





<p>[Development Issue 1-2]</p> <p>Environmental Conservation</p> <p>Addressing Climate Change</p>	<p>[Background and current situation]</p> <p>Brazil is one of the major countries affected to greenhouse gas emission and it has a significant potential to its reduction. On the other hand, Brazil is in danger to be affected by climate change effects due to its dependence on hydropower which represents more than 70% of electricity generation, and agriculture plays an important role in the economy. Therefore, it is required to take both mitigation and adaptation measures to address the climate change.</p>			<p>[Strategy]</p> <p>As measures to mitigate the advance climate change and biodiversity protection, Japan will support forests and natural environment conservation. Also, as a part of climate change mitigation measures, assistance will be provided for promoting the production and utilization of biofuels (bio-ethanol and bio-diesel fuel) with due considerations to environmental and social issues.</p> <p>As a part of climate change adaptation measures, support will be given to the forecast of climate change effects and efforts of adaptation to them.</p>								
	Program	Program Summary	Project	Scheme	Schedule						Assistance Amount (100 Million Yen)	Note
					Before JFY 2013	JFY 2014	JFY2015	JFY2016	JFY2017	JFY2018		
		<p>This program extends support to climate change mitigation measures such as conservation of forests and natural environment as well as promotion of the production and use of biofuels, which reduce greenhouse gas emission. It also provides support measures to facilitate adaptation to the forecast climate change effects.</p>	Social Inclusion through the Incentives to Produce Oleaginous Plants for the Generation of Bio-diesel in the State of Rio Grande do Norte	TCP							3.10	
			Carbon Dynamics of Amazonian Forests	STP							3.90	
			Development of genetic engineering technology of crops with stress tolerance against degradation of global environment	STP							3.60	
			Project for Biodiversity conservation in Amazon based on a new concept of "Field Museum"	STP							5.00	
			Rural Income Enhancement and Environmental Conservation and Rehabilitation in the Amazon through Dissemination and Certification of Successional Agroforestry Systems	JPP								
	Project for Healthy and Sustainable Rural Development in the Western Amazon		JPP									
	Issue-based trainings in related fields		TR									

[Development Issue 1-3]  Disaster Prevention	[Background] Nowadays, there is an increasing amount of floods and sediment disasters as a consequence of heavy rain in Brazil, causing death and injuries. Housing development in high-risky areas contribute to the occurrence of disasters and as a consequence of a surface water discharge due to the expansion of urban areas, and a lack of infrastructure and measures to prevent them are a result of a urbanization without proper attention to risk management. There is an imminent need for establishing disaster monitoring and early warning systems.			[Strategy] Japan will provide assistance and technologies related to disaster risk management aiming at mitigating disaster risks in prominent areas to the occurrence of natural disasters.								
	Program	Program Summary	Project	Scheme	Schedule						Assistance Amount (100 Million Yen)	Note
					Before JFY 2013	JFY 2014	JFY2015	JFY2016	JFY2017	JFY2018		
	Disaster Risk Reduction	This program extends supports to building infrastructure and capacities to manage and reduce natural disaster risks.	Project for Strengthening National Strategy of Integrated Natural Disaster Risk Management	TCP	—						8.00	
		Disaster Prevention, Improve Warning	JPP									
		Issue-based trainings in related fields	TR									

Priority Areas 2	Triangular Cooperation											
Promotion of JBPP	<p>[Background and current situation] Based on the Japan Brazil Partnership Program (JBPP), the triangular cooperation is actively extended in the countries and in thematic areas whose development assistance policies of Japan and Brazil coincide. At the same time, triangular cooperation outside JBPP is also promoted.</p>					<p>[Strategy] In addition to the steady implementation and result dissemination of on-going projects, project formulation and those identified as promising candidates by the two parties at JBPP Planning Committee meetings will be actively implemented. Priority in the project formulation will be given for those areas related to the global issues such as climate change, infectious diseases, food security and public security.</p>						
	Program	Program Summary	Project	Scheme	Schedule						Assistance Amount (100 Million Yen)	Note
	Japan Brazil Partnership Program (JBPP)	Under the framework of JBPP, the three schemes, namely, joint project, joint seminar and third country training program are effectively used and various activities are implemented in the countries and in thematic areas where development assistance policies of Japan and Brazil coincide. At the annual JBPP Planning Committee meeting, both sides agree on the candidate new projects, which are, then, materialized, implemented, monitored and evaluated while keeping dialogues with the beneficiary countries. In response to the growing needs for triangular cooperation under the framework of JBPP, it is necessary to build an effective project management mechanism, and further promote JBPP through formulation, implementation and result dissemination of effective projects.	Training Course on Tuberculosis Managing for Portuguese-speaking African Countries	TTR	Before JFY 2013	JFY 2014	JFY 2015	JFY 2016	JFY 2017	JFY 2018		
			International Course on Best Practices in Non revenue Water Prevention and Control	TTR								
			International Course for Great Rivers Discharge Measurement Techniques	TTR								
			Training Course on Humanized Care for Mother and Newborn	TTR								
			International Training Course on Sustainable Vegetable Production	TTR								
			International Training Course in Sustainable Urban Management Practices	TTR								
			International Training Course on Cashew Crop Production, Post-harvest and Industrial Processing	TTR								
			International Training Course on Agroforestry Systems Technology	TTR								
			International Training Course on Persistent Organic Pollutants of the Stockholm Convention	TTR								
			International Training Course on Capacity Development in Management of South-South and Triangular Cooperation	TTR								
	International Training Course on Structuring of the Pan-Amazon Technical Cooperation for Strengthening Environmental Monitoring of Mercury in the Public Health Network	TTR										
	Project of Value-added Agriculture and Forestry for Improvement of the Livelihood of Small scale farmers in Northern La Paz (Bolivia)	TCP							2.70	JBPP joint project		
	Assistance for Activity of Community Police according to the Japanese Model (Honduras)	EXP										
	Capacity Development on Non Revenue Water Control for Nicaraguan Company of Aqueducts and Sewer Systems (Nicaragua)	EXP										
	Project for Strengthening the Health System through Human Resources Development in Josina Machel Hospital and other Health Facilities and Revitalization of Primary Health Care in Angola (Angola)	TCP							3.00	JBPP joint project		
	Project for Improving Research Capacity for Nacala Corridor Agriculture Development -ProSAVANA-PI (Mozambique)	TCP							6.00	JBPP joint project		
	Project for Establishment of Development Model at Communities' Level under Nacala Corridor Agricultural Development -ProSAVANA-PEM (Mozambique)	TCP							12.00	JBPP joint project		
	Support for Agricultural Development Master Plan for Nacala Corridor in Mozambique - ProSAVANA-PD (Mozambique)	TCDP							4.80	JBPP joint project		

Others											
Program	Program Summary	Project	Scheme	Schedule						Assistance Amount (100 Million Yen)	Note
				Before JFY 2013	JFY 2014	JFY2015	JFY2016	JFY2017	JFY2018		
Human Resource Development in Industry	This program extends the support to human resource development in industry which is one of the bottleneck for the Brazilian economic growth.	Project on Promotion and Capacity Development of professionals for Ship building Industry and Offshore Development	TCP		—	—	—	—	—	6.14	
		Issue-based training in related fields	TR		—						
Others		Project for Development of Psychological Support for Returnee Dekasegi and Their Children in the State of São Paulo	JPP		—						
		Education Support for Children Living in Poverty in Rio de Janeiro	JPP		—						
		Local power improvement project by the child care support system reinforcement in northeastern Brazil	JPP		—	—					
		Project for Horticultural Therapy for the Inclusion of People with Disabilities	JPP		—	—					
		Therapeutic and Educational Project for Autistic Children through Supporting PIPA School for Autistic Children	JPP		—	—					
		Youth Volunteers for Nikkey Communities	JOCV		—						
		Senior volunteers for Nikkey communities	SV		—						
		Project for Capacity Development of Post-harvest and Marketing Practices in Jaiba Region	TCP		—	—				2.50	
		Collaboration Program with the Private Sector for Disseminating Japanese Technology and training on treating Coronary Artery diseases by Transradial Intervention	JPP		—	—					
		Collaboration Program with the Private Sector for Disseminating Japanese Technology for Smart Healthcare to prevent lifestyle diseases in Curitiba	JPP		—	—					
Survey on the local production of Portable X-Ray Equipment	JPP		—	—							
Issue-based trainings in other fields	TR		—								

Legend: [PS] = Preparatory Survey, [DD] = Detailed Design by TARTOL, [TCP] = Technical Cooperation Project, [TCDP] = Technical Cooperation for Development Planning (and Development Study), [EXP] = Expert, [EQ] = Equipment, [CTR] = Country-focused Training, [TR] = Issue-based Training / Training Program for Young Leaders, [JOCV] = Japan Overseas Cooperation Volunteers, [SV] = Senior Volunteers, [TEXP] = Third-country Expert, [TTR] = Third-country Training, [STC] = Science and Technology Cooperation on Global Issues, [JPP] = JICA Partnership Program, [xx-TA] = Technical Assistance implemented by organizations other than MOFA and JICA, [GA] = Grant Aid (other than specific grant aid schemes listed below), [NPGA] = Non-Project Grant Aid, [GHGA] = Grassroots Human Security Grant Aid, [JNGA] = Grant Aid for Japanese NGO's Projects, [CGA] = Cultural Grant Aid, [GCGA] = Grassroots Cultural Grant Aid, [LA] = Loan Aid (ODA Loan), [ML] = Multilateral Cooperation, [TARTOL] = Technical Assistance Related To ODA Loan, Solid Line [-----] = Schedule, Dash Line [- - - -] = Tentative Schedule