

# Japan's ODA: Rolling Plan for Papua New Guinea

As of April, 2016

[Basic Policy of Assistance] Achievement of Sustainable Economic Growth and Improvement of the Living Standard by Strengthening of the Basic Socio-Economic Foundation in Papua New Guinea												
[Priority Area 1 ]	Strengthening of the Foundation of Economic Growth											
[Development Issue]	[Background] There are many remote islands and vast mountainous areas in PNG and basic infrastructures such as transportation, power and water supply are inadequate. As a result, access to social services and growth in household income has been limited. In addition, underdeveloped transportation infrastructure is causing high transportation costs, which leads to high commodity prices. Furthermore, since existing infrastructures are not appropriately maintained, they are vulnerable to natural disasters. Therefore, improvement of basic infrastructure for transportation, power and water supply and enhancement of maintenance capacity are necessary for development of domestic industries.				[Japan's Assistance Policy] Japan will support sustainable economic growth through assisting development and maintenance of transport and traffic infrastructure such as roads, ports, airports and energy and electricity infrastructure including renewable energy, such as power plants and power grid systems, which are essential for improving the foundation of people's livelihood and reinforcing economic activities. Assistance in this sector is planned and implemented taking into account the possibility of Grant Aid and ODA Loan funded projects. Japan will promote effective and efficient infrastructure development through aid coordination and information sharing with other donors.							
	Program	Program Summary	Project	Scheme	Schedule						Assistance Amount (100 Million Yen)	Note
					Before JFY 2015	JFY 2016	JFY 2017	JFY 2018	JFY 2019	JFY 2020		
Strengthening of the Socio-Economic Infrastructure	Economic Infrastructure Development and Maintenance	This program aims to develop social and economic foundation including transport and traffic infrastructure (e.g. roads, bridges, ports and airports), power and energy infrastructure (e.g. power stations and power grids). Maintenance capacity also needs to be strengthened through technical training.	The Project for Improvement of Road Maintenance Equipment	GA	█						8.64	
			The Project for the Reconstruction of Bridges on New Britain Highway	GA	██████████						31.60	
			Ramu Transmission System Reinforcement Project	LA	████████████████████						83.40	
			Nadzab Airport Redevelopment Project	LA	████████████████████						269.42	
			The Project for Capacity Development on Road Maintenance	TCP	██████████						4.00	
			The Project for Capacity Development on Materializing the Specialized Technical Training Programs for Department of Works Staff	TCP	.....							
			The Project for Capacity Development of Department of Transport in Port Policy and Administration	TCP	██████████							
			Project for Formulation of Ramu System Power Development Master Plan and Lae Area Distribution Network Improvement Plan	TCDP	██████████						3.96	
			Project for the Study on Lae-Nazab Urban Development Plan	TCDP	██████████							
			Grassroots Human Security Grant Aid on Economic Infrastructure Sector	GGP	██████████						0.40	
			Development Plan Advisor	EXP	.....							related another program
			Training programs on Economic infrastructure	TR	██████████							
			Economic Social development Plan	GA	██████████						3.00	
			Economic Social development Plan	GA	██████████						5.00	

[Development Issue]	<p>[Background]</p> <p>While mining sector is developed by using abundant natural resources, rural areas, where 85 % of the population is living, are basically self-sufficient and developing only primary industries predominantly but no processing industries.</p> <p>Residents in rural area, where inadequate transport access, are still living in difficult conditions with little opportunity to improve agricultural techniques and sell their own products in markets.</p> <p>It is required to conduct activities related stimulation of economic activities and social stability through predominantly infrastructure development, as well as environmental improvement of investment and business promotion, strengthening governance, promotion of working opportunity by technical capacity building.</p>			<p>[Japan's Assistance Policy]</p> <p>Japan will encourage to promote efficient and effective sustainable economic growth through assisting activities, which contribute to social stability, and technical support for contributing to expansion of investment, trade promotion, improvement of economic assistance efficiency and sector development.</p> <p>Japan will also encourage to strengthen foundation of people's livelihood in rural area, where most of the population is living, through assisting income expansion by commercial and industry promotion, taking into account the aspects of sustainable development of Agriculture, Forestry and Fisheries.</p> <p>In order to improve investment and trade environment for Japanese company's advance, Japan will assist capacity building for PNG industries, strengthening of management system of products quality and promoting of participatory development predominantly with community.</p>								
Stimulating of economic activities	Program	Program Summary	Project	Scheme	Schedule						Assistance Amount (100 Million Yen)	Note
	Industrial Promotion	<p>The program aims to encourage industrial promotion by improving investment and trade environment. Japan will support expansion of processing technique such as Agriculture, Forestry and Fisheries and improving commercial management.</p> <p>Japan also will support promoting of participatory development which contributes to enhancing ownership of community and strengthening the power of community autonomy. Japan will further support promoting of sustainable development through improvement of public commercial facilities.</p>	The Project for Rehabilitation of Madang Town Market	GA	Before JFY 2015	JFY 2016	JFY 2017	JFY 2018	JFY 2019	JFY 2020	10.04	
			Project for Rehabilitation of Alotau town Market and Fisheries Facilities	PS								
			PNG Social and Economic Empowerment for Women in Mining and Petroleum Areas	ML							2.07	WB-JSDF
			Dispatching Volunteers for Vocational training, Human Resource Development	JOCV, SV								
Training Programs on Promotion of Economical Activities and on Community Development			TR									

[Priority Area 2]	Improvement of Social Services											
[Development Issue]	<p>[Background]</p> <p>PNG's education sector faces issues such as low enrolment and retention in both primary and secondary education, and low adult literacy rate of 58.6%. Distance to schools, parents' attitude towards education and cost of schooling are examples of barriers to education. Specialized human resources such as engineers that will be the driving force of industry are far insufficient. The Government of PNG aims to provide nine years basic education for all children.</p> <p>Increasing access to education and improving quality of education are among the imperative tasks, which should be realized by measures such as curriculum development, improvement of lesson quality and number of teachers, development of educational facilities, and reduction of educational administrative costs.</p>				<p>[Japan's Assistance Policy]</p> <p>In the education sector, Japan will support strengthening the education system and capacity building with focus on quality enhancement and facilities improvement at primary and secondary education, as well as upgrading the higher education and strengthening technical and vocational education and training, taking into account Japan's education cooperation policy 2016-2020.</p> <p>Japan participates in the education Sector Wide Approach (SWAP). Grant Assistance for Grassroots Human Security Projects is also utilized in the education sector.</p>							
Strengthening of Capacity for Equitable Quality Education	Program	Program Summary	Project	Scheme	Schedule						Assistance Amount (100 Million Yen)	Note
	Remote and Islands Areas Education Support Program	This program aims to improve primary and secondary education by upgrading quality of teachers, classroom teaching and curriculum development. Use of education media and distance education is applied as one of the approaches to reach the unreached. Access to education will be improved also by upgrading educational facilities.	Improvement of Quality of Teaching Materials (Process of Material Development)	TR	Before JFY 2015	JFY 2016	JFY 2017	JFY 2018	JFY 2019	JFY 2020		
			Improvement of Quality of Teaching Materials (Analysis)	TR								
			Pacific Leaders' Educational Assistance for Development of State(Pacific-LEADS)	TR								
			Education Policy Advisor	EXP			.....					
			Grassroots Human Security Grant Aid on Education Sector	GGP							0.20	
			Dispatching Volunteers as Science & Math teachers, Japanese Language teachers, etc.	JOCV, SV								
			Training Programs on Education	TR								
Improving the Quality of Mathematic and Science Education in Papua New Guinea			TCP							5.00		
[Development Issue]	<p>[Background]</p> <p>High occurrence rates of infection diseases and a high rate of infant and maternal mortality are still serious problems in rural areas of PNG, due to a lack of health and medical services and low vaccination rate. The problems are compounded by closure or insufficient operation of medical facilities caused by a lack of operational budgets, their staff, drugs and deteriorated facilities.</p> <p>Improvement of medical facilities and equipment, and increase of the number of medical staffs as well as improvement of their quality are urgently required in order to improve health and medical services.</p>				<p>[Japan's Assistance Policy]</p> <p>Japan will promote betterment of health through assistance in improvement of medical systems, measures against infectious diseases, and training of medical personnel in rural areas in line with National Health Policy 2011-2020. Japan will continue dispatch of volunteers and provisions of equipment and grassroot assistance program in order to improve the quality of medical services, to promote awareness of preventive health care and to provide opportunities for training.</p>							
Improvement of Health and Medical Services	Program	Program Summary	Project	Scheme	Schedule						Assistance Amount (100 Million Yen)	Note
	Health and Medical Program for Islands Region	This program aims to institutionalise health care services accessible in rural areas by improving the quality of services and promotion of awareness of preventive health care including infant infectious diseases, measles, malaria, filariasis, HIV/AIDS and tuberculosis.	Provision of Specific Medical Equipment for Pacific Program to Eliminate Lymphatic Filariasis(PACELF)	EQ								
			Dispatching Volunteers for Rural Development and Rural Healthcare etc.	JOCV, SV								
Training Programs on Health and Medical Treatment			TR									
The others	The others	The others	Grassroots Human Security Grant Aid on Other Sector	GGP							0.07	

[Priority Area 3 ]	Environment and Climate Change												
[Development Issue]	<p>[Background] A concern has been highlighted on deterioration of natural environments and living conditions caused by development of natural resources and rural-to-urban migration. A particular concern has been directed to under-development of infrastructure such as waste disposal and sewerage systems in urban areas. Rehabilitation of a waste dump site, improvement of management of waste collection and development of sewerage need to be addressed urgently.</p>				<p>[Japan's Assistance Policy] Japan will promote to build a recycle-oriented society through assistance to improve public hygiene, living environment and protection of natural environment in islands nation such as PNG that are vulnerable to changes of environment. Japan assists with improvement of capacity of waste management within the framework the Regional Technical Cooperation Program Phase 2 from 2016 for the 11 Island countries, aligning with the Waste Management Strategy 2016-2020 after the Waste Management Strategy 2011-2015 for the Pacific Islands region initiated by SPREP (South Pacific Regional Environment Program). In PNG, Japan supports the improvement of waste management capacity of NCD and Local Cities, and Capacity Development on Mine waste.</p>								
Environment Conservation	Program	Program Summary	Project	Scheme	Schedule						Assistance Amount (100 Million Yen)	Note	
					Before JFY 2015	JFY 2016	JFY 2017	JFY 2018	JFY 2019	JFY 2020			
	Formulation of Recycling-Oriented Society in Islands	Japan assists to implement measures addressing waste management of the Government of PNG in order to achieve the goals set by the Pacific Regional Programs.	Training Programs on Recycling-Oriented Society Related Issue	TR	-----								
			Project for Promotion of Regional Initiative on Solid Waste Management in Pacific Islands Countries Phase2(J-PRISM)	TCP	-----								Regional Project
	Natural Environment Conservation	Japan assists Government of PNG to implement measures addressing protection of natural environment and living conditions.	Port Moresby Sewerage System Upgrading Project	LA	-----							82.61	
			The Project for Biodiversity Conservation through Implementation of the PNG Policy on Protected Areas	TCP	-----							5.50	
The Project for Capacity Development on Mine Waste Management			TCP	-----									
Training Programs on Natural Environment Rrelated Issue			TR	-----									
[Development Issue]	<p>[Background] 71% of land is covered by forest in PNG. Recently, PNG's forest has been deteriorating due to logging and clearing the land for small agricultural development. To address this problem, the PNG government has set up the Office of Climate Change and Development, and in an international arena, PNG has co-chaired the REDD+ Partnership with Japan. However, PNG's capacity of forest management is still inadequate up to date, while PNG Government also works to conserve forest resources. The reinforcement of capacities of institutions such as PNG Forest Authority for better management of forest resources is required.</p>				<p>[Japan's Assistance Policy] Japan will promote measures to facilitate adaptation and mitigation against climate change alongside of efforts made by REDD+ programs through assistance in forest management, introduction of renewable energy, and measures against disasters. In the area of climate change adaptation, Japan will provide equipment and technical cooperation assistance in order to develop forest inventory.</p>								
Climate Change Measure	Program	Program Summary	Project	Scheme	Schedule						Assistance Amount (100 Million Yen)	Note	
					Before JFY 2015	JFY 2016	JFY 2017	JFY 2018	JFY 2019	JFY 2020			
	Japan assists with the efforts made by the PNG government in its measures against climate change and management and maintenance of forest resources.	Japan assists with the efforts made by the PNG government in its measures against climate change and management and maintenance of forest resources.	Capacity Development Project for Operationalization of PNG Forest Resource Information Management System for Addressing Climate Change	TCP	-----							7.00	
			Training Programs on Forest Conservation and Climate Change Related Issues	TR	-----								
	The others	The others	The Project of Solar Power Generation and Seawater Desalination(RO) System	ML	-----							3.96	PEC
The Project for Capacity Development to Develop National GHG inventories			TCP	-----									
Long-term Training Program for Human Resources Development in Mining Sector			CTR	-----									

Legend: [PS] = Preparatory Survey, [DD] = Detailed Design, [TCP] = Technical Cooperation Project, [TCDP] = Technical Cooperation for Development Planning, [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, [ICT] = In-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, [GGP] = 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, Solid Line [-----] = Schedule, Dash Line [- - - -] = Tentative Schedule