Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Develop the Grenadian vegetable industry.</li> <li>Organize and assist flower, fruit and vegetable Production Marketing Teams.</li> <li>Extend cultivation of fruits, flamingo flowers and orchids.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Production Marketing Teams determined which vegetables to grow, including cool-weather vegetables such as beans and leafy varieties in rainier, high-elevation areas, and fruits and warm-weather vegetables in dryer, low-elevation areas.</li> <li>Technology was provided to Production Marketing Teams, helping growers respond to market demands.</li> </ul>
<b>Project Name</b>	<b>Agricultural Product Processing Project</b>
Participating Organization	Grenada Department of Agriculture
Goals	Help the agricultural chemistry office of the Grenadian Department of Agriculture develop fruit jelly processing and dehydration processes.
Content	<ul style="list-style-type: none"> <li>Consulting services and assistance were provided in purchasing essential machinery and equipment.</li> <li>Process design and technology transfer to the agricultural chemistry office were completed.</li> <li>Technological improvements were instituted in Grenadian agricultural processing firms.</li> </ul>
Haiti	
<b>Project Name</b>	<b>Rice Yield Enhancement Demonstration, Extension and Training Project</b>
Participating Organization	Haiti Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Promote high-yield, high-quality paddy rice varieties appropriate for local conditions; improve cultivation technology and fertilizer application.</li> <li>Actively propagate certified stock seed rice for demonstration and extension purposes.</li> <li>Acquire and screen paddy rice varieties.</li> </ul>
Content	<ul style="list-style-type: none"> <li>A testing and evaluation center was established at the Mechy experimental farm, to test acquired paddy rice varieties and strains for resistance to rice leaf sheaf rot before they are used for extension purposes.</li> <li>Rice farmers in the Artibonite Valley were provided short-term agricultural training, with emphasis placed on cultivation of the new variety Taichung Hsien No. 10.</li> </ul>



<b>Project Name</b>	<b>Bamboo Cultivation, Processing and Utilization Project</b>
Participating Organization	Haiti Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Breed bamboo varieties and select types suitable for transplantation to coffee plantations. Various bamboo species were established, serving as a basis for subsequent bamboo processing and soil and water conservation efforts.</li> <li>Implement bamboo-processing training.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Bamboo species were collected, including Taishan, Cassia, Putai, Green and <i>Dendrocalamus latiflorus</i>. Each variety was planted on 1ha in a 5ha nursery.</li> <li>Bamboo was cultivated in Haiti's national park and on the periphery of a coffee plantation in the village of Marmelade.</li> <li>Quantities of bamboo seedlings were grown for different purposes in different topographical situations.</li> <li>Apprentices were recruited and provided handicrafts training.</li> </ul>
<b>Saint Vincent and the Grenadines</b>	
<b>Project Name</b>	<b>Horticultural Crop Development Project</b>
Participating Organization	Saint Vincent and the Grenadines Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Working with the Department of Agriculture, cultivate vegetable and tropical fruit seedlings and extend production.</li> <li>Conduct market surveys and research.</li> <li>Provide planning services and technical guidance.</li> <li>Establish vegetable Production Marketing Teams.</li> </ul>
Content	<p>Vegetable extension</p> <ul style="list-style-type: none"> <li>Dumbarton and Pembroke were selected as extension stations and were used to cultivate seedlings.</li> <li>A survey of sprout cultivation and market response served as a reference for project assessment. Alfalfa seeds, mung bean seeds and other varieties were tested.</li> <li>Farmers were provided assistance in organizing four vegetable Production Marketing Teams, which grew cabbage, lettuce, asparagus, cauliflower, tomatoes, watermelon, cucumbers, onions, carrots and sweet peppers.</li> </ul> <p>Tropical fruit tree extension</p> <ul style="list-style-type: none"> <li>Eight extension farmers grew 4ha of passion fruit, 1ha of wax apple, 1ha of Indian jujube and 0.5ha of carambola.</li> </ul> <p>Banana tissue culture and pineapple breeding</p> <ul style="list-style-type: none"> <li>20,000 Robusta banana seedlings, 50,000 Grand Naine banana seedlings and 30,000 Williams banana seedlings were distributed to extension farmers; a 0.1ha parent planting was instituted.</li> <li>Funding from banana companies and the Saint Vincent and the Grenadines Department of Agriculture was used to expand the existing tissue culture laboratory; a major pineapple breeding research and development program was conducted.</li> </ul>
<b>Project Name</b>	<b>Livestock Extension Project</b>
Participating Organization	Saint Vincent and the Grenadines Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Train Department of Agriculture hog-farming assistants to independently manage various components of hog-farming projects.</li> <li>Establish a hog-farming responsibility zone system.</li> <li>Provide artificial insemination assistance to farmers raising approximately 13,000 hogs.</li> <li>Establish breeder chicken farms and incubation farms; acquire 1,500 breeder meat chicken chicks; hatch 25,000 meat chicken chicks.</li> <li>Sign production allocation plan and establish contracts with eight meat chicken raisers.</li> </ul>
Content	<ul style="list-style-type: none"> <li>345 purebred hogs were produced at a farm with 10 boars and 22 sows.</li> <li>Approximately 760 sows were artificially inseminated.</li> <li>Assistance was provided to private hog raisers with 135 boars and 965 sows.</li> </ul>
<b>Saint Christopher and Nevis</b>	
<b>Project Name</b>	<b>Fruit and Vegetable Project</b>
Participating Organization	Saint Christopher and Nevis Department of Agriculture
Goals	<ul style="list-style-type: none"> <li>Increase the number of extension farmers and improve vegetable production and sales management skills.</li> <li>Extend growing area in accordance with market demand and select and promote superior vegetables and fruit trees.</li> <li>Provide job skills and agricultural training to farmers, students and prisoners.</li> </ul>
Content	<ul style="list-style-type: none"> <li>Non-irrigated vegetables were extended to 40ha at the demonstration area at Fahies; vegetables were extended to 12ha at the demonstration area on Nevis; extension farmers additionally grew 20ha of fruit trees.</li> <li>30 prisoners were trained in job skills at the national prison's 3.2ha farm.</li> <li>280 students were trained in agricultural production skills at a 1.2ha school farm.</li> <li>2,000 seedlings were propagated at a net cage and parent tree preservation nursery.</li> <li>A 1.5ha fruit demonstration field at Needsmost and a 1ha fruit demonstration field and seedling nursery on Nevis were cultivated.</li> </ul>

Table 9. Project Supervision and Evaluation

Project content	Term	Supervision and assessment personnel
Central American Vocational Education Seminar	01/29-01/31/01	Luo Ping-chang, Chang Nan-chang, Kung Chi-hui, Wang Hung-tzu, Cheng Shu-fang
Supervision of Subic Bay Industrial Park Development Project, phase II, in the Philippines	02/4-02/14/01	Su Yi-chung
Preliminary assessment of Nicaragua Vocational Education Project	02/5-02/09/01	Cheng Shu-fang, Hsiao Hsi-chi
Micro-credit Project in the Eastern Caribbean Region	02/17-03/14/01	Hsu Hui-wen, Liu Shih-hung
Supervision and inspection of volunteer operations in Costa Rica, Nicaragua and Panama	02/19-03/10/01	Chen Yi-jung, Tsai Li-chiung
Negotiation of cooperative financing project with the EBRD; supervision of Shurgaubiye road lending project in Macedonia	02/25-03/08/01	Li Po, Su Yi-chung
SME assistance in Senegal	04/01-05/1/01	Lai Kao-sheng, Wu Ming-chang
Assessment of technical missions in Papua New Guinea and the Marshall Islands	04/07-04/20/01	Kao Hsiao-ling, Yang Cheng-kuo
Assessment of Burkina Faso technical mission and medical services mission	04/08-04/18/01	Hsieh Shun-ching, Li Chih-jen, Yang Chen-ta, Chen Yuan-kai
Mongolia inspection tour	04/14-04/20/01	Chen Hsueh-liang, Chang Chun-hung
Assessment of technical missions in El Salvador, Belize and Honduras	04/15-05/4/01	Luo Kuo-chang, Chang Hung-szu
Supervision of technical cooperation in four Eastern Caribbean nations, assessment of medical equipment project results	05/5-05/21/01	Pao Hsiao-hsia, Yang You-jen
Assessment of technical missions in Saudi Arabia and Bahrain	05/23-06/6/01	Li Hsieh-pei, Chang Yu-chi, Yang Cheng-kuo
Assessment of Nicaragua small rice farmer lending project, supervision of small farmer lending in Belize, negotiation of tourism development project contract	06/06-06/22/01	Hsieh Hai-yen
Assessment prior to Palau SME micro-credit program	06/12-06/20/01	Su Yi-chung, Kuo Mei-yun
Assessment of Guatemala vocational education project	06/21-06/27/01	Cheng Shu-fang, Yang Chien-chiao
Assessment of technical missions in Fiji and Thailand	06/29-07/9/01	Chang Yu-chi, Chen Shu-ping, Kao Teh-cheng
Negotiation of Humanitarian Aid and Poverty Relief Project in Mongolia and Russia, and ICDF Alumni Society services	06/22-07/3/01	Chien Hung-kuang, Huang Chia-chi
Supervision of technical mission in Ecuador, assessment of Paraguay Synergy System Development Project	07/16-08/6/01	Chen Yi-jung, Huang Hui-min, Yang Chin-chi
Current-stage assessment of Technical Assistance Projects in Seven Central American Nations	07/27-08/29/01	Kao Hsiao-ling, Chiu Yu-hsuan, Li Cheng-liang
Supervision of technical cooperation operations in Haiti and the Dominican Republic	10/21-11/4/01	Luo Kuo-chang, Lin Chun-hsiu
Assessment of fruit tree cultivation, rice paddy construction, and Yage River environmental improvement projects in the Dominican Republic	10/21-11/3/01	Kung Cheng-shan, Liao Che-min, Chang Chih-sheng
Assessment of tourism development feasibility study project in Palau	10/30-11/3/01	Chang Yu-chi, Chen Hui-mei, Huang Chih-cheng, Lai Wen-jen
Supervision of Honduras valley irrigation project, negotiation with CABEL concerning private sector development projects	11/05-11/16/01	Hsieh Hung-shuo
Implementation of Central America Vocational Training Project-Programmable Control and Industrial Electronics class in Costa Rica	11/08-11/20/01	Wang Hung-tzu, Liu Cheng-tzung
Participation in assessment of the EBRD's Georgia Small Business Bank Loan Project	11/10-11/19/01	Su Yi-chung
Assessment of human resources development assistance projects in four Eastern Caribbean nations	11/11-11/25/01	Huang Chia-chi
Supervision of Skopje processing and export zone development project and implementation of Skopje Development Management Company transition in Macedonia, supervision of micro-credit project and water supply project in Haiti, assessment of micro-credit project second installment feasibility in Haiti, supervision of small farmer lending project in Belize	11/14-12/10/01	Cheng Shu-fang
Implementation of the Paraguayan Industrial Synergy System Assistance Project	11/16-12/15/01	Lin Yun-kuang, Yen Ming-hung
Costa Rica MOLDEX program seminar instruction	11/19-11/23/01	Hsu Pi-ming, Hung Pei-yuan
Supervision of volunteer operations in Vietnam, Thailand and Myanmar	11/21-12/02/01	Kao Hsiao-ling, Tsai Li-chiung
Implementation of the Paraguay Industrial Synergy System Assistance Project	11/25-12/12/01	Cheng Ping-kuo, Liu Wen-hai
Assessment of micro-credit project in The Gambia	11/27-12/5/01	Hsu Hui-wen, Hsieh Hai-yen
Supervision of technical cooperation in São Tomé and Príncipe, and Liberia	11/30-12/16/01	Hung Hui-peng, Li Chih-jen
Supervision of ICDF volunteers and Diplomatic Alternative Service program in Panama	12/13-12/15/01	Kao Hsiao-ling
Supervision of technical cooperation in Malawi	12/17-12/23/01	Hung Hui-peng, Juan Chia-chun

# Figures

Figure 10. World Distribution of ICDF Missions

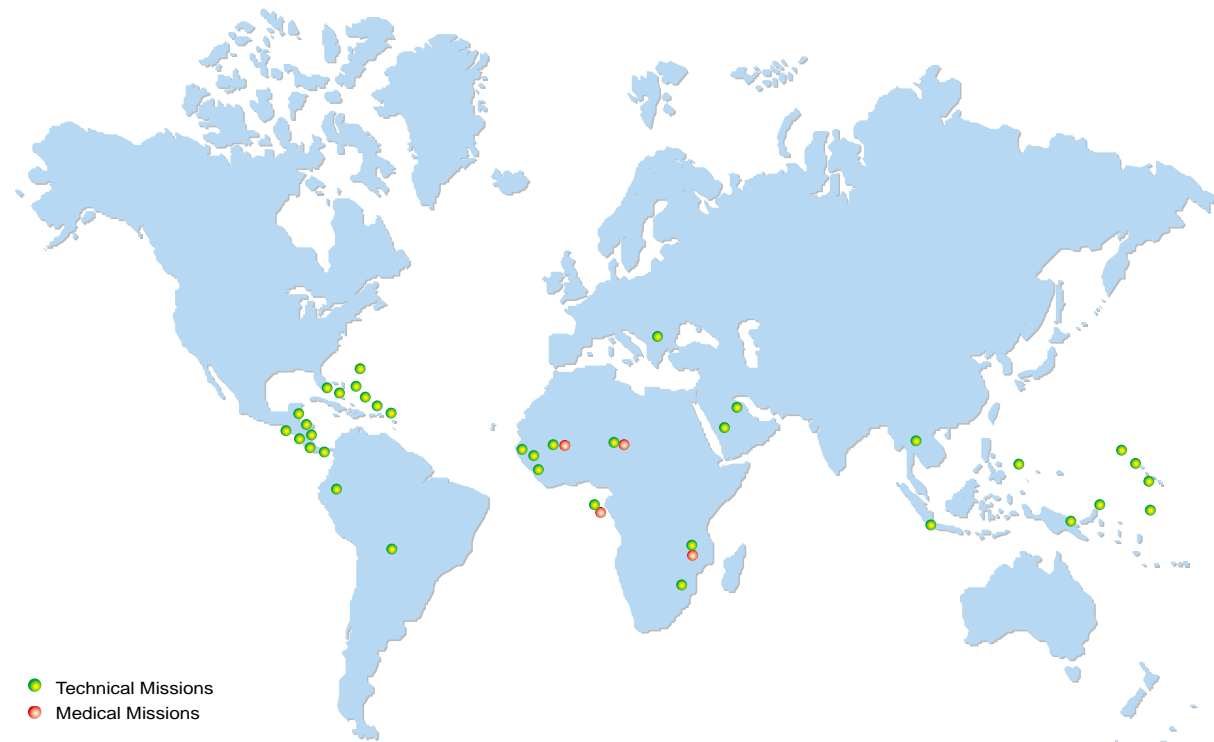


Figure 15. Mission Personnel by Expertise

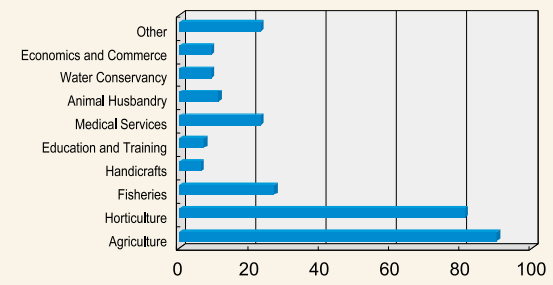


Figure 16. Signed Loan and Investment Projects by Type

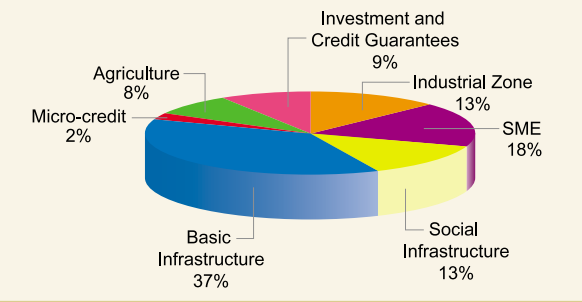


Figure 17. Signed Loan and Investment Projects by Region

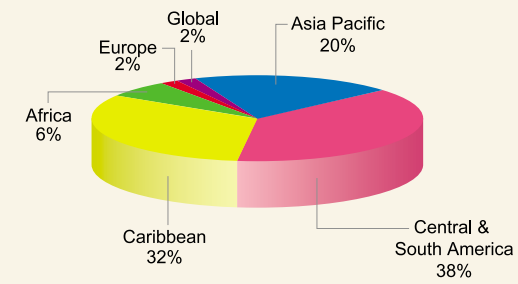


Figure 18. Seminar Participants by Region

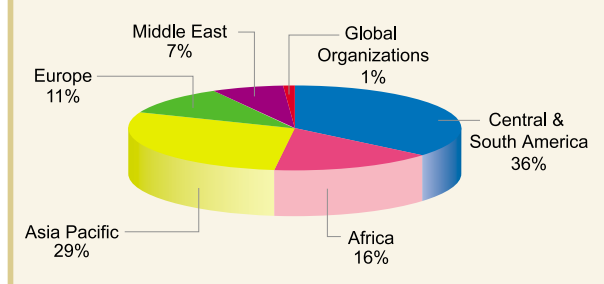


Figure 11. Technical Mission Expenses by Region

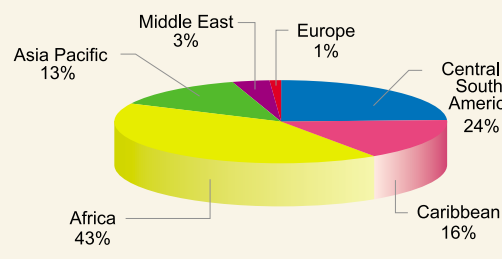


Figure 12. Mission Personnel by Region

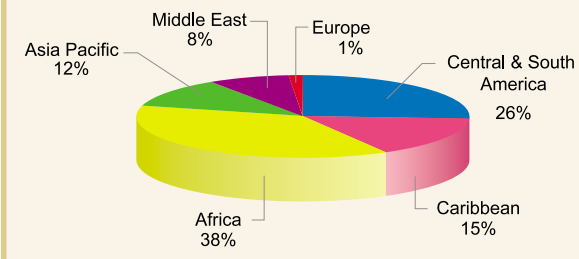


Figure 19. Number of Participants Attending Seminars

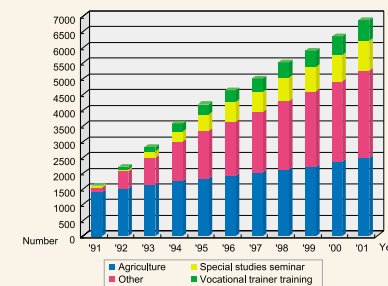


Figure 20. Technical Cooperation Expenses by Region

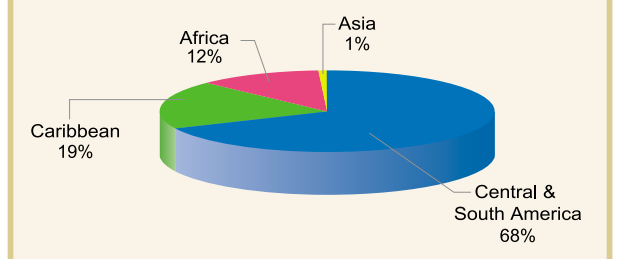


Figure 13. Technical Missions and Cooperating Countries

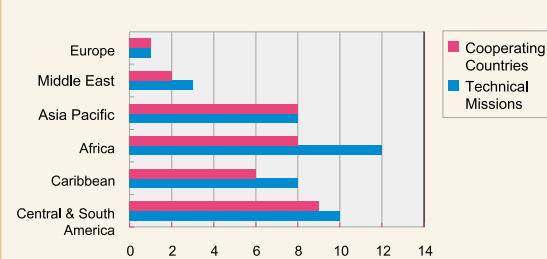


Figure 14. Technical Missions by Project Type

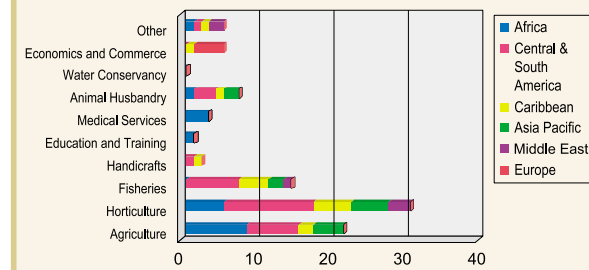


Figure 21. Technical Cooperation Expenses by Project Type

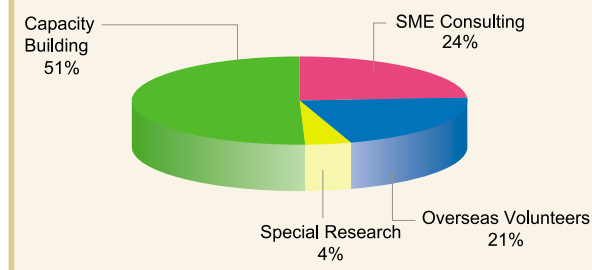


Figure 22. Technical Cooperation Projects by Region

