Chapter 2 Projects Implemented in FY 2003

JICA’s Grant Aid

ASIA

ARMENIA (1 project)
- The Increase of Food Production (2.00)

AZERBAIJAN (1 project)
- The Project for Improvement of Equipment for Articulation and Irrigation (6.24)

BANGLADESH (4 projects)
- The Project for Support to Strengthening of Emergency Obstetric Care Service (4.71)
- The Project for Human Resource Development Scholarship (0.62)
- The Project for Construction of Multipurpose Cyclone Shelters (Phase 5) (0.33)
- The Project for Human Resource Development Scholarship (1.47)

BHUTAN (2 projects)
- The Project for Reconstruction of Bridges (4.21)
- The Project for Improvement of Equipment for Road Construction and Maintenance (6.03)

CAMBODIA (9 projects)
- The Project for Rehabilitation of National Road No.7 Kampong Cham (4.94)
- The Project for Expansion of Phum Prek Water Treatment Plant (3.27)
- The Project for Expansion of Electricity Supply Facilities in Siem Reap (15.51)
- The Project for Flood Protection and Drainage Improvement in the Municipality of Phnom Penh (13.22)
- The Project for Rural Drinking Water Supply in Peri-urban of Phnom Penh City (4.42)
- The Project for Human Resource Development Scholarship (0.57)
- The Project for Infectious Diseases Control (3.95)
- The Project for Improvement of Water Supply System in Siem Reap Town (0.74)
- The Project for Human Resource Development Scholarship (1.53)

CHINA (6 projects)
- The Project for Human Resource Development Scholarship (0.93)
- The Project for Tuberculosis Control in Poor Areas (Phase 3) (4.49)
- The Project for Afforestation for Conservation of Middle Stream of Huang He (3.71)
- The project for improvement of Solid Waste Management in Xian City (13.23)
- The Project for Afforestation for Conservation of Middle Stream of Huang He (Phase 2) (5.19)
- The Project for Human Resource Development Scholarship (1.66)

GEORGIA (1 project)
- The Project for Improvement of Medical Equipment of Primary Health Care Facilities in the Field of Mother and Child Health (2.47)

INDIA (1 project)
- The Project for Improvement of Medical Equipment for Sir J.J Hospital and Cama & Ables Hospital (7.59)

INDONESIA (7 projects)
- The Project for Urgent Countermeasures for Sedimentation in Wonogiri Multipurpose Dam Reservoir (5.01)
- The Project for Bridge Construction in the Central and North Sulawesi Provinces (1.31)
- The Project for Human Resource Development Scholarship (0.72)
- The Project for Improvement of Broadcasting Equipment for Television of the Republic of Indonesia (TVRI) Makassar Station (4.59)
- The Project for Human Resource Development Scholarship (1.17)
- The Increase of Food Production (6.00)
- The Project for Improvement of Pump Drainage in Poverty District in Jakarta (3.35)

KAZAKHSTAN (1 project)
- The Project for Rural Communities Water Supply (5.25)

KYRGYZSTAN (1 project)
- The Project for Improvement of Child Health Care in Rural Areas (3.99)

LAOS (6 projects)
- The Project for Improvement of the National Road Route 9 (Phase 2) (11.75)
- The Project for Rehabilitation of the Nam Ngum 1 Hydropower Station (6.69)
- The Project for Improvement of International Telephone Switching System (2.19)
- The Project for Human Resource Development Scholarship (0.62)
- The Project for Construction of Primary Schools (3.33)
- The Project for Human Resource Development Scholarship (1.75)

MALDIVES (1 project)
- Food Aid (1.60)

MONGOLIA (8 projects)
- The Project for Improvement of Roads in Ulaanbaatar (3.60)
- The Project for Improvement of Primary Education Facilities (Phase 2) (9.44)
- The Project for Rehabilitation of Railway Facilities (Phase 2) (6.68)
- The Project for Improvement of Meteorological Information Network (5.78)
- The Project for Human Resource Development Scholarship (0.58)
- The Project for Improvement of Water Supply Facilities in Ulaanbaatar (0.58)
- The Project for Human Resource Development Scholarship (1.38)
- Food Aid (1.00)

NEPAL (7 projects)
- The Project for Construction of Sindhu Road (Section 2: Sindhu Bazar-Khurkot) (10.01)
- The Project for the Extension and Reinforcement of Power Transmission and Distribution System in Kathmandu Valley (Phase 3) (12.17)
- The Project for Improvement of Kathmandu Water Supply Facilities (2.77)
- The Project for Emergency Rehabilitation of Sindhu Road (Section 4) (4.34)
- The Project for Improvement of Expanded Program on Immunization (2.62)
- The Project for Construction of Primary Schools in Support of Education for All (6.83)
- Food Aid (3.50)

PAKISTAN (3 projects)
- The Project for Expansion of Immunization against Neonatal Tetanus (2.40)
- The Project for Improvement of Islamabad Children’s Hospital (6.25)
- The Project for Improvement of Basic Health Care System in Balochistan (2.89)

PHILIPPINES (8 projects)
- The Project for Construction of Bridges along Rural Roads in Northern Luzon (9.35)
- The Project for Establishment of the Automated Fingerprint Identification System (9.75)
- The Project for Human Resource Development Scholarship (0.64)
- The Project for Improvement of Educational Facilities (Phase 6) (9.47)
- The Project for Improvement of Water Quality in Local Areas (7.39)
- The Project for Rehabilitation of Cagayan Irrigation Facilities (9.06)
- The Project for Human Resource Development Scholarship (0.77)
- The Increase of Food Production (4.00)

SRI LANKA (2 projects)
- The Project for Reconstruction of Gampola Bridge and Muwagama Bridge (3.02)
AFGHANISTAN (3 projects)
- The Project for Improvement of Equipment of the Kabul International Airport (3.41)
- The Project for Improvement of TV Broadcasting Facilities in Kabul (7.94)
- The Project for Improvement of Equipment of the Universities in Kabul (4.16)

MIDDLE EAST

EGYPT (5 projects)
- The Project for Improvement of Water Supply System at the Northern Pyramids Aria in Giza City (9.82)
- The Project for Rehabilitation and Improvement of Sakoula Regulator on Bahr Yusef Canal (0.96)
- The Project for Water Supply Development in Northwestern Part of Sharqiya Governorate (0.44)
- The Project for Providing Ambulance Mobile Units for Emergency Medical Services (9.16)

DEMOCRATIC REPUBLIC OF THE CONGO (1 project)
- Food Aid (3.00)

DJIBOUTI (2 projects)
- The Project for Enhancing Basic Education (7.87)
- Food Aid (1.50)

ERITREA (1 project)
- Food Aid (1.00)

ETHIOPIA (3 projects)
- The Project for Rehabilitation of Trunk Road, Phase 1 (9.98)
- The Project for Consolidation of Educational Television and Radio Recording Studios (Phase 2) (1.96)
- Food Aid (2.00)

GAMBIA (1 project)
- Food Aid (1.60)

GHANA (3 projects)
- The Project for Construction of Small and Medium Scale Bridges (1.36)
- The Project for Rehabilitation of Trunk Road (9.98)
- The Project for Rural Electrification (3.06)

GUINEA (2 projects)
- The Project for Construction of Primary Schools in Conakry City (5.94)
- Food Aid (3.50)

KENYA (2 projects)
- The Project for Construction of Athi Bridge and Ikutha Bridge (6.09)
- The Project for Improvement of Facilities for Control of Infectious and Parasitic Diseases at Kenya Medical Research Institute (0.82)

MADAGASCAR (3 projects)
- The Project for Construction of National Route 7 Bypass (6.70)
- The Project for Groundwater Development in the Southwest Area (Phase 2) (4.75)
- The Project for Expanding Immunization (2.51)

MALAWI (1 project)
- The Project for Malaria Control (2.77)

MALI (3 projects)
- The Water Supply Project in Kayes, Segou et Mopti (2.27)
- The Increase of Food Production (2.00)
- Food Aid (3.00)
MAURITANIA (3 projects)
- The Project for Improving Drinking Water Supply Facilities in Kiffa City (9.53)
- The Increase of Food Production (1.74)
- Food Aid (3.00)

MAURITIUS (1 project)
- The Project for Upgrading and Renovation of the Management and Training Facilities for Artisanal Fisheries (5.48)

MOZAMBIQUE (2 projects)
- The Project for Reconstruction of Bridges on Main Roads (Phase 2) (2.71)
- Food Aid (3.00)

NIGER (2 projects)
- The Project for Construction of Primary Schools in Dosso Department and Tahoua Department (7.05)
- Food Aid (3.50)

SOUTH AFRICA (2 projects)
- The Project for Construction of Primary and Junior Secondary Schools in the Limpopo Province (8.39)

SENEGAL (6 projects)
- The Project for Coastal Afforestation (2.67)
- The Project for Improving National Health and Medical Care and Social Development School (7.80)
- The Project for Expanding Vocational Training Center (7.59)
- The Project for the Construction of Classrooms of Primary School (Phase 4) (11.08)
- The Increase of Food Production (2.71)
- Food Aid (2.50)

SWAZILAND (2 projects)
- The Project for Rural Water Supply (Phase 2) (5.17)
- The Increase of Food Production (1.43)

TANZANIA (6 projects)
- The Project for Makuyuni-Ngorongoro Road Rehabilitation (12.23)
- The Project for Rehabilitation of TANZAM Highway (Kilonga Gorge Section) (4.28)
- The Project for Infectious Diseases Control (4.89)
- The Project for Rural Water Supply in Lindi and Mtwara Regions (3.31)
- The Project for Construction of Kirumba Fish Market in Mwanza (6.24)
- Food Aid (3.10)

UGANDA (2 projects)
- The Project for Improvement of Trunk Roads in Kampala (Phase 2) (3.32)
- The Project for Rural Water Supply (Phase 2) (2.77)

ZAMBIA (2 projects)
- The Project for Improvement and Maintenance of Lusaka City Roads (Phase 2) (8.65)
- The Project for Infectious Diseases Control (5.10)

LATIN AMERICA

ANTIGUA AND BARBUDA (1 project)
- The Project for Construction of Fisheries Center (1.68)

BOLIVIA (3 projects)
- The Project for Enhancing the Maternal and Child Medical Care System in Cochabamba (16.05)
- The Project for Groundwater Development in the Rural Areas (Phase 3) (9.65)
- The Increase of Food Production (4.00)

DOMINICA (1 project)
- The Project for Improvement of Marigot Fish Landing Facilities (12.00)

DOMINICAN REPUBLIC (1 project)
- The Project for Groundwater Development in the Former Plantation Areas (4.40)

ECUADOR (3 projects)
- The Project for Groundwater Development in Azuay Province (6.52)
- The Project for Enhancing Basic Health Service (3.59)
- The Increase of Food Production (5.20)

GRENADA (1 project)
- The Project for Improvement of Fish Marketing for Grenville (8.09)

GUATEMALA (1 project)
- The Project for Constructing the National Puerto Barrios and Provision of Medical Equipment (9.90)

HONDURAS (5 projects)
- The Project for Construction of Ilama Bridge and Democracia Bridge (0.31)
- The Project for Rehabilitation of Water Supply System in Tegucigalpa City (5.25)
- The Project for Strengthening Regional Health Care Hospital Network No. 3 (4.67)
- The Project for Groundwater Development in the 7th Health Care Area (4.16)
- The Increase of Food Production (5.50)

NICARAGUA (2 projects)
- The Project for Rehabilitation of Basic Education Facilities in Managua Department (5.47)
- The Increase of Food Production (5.15)

SAINT VINCENT AND THE GRENADINES (1 project)
- The Project for Re-modeling of New Kingstown Fish Market (7.55)

SURINAME (1 project)
- The Project for Improvement of Basic Medical Equipment for Mother and Child Health Care Facilities (3.27)

OCEANIA

FIJI (1 project)
- The Project for Construction of the New Fiji Pharmaceutical Services Center (7.59)

MARSHALL ISLANDS (1 project)
- The Project for Improvement of the Majuro Hospital (6.14)

MICRONESIA (1 project)
- The Project for Improvement of the Circumferential Road in the Pohnpei Island (4.54)

PAPUA NEW GUINEA (2 projects)
- The Project for Improvement of Equipment of the National Broadcasting Corporation (8.20)
- The Project for Improvement of Educational Equipment for the University of Goroka (2.79)

SAMOA (1 project)
- The Project for the Second Development of Apia Port (3.95)

VANUATU (1 project)
- The Project for the Rehabilitation of Bridges on the Ring Road in the Easte Island (1.88)

ALBANIA (1 project)
- The Increase of Food Production (1.70)

BOSNIA AND HERZEGOVINA (2 projects)
- The Project for Improvement of Osnica Bridge and Bogatici Bridge (4.91)
- The Project for Construction of Doboj Bridge and Modrica Bridge (0.38)
THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA (1 project)
- The Project for Improvement of Water Supply in Skopje Outskirts (0.53)

MOLDOVA (1 project)
- The Increase of Food Production (2.60)

SERBIA AND MONTENEGRO (1 project)
- The Project for Rehabilitation of the Bajna Basta Pumped Storage Hydroelectric Power Plant (6.45)

(Total: 202 projects)

Notes:
1. This list shows Grant Aid projects expedited by JICA in fiscal 2003.
2. Figures in parentheses are the grant in fiscal 2003 (unit: 100 millions of yen).

Development Studies

ASIA

ARMENIA (2 projects)
- The Study on Landslide Disaster Management in the Republic of Armenia
- The Study for the Mining Sector Development Master Plan in the Republic of Armenia

BANGLADESH (4 projects)
- Feasibility Study of Padma Bridge in the People’s Republic of Bangladesh
- Feasibility Study for Upgradation and Expansion of Data Communication/Transmission Network of Flood Forecasting and Warning Service
- The Study on Urban Information Management for Greater Dhaka City
- Solid Waste Management Study in Dhaka City

BHUTAN (1 project)
- The Integrated Master Plan Study for Dzongkha-wise Electrification in Bhutan

CAMBODIA (6 projects)
- The Study on the Construction of Second Mekong Bridge in Cambodia
- The Study on Regional Development for the Phnom Penh - Sihanoukville Growth Corridor
- Study on Solid Waste Management in Phnom Penh Municipality in the Kingdom of Cambodia
- Study on Comprehensive Agricultural Development of Prek Thnot River Basin
- The Feasibility Study on Establishment of Open Paddy Market in Cambodia
- The Study for Establishment of Electric Power Technical Standards and Guideline in Kingdom of Cambodia

CHINA (8 projects)
- Study of Sustainable Utilization of Underground Water in Turfan Basin, Xinjiang
- The Study on Financial System Reform Program for the Western Area in the People’s Republic of China
- The Study on the Improvement of the Water Rights Systems
- Study on the Master Plan for Air Pollution Control in Guiyang Municipality
- The Study on Regional Development and Urbanization Program in Western Region in the People’s Republic of China
- The Study for Prevention of Landslide Disaster at Xiaoajing River Basin in Yunnan Province
- The Study for Yangbajain Geothermal Subterranean Development in the Tibet, China
- The Study on Reforming SME Finance System in the People’s Republic of China

INDIA (2 projects)
- Integrated Pollution Abatement and River Basin Management Project for Ganga Basin
- Development Study on the Improvement of Power Distribution System of Andhra Pradesh in India

INDONESIA (25 projects)
- Study on Integrated Regional Development and Environmental Conservation Management in the Catchments of Lake Toba with Participatory Approach
- Study on the impact of Macroeconomic Policies Towards the Poverty Reduction in Indonesia
- Basic Survey Study for Drawing a Guideline to Improve IT Environment for E-government Promotion
- A Study on Civil Servant Management in Indonesia
- Comprehensive Study on Water Resources Development and Management for Bali Island
- The Study on Countermeasures for Sedimentation in Wonogiri Multipurpose Dam Reservoir
- The Detailed Design Study of Railway Electrification and Double-double Tracking of Java Main Line Project in Indonesia
- The Study on Comprehensive Water Management of Musi River Basin
- The Study for Development of the Greater Jakarta Metropolitan Ports of Indonesia
- Regional Educational Development and Improvement Program (Phase 2)
- The Study on Integrated Transportation Master Plan for JABOTABEK in the Republic of Indonesia (Phase 2)
- The Program for Economic Policy Support for the Republic of Indonesia
- The Study on Development of Domestic Sea Transportation and Marine Industry in Republic of Indonesia
- The Master Plan Study for the Strategic Policy of the Air Transport Sector
- The Study on Capacity Development for the Feasibility Study on the Centers of Integrated Logistic Complexes in the Republic of Indonesia
- The Study for Development of the Greater Jakarta Metropolitan Ports of Indonesia
- The Study on the Implementation of the WTO Agreements in APEC Area
- The Study on Rural Energy Supply with Utilization of Renewable Energy in Rural Areas in Indonesia
- Study on Strengthening Capacity of SME Clusters in Indonesia
- The Mineral Exploration in the East Java Area, Republic of Indonesia
- Study on Human Resource Development for SMEs Focused on Manufacturing Industries in Indonesia
- Study on the Optimal Electric Power Development in Sumatra
- The Study on Trade Related Systems and Procedures in the Republic of Indonesia

KAZAKHSTAN (2 projects)
- Preparatory Study Mission for the Development of the Feasibility Study on the Centers of Integrated Logistic Complexes in the Republic of Kazakhstan and Marketing Plan of Activities or Container
- The Detailed Design Study of the Water Supply and Sewerage System for Astana City in the Republic of Kazakhstan

KYRGYZSTAN (2 projects)
- The Study on Integrated Development Plan of Issyk-Kul Zone
- Study on Effective Management of Agriculture and Processing Industry in Kyrgyz Republic

LAOS (3 projects)
- The Study on Mekong Riverbank Protection around Vientiane Municipality, in the Lao People’s Democratic Republic
- Vientiane Water Supply Development Project
- The Master Plan Study on Small Hydropower in Northern Laos
MALAYSIA (5 projects)
- The Study on National Waste Minimization (Recycling) in Malaysia
- Study on the Safety Closures and Rehabilitation of Landfill Sites in Malaysia
- The Study on Development for Enhancing Rural Women Entrepreneurs in Sabah, Malaysia
- The Capacity Building Program on the Implementation of the WTO Agreements in APEC Area
- The Study on Enhancement of Intellectual Property Rights Administration Capacity through Utilization of Information Technology in Malaysia (Phase 2)

MONGOLIA (4 projects)
- Study for Water Resource Development in Zamyn-Uud
- Study for Establishment of Tax Education System
- The Study on Improvement Plan of Livestock Farming System in Rural Area in Mongolia
- The Mineral Exploration in the Western Erdenet Area, Mongolia

MYANMAR (6 projects)
- The Japan-Myanmar Cooperation Programme for Structural Adjustment of the Myanmar Economy
- The Study on Water Supply System in Mandalay City and in the Central Dry Zone in the Union of Myanmar
- Development Study for the Improvement of Quality and Access of Basic Education in the Union of Myanmar
- The Establishment of Geographic Database for the National Rehabilitation and Development Programme in the Union of Myanmar
- The Study on Integrated Mangrove Management through Community Participation in the Ayeyawady Delta
- The Study on Introduction of Renewable Energy to Rural Areas in Myanmar

NEPAL (1 project)
- The Study on the Solid Waste Management for the Kathmandu Valley in Kingdom of Nepal

PAKISTAN (2 projects)
- The Study on Comprehensive Flood Mitigation and Environmental Improvement Plan of the Lai Nullah Basin in the Islamic Republic of Pakistan
- Development Study on Improvement of Management Information Systems in Health Sector in the Islamic Republic of Pakistan

PHILIPPINES (21 projects)
- Micro-hydropower Development Study for Unenergized Barangays in Northern Luzon
- Nationwide Groundwater Quality Survey
- Basic Study on the Disaster Prevention and Reconstruction Project for Camiguin Island, Mindanao
- Comprehensive Basic Survey of ARMM
- Survey on Inter-regional Passenger and Freight Flow in the Republic of Philippines
- Basic Study on the Disaster Prevention of Non-structural Measures for Camiguin Island, Mindanao
- Feasibility Study and Implementation Support on the CALA East-West National Road Project
- The Study on Sabo and Flood Control for Western River Basin of Mount Pinatubo in the Republic of the Philippines
- The Detailed Design for the New CNS/ATM System Development Project in the Republic of the Philippines
- Earthquake Impact Reduction Study for Metropolitan Manila, Republic of the Philippines
- Study on the Improvement of Existing Bridges along Pasig River and Marikina River
- The Study on the Master Plan for the Strategic Development of the National Port System in the Republic of the Philippines
- F/S on Road Network Improvement for Development of Regional Growth Centers
- The Study on Drainage Improvement in the Core Area of Metro Manila
- The Study on the Irrigator’s Association Strengthening Project in National Irrigation Systems
- Master Plan Study for Watershed Management in Upper Magat and Cagayan River Basin
- The Capacity Building Program on the Implementation of the WTO Agreements in APEC Area
- The Study on Environmental Management with Public and Private Sector Ownership (Empower)
- Study on the Institutional Capacity Building for the DOE under a Restructured Philippine Electric Power Industry
- Support Program for the SME Development Plan in the Republic of the Philippines
- The Master Plan Study on Power Development in Palawan Province in the Republic of the Philippines

SRI LANKA (5 projects)
- The Study on Improvement of Solid Waste Management in Secondary Cities of Sri Lanka
- Master Plan Study for Strengthening Health System
- Master Plan Study for the Development of Science and Mathematics in the Primary and Secondary Level
- Urgent Rehabilitation Support Programme in the Northern and Eastern Provinces (Urgent Rehabilitation Works)
- The Study of Hydropower Optimization in Sri Lanka

THAILAND (5 projects)
- Study for the Development of Waste Management Systems in Local Areas in the Kingdom of Thailand
- Development Study on Planning and Capacity Building for Natural Resource Management and Sustainable Rural and Agricultural Development in the North Thailand
- The Study on Application of Participatory Planning in Rural and Agricultural Development Project in the Lam Pao Chi River Basin
- The Study on Development of Consulting Services to Promote SME Cluster and Regional Development
- The Capacity Building for Implementing Accounting System (TA for Implementing the Accounting Act)

TIMOR-LESTE (2 projects)
- A Study on Marketing/Trade of Domestic Rice in Timor-Leste
- The Study on Integrated Agricultural Development of Timor-Leste

UZBEKISTAN (4 projects)
- Needs Survey of Human Resources in SME Development
- The Study on the Restructuring of Health and Medical System in Republic of Uzbekistan
- The Study on Restructuring of Water Supply System of Tashkent City in the Republic of Uzbekistan
- The Detail Design Study on Tashkent Thermal Power Plant Modernization Project in Uzbekistan

VIET NAM (8 projects)
- Study on Road Traffic Safety in Hanoi
- Fact Finding Team the Study on Human Resource Development in Power Sector of Viet Nam
- Detailed Design Study of Cai Mep-Thi Vai International Terminals
- Support Program on Primary Education Development in the Socialist Republic of Viet Nam
- The Study on Nationwide Water Resources Management in the Socialist Republic of Viet Nam
- The Study on Urban Transport Master Plan and Feasibility Study in HCM Metropolitan Area in the Socialist Republic of Viet Nam (HOUTRANS)
- Artisan Craft Development Plan for Rural Industrialization in Socialist Republic of Viet Nam
- The Master Plan on Pumped Storage Power Project and Optimization for Peaking Power Generation

OTHERS (1 project)
- The Study on Hydro-meteorological Monitoring for Water Quantity Rules
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<td>AFGHANISTAN (4 projects)</td>
<td>Study on Water Resources Potential in Kabul Basin</td>
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<td>The Study on the Urgent Rehabilitation Programme of Kabul City in Afghanistan</td>
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<td>The Study on the Urgent Rehabilitation Programme of Kandahar City in Afghanistan</td>
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<td>The Study on Urgent Rehabilitation Support Program of Agriculture in Kandahar</td>
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<td>EGYPT (1 project)</td>
<td>Transportation Master Plan and Feasibility Study of Urban Transport Projects in Greater Cairo Region in the Arab Republic of Egypt</td>
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<td>IRAN (6 projects)</td>
<td>Study on Flood and Debris Flow in the Caspian Coastal Area Focusing on the Flood-hit Region in Golestan Province</td>
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<td>Master Plan Study on Redesign of Water Distribution Network in Tehran Municipity</td>
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<td>The Study for Strengthening and Improving Air Quality Management in Greater Tehran Area</td>
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<td>Comprehensive Master Plan Study on Urban Seismic Disaster Prevention and Management for the Greater Tehran Area in the Islamic Republic of Iran</td>
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<td>The Study on Integrated Management for Ecosystem Conservation of the Anzali Wetland in the Islamic Republic of Iran</td>
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<td>The Study on Charsisu River Basin Agricultural Infrastructure Development Plan</td>
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<td>JORDAN (1 project)</td>
<td>Study on Digital Self-learning Material Development in the Hashemite Kingdom of Jordan</td>
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<td>LEBANON (2 projects)</td>
<td>Study on Water Resources Management Master Plan in the Republic of Lebanon</td>
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<td>The Study on the Integrated Tourism Development Plan</td>
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<td>MOROCCO (4 projects)</td>
<td>Master Plan Study on Flood Forecasting System for Atlas Region in the Kingdom of Morocco</td>
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<td>The Basic Education Improvement Program for Rural Area</td>
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<td>The Development Study on Rural Community Development Project in Semi-arid East Atlas Regions with Khettara Rehabilitation</td>
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<td>The Mineral Exploration in the Marrakech-Tekna Area, the Kingdom of Morocco</td>
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<td>OMAN (3 projects)</td>
<td>National Port Development Strategy Study in the Sultanate of Oman</td>
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<td>Study in the Roads Network Development</td>
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<td>Master Plan Study on Restoration, Conservation and Management of Mangrove in the Sultanate of Oman</td>
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<td>The Study on the Rural Water Supply Project Phase 2 in the Republic of Tunisia</td>
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<td>Study on the Regional Development Plan for the Eastern Black Sea Region in the Republic of Turkey (DOKAP)</td>
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<td>Evaluation and Improvement of Eastern Black Sea Region’s Urban Waste Management</td>
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<td>Master Plan Study on Participatory Watershed Rehabilitation in Coruh River in the Republic of Turkey</td>
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<td>Capacity Building Programs for Community-based Irrigation Development in Central Oromia Region of Ethiopia</td>
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<td>Feasibility Study on the Project for Agricultural Sector Development and Improvement of Living Conditions of Rural Populations in Upper River Division</td>
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<td>The Development Study on the Project of Mechanization of Irrigated Agriculture and Water Management in the Plain of Sontonia in the Republic of Guinea</td>
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<td>The National Implementation Program for District Education Plans</td>
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<td>The Study on Rural Development and Watershed Management in the South-West Region of Alaloyna</td>
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<td>The Study of Promotion for Desertification in the South Region of Segou in the Republic of Mali</td>
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<td>The Mineral Exploration in the Baoule-Banting Area, Republic of Mali</td>
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<td>The Study on the Development for the Oasis Zone in the Mauritania</td>
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<td>The Study on the Strategic Plan of Mineral Resources Development in the Islamic Republic of Mauritania</td>
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<td>The Study on the Improvement of Environment for Early Childhood in Republic of Senegal</td>
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<td>The Study on the Reorganization of the Production of Rice in the Republic of Senegal</td>
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<td>The Study on Sustainable Management of the Mangrove in the Pette Cote and Saloum Delta in the Republic of Senegal</td>
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<td>The Study on Fisheries Resources Assessment and Management in the Republic of Senegal</td>
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<td>Integrated Holistic Rural Development and Soil Conservation Programme in the Schoonord Area in Sekhukhune District</td>
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<td>The Study on Improvement of Rural Environment in Degraded Land in the Kingdom of Swaziland</td>
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<td>Participatory Poverty Assessment</td>
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<td>The Development Project of Socio-economic Profiles of Districts and Municipalities</td>
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<td>Development Study on Updating Water Master Plan and Feasibility Study in Coast Region and Dar es Salaam Peri-urban</td>
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<td>School Mapping and Micro-planning (Phase 2)</td>
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<td>The Verification Study on the Small Scale Horticultural Development Project for Poverty Alleviation to Farmers in Coast Region</td>
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<td>The Support Program on Rural and Agriculture Sector Development in the United States</td>
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<td>The Study on National Irrigation Master Plan</td>
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<td>Study on Poverty Eradication through Sustainable Irrigation Project in Eastern Uganda</td>
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<td>The Study on Improvement of Post-harvest Processing and Marketing System</td>
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</tbody>
</table>
ZAMBIA (2 projects)
- WAN Readiness Assessment Survey for Central Statistical Office
- Project for Capacity Building to Implement VCT & Care Services in Pilot Areas

ARGENTINA (1 project)
- Study for Environmental Management in Rio Gallegos

BOLIVIA (2 projects)
- Study on the Needs of the Human Resource Development among the Youth in the City of La Paz and El Alto
- The Mineral Exploration in the Yani-Pelechuco Area, the Republic of Bolivia

BRAZIL (4 projects)
- Study on Management and Improvement of the Environmental Conditions of the Guanabara Bay in Rio de Janeiro, the Federative Republic of Brazil
- The Feasibility Study on the Improvement of Transportation System in the Metropolitan Area of Belem
- Basic Study for Alleviation of Poverty in the Rural Area in the Outskirts of Teresina, the State of Piauí
- Basic Study for Fisher Development

CUBA (4 projects)
- Development Study on the Improvement of the Sewerage and Drainage System for the Havana Bay in the Republic of Cuba
- Integrated Management of Urban Solid Waste in Havana City
- Sustainable Forest Development: Inventory Survey and Management Plan
- The Study on Sustainable Technical Development for Rice Cultivation in the Central Area in the Republic of Cuba

DOMINICAN REPUBLIC (1 project)
- The Study on the Integrated Rural Development of Former Sugarcane Plantation Area and the Pilot Project of La Luisa, Monte Plata Province in the Dominican Republic

ECUADOR (1 project)
- The Study on Development for Reactivation of Productivity and Poverty Reduction in the Central-southern Region (Azuay and Canar) of the Republic of Ecuador

EL SALVADOR (2 projects)
- The Study on Economic Development, Focusing on Eastern Region in the Republic of El Salvador
- Feasibility Study on the Hydroelectric Complex over Torora River in El Salvador

GUATEMALA (3 projects)
- Study on Water Pollution Prevention of Motagua River in the Republic of Guatemala
- The Study for Establishment of Base Maps and Hazard Maps for GIS in the Republic of Guatemala
- The Study of the Improvement/Construction of the International Airport in the Republic of Guatemala

MEXICO (5 projects)
- Basic Study for Strengthening of Air Monitoring Program in Mexico
- The Study on Water Resource Conservation and Pollution Prevention Caused by Sewage Discharge of the Newly Urbanized Areas in the Delegations of Milpa Alta, Tlahuac, Tlapan and Xochimilco, in Mexico City, in the United Mexican States
- Development Study of Environmental Management in the Caribbean Coast of Quintana Roo
- Basic Study for Determination of Agricultural Potential to Combat Poverty in Four Irrigation Units in the Papalopacan River Basin, the State of Veracruz, Mexico
- The Mineral Exploration in the Zacualpan Area, the United Mexican States

NICARAGUA (4 projects)
- The Study on Improvement of Water Supply System in Managua
- The Study for Establishment of Base Maps and Hazard Maps for GIS in the Republic of Nicaragua
- Study for Promotion of Exportation of Agricultural Products
- The Maser Plan Study on Forest Management for Disaster Prevention in the Northern Pacific Region in the Republic of Nicaragua

PARAGUAY (1 project)
- The Study on the Comprehensive Ports Development Plan

PAKISTAN (2 projects)
- Data Base of the Financial Statements of the Local Government (Municipalities) for Improvement of the Fund Transferring Function of the Ministry of Finance

PERU (2 projects)
- The Study on Recuperation of the Ferrol-Chimbote Bay Ecosystem in the Republic of Peru
- Lima Metropolitan Transportation Planification in the Republic of Peru

URUGUAY (1 project)
- The Study on Capacity Development for Water Quality Management in Montevideo City and Metropolitan Area

VENEZUELA (1 project)
- The Study on Disaster Prevention Basic Plan in the Caracas Metropolitan Major District

OTHERS (1 project)
- The Study on Improvement of Packaging Technology for Merchandice Distribution in MERCOSUR

OCEANIA

FIJI (1 project)
- The Mineral Exploration in the Vitilevu South Area, the Republic of the Fiji Islands

SAMOA (1 project)
- The Survey for the Improvement of Education Sector

EUROPE

BOSNIA AND HERZEGOVINA (2 projects)
- The Study on Establishing Digital Topographic Maps for Bosnia and Herzegovina
- The Study on Community-based Eco-tourism Development in Bosnia and Herzegovina

BULGARIA (1 project)
- Promotion of Supporting Industry in Small and Medium Size Enterprises

LITHUANIA (1 project)
- The Study for the Port Development Project in Lithuania

Macedonia (1 project)
- The Study for Establishment of State Base Maps for GIS in the Former Yugoslav Republic of Macedonia

POLAND (1 project)
- Feasibility Study on Polish State Railways S.A. (PKPS.A.) Privatization in Poland

ROMANIA (1 project)
- Master Plan on Hazardous Waste Management in Romania

Notes:
1. The list represents development studies implemented during fiscal 2003 for preparatory studies, main studies and explanation of reports.
2. Projects at the preliminary stage and those that were completed in the preceding fiscal year are excluded from the list.
3. * new project in fiscal 2003

(Total: 224 projects)
Technical Cooperation Projects (Formerly Project-type Technical Cooperation and Dispatch of Expert Teams)

ASIA

BANGLADESH (4 projects)
- Project of Human Resources Development in Reproductive Health in Bangladesh
- The Poultry Management Techniques Improvement Project in the People’s Republic of Bangladesh
- Participatory Rural Development Project
- The Project to Set up Rural Development Engineering Center in Bangladesh

CAMBODIA (14 projects)
- Gender Mainstreaming and Policy Development through Upgrading Information and Research Capacity
- Battambang Agricultural Productivity Enhancement Project
- The Project for Human Resource Development of Co-medicals
- The Project for Technical Service Center for Irrigation System in Cambodia
- National Tuberculosis Control Project in the Kingdom of Cambodia
- The Legal and Judicial Development Project (Phase 2)
- The Capacity Building for the Forestry Sector in the Kingdom of Cambodia
- The Project on Capacity Building for Water Supply System
- Tax Administration Improvement Project
- Cambodia-Japan Cooperation Center
- Improvement of the Survey and Forecast System on Meteorology and Agro-meteorology
- Phase 2 of the Maternal and Child Health Project
- The Japanese Cooperation to Support the Formulation of Key Government Policies on the Judicial System in the Republic of Cambodia
- Secondary School Teacher Training Project in Science and Mathematics

CHINA (20 projects)
- Anhui Primary Health Care Technical Training Center
- The Research Center of Mineral Resources Exploration Project
- Human Resource Development of Rehabilitation Professionals
- China-Japan Friendship Project on the National Center for Safety Evaluation of Drugs
- Poverty Alleviation Model Project in Sandu County, Guizhou Province
- The Dairy Farming and Industry Development Project in Heilongjiang Province
- The Model Afforestation Project in Sichuan
- Research and Development Project on Sustainable Agricultural Technology
- Research on Performance Assessment and Product Certification for Residential Building
- Research Project on Timber from Man-made Forests in China
- Human Resource Development Project for Water Resources, People’s Republic of China
- Project for Improvement of Tax Administration System of the People’s Republic of China
- Water Environment Restoration Pilot Project in Taihu Lake
- The Model Planning Project for Water-saving Measures on Large-scale Irrigation Scheme
- Improvement of Environment Protection Technology for Metallurgical Combustion
- The Japan-China Cooperation Science and Technology Center for Forest Tree Improvement Project
- The Sino-Japan Friendship Center for Environmental Protection Project (Phase 3)
- Enhancement of Agricultural Extension System Project
- The Project for the Beijing Municipal Education and Training Center for Fire Fighting and Prevention
- Expanded Program on Immunization Strengthening Project

INDIA (3 projects)
- The Project for Prevention of Diarrheal Diseases in India (Phase 2)
- The Project for Prevention of Emerging Diarrheal Diseases in India
- The Project for Strengthening Extension System for Bovine Sericulture in India

INDONESIA (29 projects)
- Training of Agricultural Extension Officers on Improvement of Farm Management
- Gunung Halimun Salak National Park Management Project
- The Mangrove Information Center Project
- Integrated Sediment-related Disaster Management Project for Volcanic Areas
- Project for Improvement of Economic Development Planning
- Project for the Promotion of Mass Propagation Technique of Native Tree Species for Reforestation
- The Project on Enhancement of Civilian Police Activities
- Technical Cooperation for Community Empowerment Program with Civil Society in Indonesia
- The Project for Development of Science and Mathematics Teaching for Primary and Secondary Education
- The Forest Fire Prevention Management Project in Republic of Indonesia
- The Empowerment of Water Users Association Project
- Biodiversity Conservation Project 2
- Improvement of Customs Administration Project
- Tax Administration Improvement Project
- Coal Mining Enhancement Project at Ombilin Mines Training College in the Republic of Indonesia
- Maritime Education Improvement Project
- External Debt Management Improvement Project
- Quality Soybean Seed Multiplication and Training Project (F/U)
- Freshwater Aquaculture Development Project in Indonesia
- Regional Development Policies for Local Government
- The Project for Strengthening Decentralized Environmental Management System in Indonesia
- Human Resource Development for Local Governance in the Republic of Indonesia
- Project on Capability Building for Regional Road Management
- Establishment and Capacity Building of Regional Export Training and Promotion Centers
- Project on Supporting Industries Development for Casting Technology in Indonesia
- Strengthening of Polytechnic Education in Electric-related Technology
- Training of Agricultural Extension Officers on Improvement of Farm Management
- Technical Cooperation Project for Ensuring the Quality of MCH Services through MCH Handbook
- The Forest Tree Improvement Project Phase 2 in the Republic of Indonesia

KAZAKHSTAN (2 projects)
- Technical Cooperation for the Improvement of Health Care Services in the Semipalatinsk Region in the Republic of Kazakhstan
- Kazakhstan-Japan Center for Human Development

KYRGYZSTAN (1 project)
- Kyrgyz-Japan Center for Human Development

LAOS (12 projects)
- The Project for the Improvement of Sethathirath Hospital
- Macroeconomic Policy Support for Socio-economic Development in the Lao People’s Democratic Republic (Phase 2)
- Development of the Faculty of Economics and Management of National University of Laos and the Lao-Japan Human Resource Cooperation Center
- The Upgrading IT Education Project (Information Technology Bridging Course)
- The Project for Strengthening Health Services for Children
- Forest Management and Community Support Project
- The Forest Conservation and Afforestation Project Phase 2 in Lao People’s Democratic Republic
• Capacity Development of Water Supply System
• The Project on Electric Power Technical Standard Establishment in Lao People’s Democratic Republic
• Japanese Technical Cooperation on the Legal and Judicial Development Project
• The Aquaculture Improvement and Extension Project
• Project for Improving Science and Mathematics Teacher Training

MALAYSIA (9 projects)
• Collaborative Study Project on the Epidemiology, Pathogenesis and Molecular Characterization of NIPAH Virus in Animals in Malaysia
• Technical Cooperation Programme for Bornean Biodiversity and Ecosystems Conservation in Sabah, Malaysia
• Project on Networked Multimedia Education System
• The Project for Strengthening of Food Safety Programme in Malaysia
• The Project for the Aquatic Resource and Environmental Studies of the Straits of Malacca in UPM
• Project on Human Resource Development and Improvement in Tax Administration
• Japan-Malaysia Technical Institute (JMTI)
• The Project for the Development of Technology Related to the Processing of Feed Based on Agro-industrial By-products of Oil Palms Production in Malaysia
• The Project for the Capacity Building of National Institute of Occupational Safety and Health in the Field of Occupational Safety and Health

MONGOLIA (2 projects)
• The Project for the Improvement of Technology on Diagnosis of Animal Infectious Diseases in Mongolia
• Mongolia-Japan Center for Human Development

MYANMAR (3 projects)
• Leprosy Control and Basic Health Service Project
• Community Forestry Training and Extension Project in Dry Zone in the Union of Myanmar
• Irrigation Technology Centre Project (Phase 2)

NEPAL (6 projects)
• The Community-based Alternative Schooling Project (CASP)
• Disaster Mitigation Support Programme Project
• Community Development and Forest/Watershed Conservation Project Phase 2 in Nepal
• Community Tuberculosis and Lung Health Project
• Agricultural Training and Extension Improvement Project
• Mini-project-type Technical Cooperation for Sericulture Promotion (Sericulture Promotion Project)

PAKISTAN (2 projects)
• Punjab Literacy Promotion Project
• Balancing and Modernization of Workshop Facilities at PITAC, Lahore

PHILIPPINES (13 projects)
• The Cebu Socio-economic Empowerment and Development Project
• Bohol Integrated Agriculture Promotion Project
• Philippine Coast Guard Human Resource Development
• Quality Tuberculosis Control Programme
• Modernization of Industrial Property Administration
• The Project for Enhancement of Capabilities in Flood Control and Sabo Engineering of the Department of Public Works and Highways
• Project for Strengthening of Continuing School Based Training Program for Elementary and Secondary Science and Mathematics Teachers (SBTP-ELSSMAT)
• Water Buffaloes and Beef Cattle Improvement Project
• Enhancement of Ship Inspection Administration in the Republic of the Philippines
• Technology Development for Electronic Navigational Charts (ENC)
• The Project for Improvement of Farmers Income and Area Development
• Environmental and Productivity Management of Marginal Soils in the Philippines
• The Project for the Preparation & Publication of the Philippine Pharmacopeia

SRI LANKA (3 projects)
• Mannar District Rehabilitation and Reconstruction through Community Approach Project
• Project for Human Resource Development in Information Technology through Capacity Building of University of Colombo School of Computing
• Foundry Technology Development Project (F/U)

THAILAND (23 projects)
• Asia-Pacific Development Center on Disability
• Southeast Asia Engineering Education Network (SEED-NET)
• The Project on the Practical Energy Management Training Center in the Kingdom of Thailand
• The Project on Capacity Building for Environmental Management and Airside Paved-area Maintenance of Suvarnabhumi Airport in Thailand
• The Project of the Japan-Thailand Technical Cooperation on Animal Disease Control in Thailand and Neighboring Countries
• Project for Development of Trauma Center Complex
• Capacity Building for Planning Management of Local Authorities
• The Project of Capacity Building on the Development of Information Technology for Education (ITEd)
• SIC - Tool and Mold Technology Development Project in the Kingdom of Thailand
• Project on Assistance of Public Health Insurance Information System Development in the Kingdom of Thailand
• The Project on the Industrial Water Technology Institute (Phase 2)
• Project for Technical Strengthening of National Institute of Metrology (Thailand) (Phase 1)
• The Project for the Asian Center for International Parasite Control
• Project for Strengthening of National Institute of Health Capabilities for Research and Development on AIDS and Emerging Infectious Diseases
• Enhancement of Comprehensive Network System on Employment Service in Thailand
• Project on Local Management Cooperation
• The Modernization of Water Management System Project in Thailand
• Development of the Method of Urban Development
• The Reforestation and Extension Project in the Northeast of Thailand
• Pasture Seed Production Development Project in North-East Thailand
• Agricultural Statistics and Economic Analysis Development
• Appropriate Technology for Reduction of Agrochemical in Northern Thailand
• Regional Cooperation Project on Capacity Building of Drug Analysis for Improvement of Drug Law Enforcement in Thailand, Cambodia, Laos, Myanmar and Viet Nam

UZBEKISTAN (2 projects)
• Joint Research on the Improvement of Tax Policy and Administration of the Republic of Uzbekistan
• Uzbekistan-Japan Center for Human Development

VIET NAM (21 projects)
• The Bach Mai Hospital Project for Functional Enhancement
• The Project for Strengthening Training Capability for Technical Workers in the Hanoi Industrial College
• The Education and Research Capability Building Project of Hanoi Agricultural University
• The Reproductive Health Project in Nghe An Province (Phase 2)
• The Project for Improvement of Cattle Artificial Insemination Technology in Viet Nam
• Japan-Viet Nam Joint Initiative on Developing Investment Environment for Enhanced Competitiveness
• Modernization of Industrial Property Administration Project
• Project on the Improvement of Higher Maritime Education in Viet Nam
• Strengthening of National Institute of Veterinary Research
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<tr>
<th>Country</th>
<th>Projects</th>
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<tr>
<td><strong>AFGHANISTAN</strong></td>
<td>(1 project)</td>
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<tr>
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<td>• Strengthening of Non-formal Education Project</td>
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<td><strong>EGYPT</strong></td>
<td>(5 projects)</td>
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<td>• The Water Management Improvement Project in the Nile Delta</td>
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<td>• The Environmental Monitoring Training Project</td>
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<td>• The Project on Upgrading of Metal Processing</td>
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<td>Technology in the Arab Republic of Egypt</td>
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<td>• Improvement of Science and Mathematics Education in Primary Schools</td>
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<td>• Project for Foreign Trade Training Center</td>
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<td><strong>IRAN</strong></td>
<td>(3 projects)</td>
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<td>• The Project of Haraz Agricultural Human Resources Development Center</td>
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<td>• Project on the Energy Management Promotion in Iran</td>
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<td>• Project on the Improvement of Audio-visual Aids and Instruction Methods</td>
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<td>in Vocational Training at the Instructor Training Center (ITC)</td>
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<td><strong>JORDAN</strong></td>
<td>(1 project)</td>
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<td>• The Project for Family Planning and Gender in Development (Phase 2)</td>
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<td><strong>MOROCCO</strong></td>
<td>(2 projects)</td>
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<td>• The Training Center Project for Agricultural Mechanization</td>
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<td>• Establishment of Extension System for Artisan Fisheries in Morocco</td>
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<td><strong>SAUDI ARABIA</strong></td>
<td>(2 projects)</td>
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<td>• Management Plan for Conservation of Juniper Woodlands</td>
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<td>• Saudi-Japanese Automobile High Institute Project</td>
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<td><strong>SYRIA</strong></td>
<td>(2 projects)</td>
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<td>• Project for Capacity Building of Faculty of Veterinary Medicine, Al Baath</td>
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<td>University Project</td>
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<td>• The Establishment of the Water Resources Information Center</td>
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<td><strong>TUNISIA</strong></td>
<td>(2 projects)</td>
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<td>• Project for the Establishment of the Vocational Training Center for the</td>
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<td>Electric and Electronics Industry</td>
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<td>• The Project for Strengthening of Reproductive Health Education</td>
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<td><strong>TURKEY</strong></td>
<td>(5 projects)</td>
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<td>• Project on Improvement of Maritime Education in Turkey</td>
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<td>• The Project for the Fish-culture Development in Turkey</td>
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<td>• Establishment of Industrial Automation Technologies Departments</td>
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<td>in Anatolian Technical High Schools</td>
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<td>• Project on Energy Conservation in the Republic of Turkey</td>
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<td>• Geologic Remote Sensing Project</td>
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<td><strong>YEMEN</strong></td>
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<td>• The Tuberculosis Control Project (Phase 3)</td>
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<td><strong>KENYA</strong></td>
<td>(5 projects)</td>
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<td>• African Institute for Capacity Development (AICAD) (Phase 2)</td>
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<td>• International Parasite Control Project</td>
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<td>• Research and Control of Infectious Diseases Project</td>
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<td>• Strengthening of Mathematics and Science Education in Secondary Schools</td>
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<td>• The Social Forestry Extension Model Development Project for Semi-arid</td>
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<td>Areas in Kenya</td>
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<td><strong>MADAGASCAR</strong></td>
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<td></td>
<td>• The Aquaculture Development Project in the Northwest Coastal Region of</td>
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<td>Madagascar</td>
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<td><strong>MALAWI</strong></td>
<td>(1 project)</td>
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<td></td>
<td>• The Project on Aquaculture and Technical Development of Malawian</td>
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<td>Indigenous Species</td>
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<td><strong>NIGER</strong></td>
<td>(1 project)</td>
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<td>• School For All</td>
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<td><strong>SENEGAL</strong></td>
<td>(4 projects)</td>
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<td>• Project of Safe Water and Support of Community’s Activities</td>
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<td>• High-level Technician (BTS) Training Project at the Senegal-Japan</td>
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<td>Vocational Training Center</td>
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<td>• The Integrated Community Forestry Development Project in Senegal</td>
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<td>• Project for the Development of Human Resources in Health</td>
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<td><strong>SOUTH AFRICA</strong></td>
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<td>• Mpumalanga Secondary Science Initiative (Phase 2)</td>
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<td><strong>TANZANIA</strong></td>
<td>(4 projects)</td>
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<td></td>
<td>• Kilimanjaro Agricultural Training Centre Phase 2 Project in Tanzania</td>
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<td>• Sokoine University of Agriculture Centre for Sustainable Rural Development:</td>
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<td>SCSRDR</td>
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<td>• Strengthening District Health Services in Morogoro Region</td>
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<td>• Strengthening of National Bureau of Statistics in Data Providing Service</td>
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<tr>
<td><strong>UGANDA</strong></td>
<td>(2 projects)</td>
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<tr>
<td></td>
<td>• Nakawa Vocational Training Institute Project in Uganda/ NAVTI</td>
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<td>• Vocational Training for Instructors</td>
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<td><strong>ZAMBIA</strong></td>
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<td>• The Strengthening of Laboratory Systems for HIV/AIDS and TB Control</td>
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<td>Project</td>
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<td>• Lusaka District Primary Health Care Project (Phase 2)</td>
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<td>• Project for Participatory Village Development in Isolated Areas in</td>
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<td>Zambia</td>
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<td>• Cross Border Initiative Project</td>
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</table>
ARGENTINA (8 projects)
- Natural Environment Conservation Project in the Ignazu Area
- The Project of Research and Development of Pejerrey Aquaculture and Propagation
- Aftercare Study for the Research Project at the Faculty of Veterinary Science, the National University of La Plata in Argentina
- The Horticulture Development Project in the Argentine Republic
- Comprehensive Horticultural Experiment Station in Argentina (JICA-CETEFFHO)
- Project on Establishment of Control Capacity for Industrial Wastewater and Waste in the Argentine Republic
- Regional Geologic Mapping with Advanced Satellite Sensors
- The Joint Study on Biological Control of Soil-borne Plant Diseases

BARBADOS (1 project)
- Caribbean Disaster Management

BOLIVIA (7 projects)
- The Project for Strengthening Regional Health Network for Santa Cruz Department
- The Afforestation and Erosion Control Project in the Valley of Tarija in Bolivia
- The Beef Cattle Improvement Project in the Republic of Bolivia
- Improvement of School Education (Child Centered Teaching Project)
- The Mining Environment Research Center Project in the Republic of Bolivia
- Project for the Dissemination of High-quality Rice Seeds for Small-scale Farmers in Bolivia
- Comprehensive Agricultural Experiment Station in Bolivia (CETABOL-JICA)

BRAZIL (8 projects)
- Brazilian Amazon Forest Research Project (Phase 2)
- The Aftercare Program of the Forest and Environment Conservation Research Project in the State of Sao Paulo in the Federative Republic of Brazil
- The Cerrado Ecological Corridor Conservation Project
- Strengthening the Agricultural Technical Support System to Small-scale Farmers in Tocantins State
- The Technological Development Project for Sustainable Agriculture in Eastern Amazonia, Brazil
- The Project for Forest Conservation and Environmental Education in the Eastern Amazon
- Healthy Municipalities Project in Northeast Brazil
- Technology Development for Revegetation and Utilization of Degraded Areas in the Semi-arid Region of the Northeastern Brazil

CHILE (6 projects)
- Enforcement of Japan Partnership Programme (JCP)
- The Development of Benthonic Resources Aquaculture Project in Chile (F-U)
- Project for Strengthening Institutional Capacity of Mining Environmental Management
- The Project on Conservation of the Environment and Rural Development with Farmers’ Participation for the Mediterranean Dryland Zone of Chile
- Improvement of Productivity for the Small Scale Farmers Project in the Republic of Chile
- Rehabilitation for Disabled People Project in the Republic of Chile

COSTA RICA (2 projects)
- Project on Sustainable Fisheries Management for the Gulf of Nicoya in the Republic of Costa Rica
- Project on Productivity Improvement for Enterprises in the Republic of Costa Rica

DOMINICAN REPUBLIC (2 projects)
- Medical Education and Training Project in Dominican Republic
- The Technology Improvement Project for Irrigated Agriculture in the Dominican Republic

ECUADOR (3 projects)
- Project on Conservation of the Galapagos Marine Reserve
- Project for Enhancement of the Volcano Monitoring Capacity in Ecuador
- Project on Improvement of Vocational Training in Ecuador

EL SALVADOR (2 projects)
- Project for Vector Control for Chagas Disease
- The Project for the Strengthening of Agricultural Technology Development and Transfer in El Salvador

GUATEMALA (1 project)
- Project for Vector Control for Chagas Disease

HONDURAS (4 projects)
- Project for Vector Control for Chagas Disease
- The Improvement of Teaching Method in Mathematics
- The Reproductive Health Project in the Health Region Seven in the Republic of Honduras
- The Project for the Promotion of Self Management Enterprise of Women in Rural Area

JAMAICA (1 project)
- The Project for Strengthening of Health Care in the Southern Region

MEXICO (6 projects)
- Project on the Assistance Plan for Small Producers in El Soconusco Region
- The Project for the Improvement of Regional Veterinary Diagnostic Services in the Jalisco State
- Coastal Wetland Conservation in Yucatan Peninsula
- The National Center for Environmental Research and Training Phase 2 in Mexico
- Reproductive Health-prevention of Uterine Cervical Cancer
- The Agricultural Machinery Test and Evaluation Project in Mexico

NICARAGUA (1 project)
- The Project for Strengthening of the Local System of Integral Health Care (SILAIS) of Granada

PANAMA (4 projects)
- Panama Canal Watershed Conservation Project in the Republic of Panama
- The Cattle Productivity Improvement Project in the Republic of Panama
- Water Quality Monitoring Technique
- The Sustainable Agricultural Training and Extension Project in Rural Areas in the Republic of Panama

PARAGUAY (7 projects)
- Project on Upgrading Verification and Inspection Technology in the Area of Mass
- The Research Project on Soybean Production in Paraguay
- Leader training for the Small and Medium-sized Companies
- Strengthening Continuing Education in Nursing and Midwifery in the South of the Republic of Paraguay
- Japan-Paraguay Skill Development Promotion Center
- Comprehensive Agricultural Experiment Station in Paraguay (CETAPAR)
- Improve of the Small-medium Dairy Farm Management Project

TRINIDAD AND TOBAGO (1 project)
- The Project for Promotion of Sustainable Marine Fisheries Resource Utilization in the Republic of Trinidad and Tobago

URUGUAY (1 project)
- Forest Products Testing Project in Uruguay

OCEANIA

FIJI (1 project)
- Information and Communication Technologies (ICTs) Capacity Building at the University of the South Pacific

Part IV
Projects Implemented in FY 2003

Chapter 2

JICA 2004


**ASIA**

**CHINA (1 project)**
- SARS, May 11, 2003, Dispatch of the Expert Team

**INDONESIA (1 project)**
- Earthquake, February 8, 2004, Provision of Disaster Relief Supplies

**REPUBLIC OF KOREA (1 project)**
- Typhoon, September 17, 2003, Provision of Disaster Relief Supplies

**PAKISTAN (1 project)**
- Flood, August 4, 2003, Provision of Disaster Relief Supplies

**PHILIPPINES (1 project)**
- Landslide, December 22, 2003, Provision of Disaster Relief Supplies

**SRI LANKA (1 project)**
- Flood, May 21, 2003, Provision of Disaster Relief Supplies

**MIDDLE EAST**

**ALGERIA (3 projects)**
- Earthquake, May 22, 2003, Dispatch of the Rescue Team
- Earthquake, May 25, 2003, Dispatch of the Medical Team
- Earthquake, June 12, 2003, Dispatch of the Expert Team

**IRAN (3 projects)**
- Earthquake, December 27, 2003, Dispatch of the Rescue Team
- Earthquake, December 27, 2003, Provision of Disaster Relief Supplies
- Earthquake, December 30, 2003, Provision of Disaster Relief Supplies

**IRAQ (1 project)**
- Flood, March 30, 2004, Provision of Disaster Relief Supplies

**SUDAN (1 project)**
- Flood, August 7, 2003, Provision of Disaster Relief Supplies

**AFRICA**

**KENYA (1 project)**
- Flood, May 13, 2003, Provision of Disaster Relief Supplies

**MADAGASCAR (3 projects)**
- Cyclone, May 19, 2003, Provision of Disaster Relief Supplies
- Cyclone, February 27, 2004, Provision of Disaster Relief Supplies
- Cyclone, March 16, 2004, Provision of Disaster Relief Supplies

**LATIN AMERICA**

**ARGENTINA (1 project)**
- Flood, May 1, 2003, Provision of Disaster Relief Supplies

**EUROPE**

**BULGARIA (1 project)**
- The Fermented Dairy Products Development Project in the Republic of Bulgaria

**POLAND (1 project)**
- The Project on Poland Japan Energy Conservation Technology Centre

**ROMANIA (1 project)**
- The Project on the Reduction of Seismic Risk for Buildings and Structures

( Total: 299 projects)

Notes:
1. This list represents implemented projects based on R/D during fiscal 2003, including projects involving dispatch of expert teams. Aftercare projects are excluded from this list.
2. Figures 2 and 3 refer to phrase 2 and 3 (2nd and 3rd term cooperation) respectively. F/U is used to refer to follow-up cooperation.
3. * new project in fiscal 2003

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**Dispatch of Japan Disaster Relief Teams and Provision of Disaster Relief Supplies**

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**Note:** The date listed here refers to the assigned date of dispatch and provision of disaster relief supplies.
JICA Partnership Program

### ASIA

**BANGLADESH (1 project)**
- Craft Production Guidance, Market Research, Sales Skill Guidance, Control of Quality, Management of Organization

**BHUTAN (2 projects)**
- Management of Environmental Education for Conservation
- Mushroom Cultivation Technique

**CAMBODIA (3 projects)**
- Primary Health Care Project in the Rural Cambodia
- Sustainable Agricultural Project by Female Participatory Approach
- Girls Education Project-Samaki Komar 2

**CHINA (19 projects)**
- Project for the Development of Human Resources to Enhance the Understanding of the Present Situation of Visually Handicapped Farmers in Low Income Rural China and an Appraisal of Effective Countermeasures and their Implementation for their Care
- Niigata-Heilongjiang Cold Region Pavement Technology Development Project
- Niigata Heilongjiang Harbin Medical Technology Development Project
- Technology of Water Supply Systems
- Promoting Human Resources Development for Introduction of Cleaner Production in Dalian City
- Improvement of the Early Detection System for Prostate Cancer and Construction of a Standard Treatment System in Changchun, China
- Project on the Investigation for Water Quality of Liaohe River Estuary and Liaodong Bay - Bo Hai
- The Study of Present State and Improvement of Landfill Site in Shandong Province, China
- Management for Fire Fighting and Rescue
- Agricultural Promotion Project in Chao-Yang City Territory
- The Project for Alkaline Soil Improvement of Shari District in China
- Trace Analysis of Endocrine Disrupters
- Water Environment Restoration Project in Taihu Lake
- Technology Transfer of Regional Water Resource Management Project Planning Survey Methods to Jilin Province
- Technical Cooperation of Water Supply for Dalian City
- Urban Environmental Management
- Construction Engineering
- Training Programme of Sewage Works Planning, Designing and Management
- Training for International Economic Exchange Staff from China

**INDIA (1 project)**
- Ceramics Training Program

**INDONESIA (7 projects)**
- Networking the Centers in Indonesia for the Hearing Impaired
- Participatory Irrigation Management System
- Nursing in Primary Health Care (PHC)
- Conservation of Rare and Useful Plant Life
- Internship Program on Japanese Management
- Kyto Prefecture’s Overseas Technical Cooperation
- Fukushima Gender-equal Opportunities Project (Maternal Health)

**KYRGYZSTAN (3 projects)**
- Public Health Service in Cold Regions
- Industrial Transition and Regional Development
- Infrastructure Engineering for Cold Regions

**LAOS (4 projects)**
- Mobile Medical and Dental Service for Leprosy Patients and their Families and also the Technical Instruction Treatment Technique for Lao Medical Staff
- Advanced Technical Aid Project for the Laos
- Local Health Care Support Project in Laos
- Education System Guidance, Survey Trip to School, Practice of Teaching Guidance, Discussion with Japanese Teachers, Education for Disabled Children

**MALAYSIA (1 project)**
- Advanced Technical Aid Project for Malaysia

**MONGOLIA (3 projects)**
- One Village, One Product Movement Bayankhongor Province
- Expert Dispatchment for Compost Production and Vegetable Production
- Internal Department and Obstetric and Gynecology Diagnostic Skill

**MYANMAR (1 project)**
- Technical Training School Project in Bartow

**NEPAL (2 projects)**
- Project for Bringing All Children to Primary School
- Community Development Project Okhaldhunga

**PHILIPPINES (5 projects)**
- Support for Healthcare and Income in the Payatas District
- Build-up of Sustainable Ecosystem through Reforestation and Agroforestry
- Eco-friendly automobile Maintenance Engineering
- Bocaue to Provide Waste Disposal System
- Support to the Present Situation of Visually Handicapped Workers

**SRI LANKA (3 projects)**
- Partnership Program to Improve Early Childhood by Promoting Picture Books in Preschool in Sri Lanka
- Project on Operating a Small Information Center and on Improving and Expanding an Orphanage
- Local Government Administration for Conservation of Natural Environment

**THAILAND (2 projects)**
- Measures for Farming Village Revitalization through Road Station
- Upgrading Training Course for Medical Rehabilitation Professionals

**TIMOR-LESTE (3 projects)**
- Project to Support Coffee Growers in Maubessi District
- Expansion of the Primary Health Care Program
- Community Development Project through Fair-trade Practice in Letefoho Sub-district of Ermera

**UZBEKISTAN (2 projects)**
- HIV/AIDS Prevention Control Project for High-risk Group and Youth in Tashkent City
- Fukushima Uzbekistan Agricultural Technology Exchange Project

**VIET NAM (5 projects)**
- Human Resources Development Project for Promotion of Community Learning Centres
- Integrated Child Development Program
- Environmental and Symbiotic Technologies
- Training of Pediatric Surgeons and Nurses
- Improvement of Waterworks Management

### MIDDLE EAST

**AFGHANISTAN (2 projects)**
- The Installation of Medical Radio Network for Kandahar Region
- Training Project for Kabul Municipality Employees

**EGYPT (2 projects)**
- 2003 Nursing Training Program in Saitama
- Freshwater Fish Farming Training

**TUNISIA (1 project)**
- Project to Support Physical Education in Tunisia

Projects Implemented in FY 2003
AFRICA

KENYA (2 projects)
- Community-based Basic Education Improvement Project in Nuu Division of Mwingi District
- Human-wildlife Conflict: Birikani Women Self Help Group

MADAGASCAR (1 project)
- Training for Leader of Fire Defense Techniques in Republic of Madagascar

MALAWI (1 project)
- Support for Extension of Horticulture Techniques

SOUTH AFRICA (2 projects)
- Schools' HIV/AIDS Peer Education Project
- Tsheseng Village Agricultural Development Project in Free State Province

LATIN AMERICA

ARGENTINA (1 project)
- Bolivar Area Agricultural Promotion Project

BRAZIL (4 projects)
- Project for Strengthening Community Health Services in Amazon Brazil
- The Amazon Eco-school Project
- Improving Life of Local Residents by Teaching Skills to Utilize Natural Fiber in Amazon
- Cooperative Project for Environment in Parana Brazil Project for Environmental Preservation toward Sustainable Development of Coastal Zone

EL SALVADOR (1 project)
- Training Program for Indigo-blue Dyeing

JAMAICA (1 project)
- Seminar on One Village, One Products Movement

MEXICO (4 projects)
- Water Quality Control for Water Supply
- Technical Transfer of Quantitative Evaluation Method on Noise and Odor with Qualitative Sensitivity Values
- Improvement of the Environment of Zumpango Lagoon
- Role of Public Education in Regional Development

PERU (1 project)
- Huaral Health Welfare Improvement Project

OCEANIA

FIJI (2 projects)
- Partnership Program for Human Resource Development in the Field of Social Welfare
- Fire-fighting Technical Course and Mechanical Maintenance Learning Course

MARSHALL ISLANDS (1 project)
- Miyazaki-South Islands International Cooperation Project

PAPUA NEW GUINEA (1 project)
- Technical Training for Officials of Department of Environmental and Conservation of Papua New Guinea

PALAU (2 projects)
- 2003 Saitama Training Program for Nurses of the Republic of Palau
- Cooperation Project for Palau: Project for Environmental Preservation toward Sustainable Development of Coastal Zone

SAMOA (1 project)
- Program for Promotion of Nursing Education and Research in Samoa

EUROPE

HUNGARY (3 projects)
- Technical Transfer on CO2, Sox, Sequestration and Energy Saving Using Clean Coal Technology
- Ceramics Training Program
- Comparison of Stroke in Both Countries and Learning Prevention, Diagnosis and Treatment of Stroke

OTHERS (12 projects)
- Port Management (SRI LANKA, PHILIPPINES)
- Miyazaki-South Pacific Islands International Cooperation Project (MARSHALL ISLANDS, PALAU)
- Citizen Participatory Disaster Mitigation at Water Front City – Yokohama (INDIA, NEPAL, SRI LANKA, PHILIPPINES, INDONESIA)
- Training of Sewerage Maintenance and Management Engineers (VIET NAM, PHILIPPINES, INDIA)
- Community Promotion by Means of Cultivation of Flowers (PARAGUAY, BOLIVIA)
- Capacity Building for Environmental NGO (BANGLADESH, TURKEY, MALAYSIA)
- Port and Urban Development (ROMANIA, MALAYSIA)
- Training Course on Pest Management for Safe and Eco-friendly Agricultural Production (THAILAND, VIET NAM, PHILIPPINES)
- Coexistence with Volcano (PHILIPPINES, INDONESIA)
- Breeding Technology Using Genetic Engineering Techniques (THAILAND, CAMBODIA, VIET NAM)
- Island Medicine (PHILIPPINES, INDONESIA)
- Post Harvest Technology and Processing of Agricultural Products for Farmer's Handmade Manufacture (THAILAND, MALAYSIA, INDONESIA)

Total: 112 projects