

Development Issue
1-1
Quality
Infrastructure
Development

Program for
infrastructure
development such
as logistics and
transportation

ASEAN-Japan Port Technology Joint Research Project	MLIT-TA		-	-		
Port Development Policy Advisor	EP		-	-		
Technical Cooperation Project for the Indonesian Shipbuilding Industry Modernization	TCP		-	-		
Technical Cooperation Project on Port EDI Enhancement Strategy in the Republic of Indonesia	TCDP		-	-	2.50	
The Project for Review of the Study for Maritime Traffic Safety System Development Plan	TCDP		-	-		
Patimban Port Development Project (1)	LA		-	-	1189.06	
Preparatory Survey on Patimban Port Development Project	PS		-	-		
The Detailed Design Study for New Port Development Project in Eastern Metropolitan Area	DD		-	-		Technical Assistance related to Japanese ODA Loan
The Project for Improvement of Aviation Safety and Efficiency	TCP		-	-	3.50	
Expert on Road Policy	EXP		-	-		
Project for Technical Cooperation for Improvement of Regency/Municipality Roads Governance	TCP		-	-		
Bandung Intra Urban Toll Road Project	LA		-	-		
Project for Strengthening Function of Toll Road Agency	TCP		-	-		
Preparatory Survey for Development of New Tunnels Alignment in Payakumbuh - Pangkalan Toll Road	PS		-	-		
Preparatory Survey on Cikarang New Urban Transportation System Project	PS		-	-		Public Private Partnership Infrastructure
KPPIP Support Facility	TCP		-	-	13.15	
Verification Survey for Introduction of the Ground Improvement with the Middle Layer Soil Mixing Method for Development of Transport Infrastructure	SDGs BVS		-	-		
Digital Broadcasting	CTR		-	-		
Broadcasting Policy Advisor	EXP		-	-		
Issue-based Training on Transportation	TR		-	-		

[Background and current situation]
 The sustainable development of Indonesia's society and economy requires further growth led by the private sector, which can only be achieved by an improved business and investment environment. Urgent improvement is needed in the area of transparency and stability of various legal systems (incl. tax, customs, labor, intellectual property, etc.), administrative procedures, and professional human resource development.

[Strategy]
 Japan supports the improvement of the business and investment environment in Indonesia through institutional enhancement and capacity building for operating systems relating to taxation, customs clearance and duties, intellectual property rights, competition policy, SME promotion, human resource development, labor, tax affairs, finance, etc., based on Japan's economic policies and the private sector needs of both countries. In addition, Japan provides cooperation on industry promotion measures while promoting closer industry coordination between the two countries. In doing so, Japan ensures that the cooperative efforts remain in line with the Japan-Indonesia Economic Partnership Agreement (EPA).
 Japan supports the cultivation of high-skilled personnel by assisting institutions committed to educational and human resource development -- with a focus on universities built by Japan in Indonesia -- enhance their capacity to cultivate human resources and conduct research that meets the economic growth stage and needs of Indonesia. Furthermore, Japan is capitalizing on the existing institutional networks between universities in Japan and ASEAN to strengthen people-to-people links between Japan and Indonesia. Japan makes contribution to achieve the SDG 4 (Education), SDG 8 (Growth and Employment), SDG 17 (Partnerships) and etc. through these policies.

Japan's Assistance Program	Program Summary	Project	Scheme	Schedule						Assistance Amount (100 Million Yen)	Note	
				Before JFY 2019	JFY 2020	JFY 2021	JFY 2022	JFY 2023	JFY 2024			
Development Issue 1-2 Improved Business Environment and Human Resource Development	Program for the improvement of business environment-related systems	Investment Promotion Policy Advisor	EXP	██████████	██████████	██████████	-	-	-	-	-	
		Industrial Development Advisor	EXP	██████████	██████████	██████████	-	-	-	-	-	
		Labor Policy Advisor	EXP	██████████	██████████	██████████	-	-	-	-	-	
		Project on Intellectual Property Rights Protection and Legal Consistency for Improving Business Environment	TCP	██████████	██████████	██████████	-	-	-	-	-	5.40
		Project for Developing Electronic Testing Laboratories and LED Industry in Indonesia	TCP	██████████	██████████	██████████	-	-	-	-	-	
		Advisor for Capacity Development on Tax Administration	EXP	██████████	██████████	██████████	-	-	-	-	-	
		Dispatch of Volunteers in the field of improvement of business environment-related systems	JOCV	██████████	██████████	██████████	-	-	-	-	-	
		Issue-based Training on Private Sector Development	TR	██████████	██████████	██████████	-	-	-	-	-	

<p>The program is aimed at improving Indonesia's international competitiveness and strengthening people-to-people links between Indonesia and Japan through assisting the cultivation of personnel who will play leading roles in industrial and academic fields in Indonesia.</p> <p>Program for industrial and professional human resource development</p>	Project for Assistance to the establishment of the Indonesia Accreditation Board for Engineering Education (IABEE)	TCP	██████████	-	-	-	-	-	3.95	
	Development of World Class University with Socio Entrepreneurial Spirit at Universitas Gadjah Mada	LA	████████████████████	-	-	-	-	-	83.09	
	Development of Bandung Institute of Technology (III)	LA	██████████████	-	-	-	-	-	56.59	
	Hasanudin University Engineering Faculty Development	LA	███	-	-	-	-	-	78.01	
	Project for Capacity Building in Engineering, Science and Technology (CBEST) at Hasanuddin University in the Eastern Part of Indonesia	TCP	██████	-	-	-	-	-	3.20	
	ASEAN University Network/Southeast Asia Engineering Education Development Network (AUN/SEED-Net) Project Phase 4	TCP	████████████████████	-	-	-	-	-	40.00	
	Maritime Instructors' Training Scheme	MLIT-TA	███	-	-	-	-	-		
	Industry Skills for Inclusive Growth (InSIGHT Project Phase2)	ML	██████████████	-	-	-	-	-		Financed by MHLW through ILO
	Dispatch of Volunteers in the field of industrial and professional human resource development	JOCV	████████████████████	-	-	-	-	-		
	Issue-based Training on Human Resource Development for Industrial Development	TR	██████████████	-	-	-	-	-		
Seminar on Improvement of Banking/Securities/Insurance Supervision	FSA-TA	██████████	-	-	-	-	-			

Priority Area 2	Assistance for realizing a safe and fair society through balanced development	
	<p>[Background and current situation]</p> <p>In regional areas where development is lagging, there is a need to improve the infrastructure that supports livelihoods in order to enhance the quality of life. In addition, there are wide gaps between Java and the other regions in terms of population, industry, income level, and so on. In order to achieve both sustainable economic growth and social stability, it is necessary to promote balanced development and to enhance quality of life.</p>	<p>[Strategy]</p> <p>Japan is cooperating to enhance quality of life by supporting the improvement of the living environment, such as through water supply, sewerage management and waste disposal systems, and to correct regional disparities and promote balanced development by supporting local industries, such as agriculture and fisheries. In addition, Japan supports the improvement and strengthening of systems and organizations that contribute to the promotion of development in regional areas and reduction of economic disparities by utilizing the achievements of past assistance projects. Japan makes contribution to achieve the SDG 1 (Poverty), SDG 6 (Water and Hygiene), SDG 10 (Inequalities), SDG 12 (Production and Consumption), SDG 14 (Life Below Water) and etc. through these policies.</p>

Feasibility Survey for the Treatment System of Highly Concentrated Effluent	SDGs BMFS	██████████	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feasibility Survey for Cleaning of Urban Water Supply Pipes to Improve Water Quality and Supply Capacity in Indonesia	SDGs BMFS	███	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JICA Partnership Program in the field of improvement of living environment	JPP	██████████████████	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dispatch of Volunteers in the field of improvement of living environment	JOCV	████████████████████	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Collaboration Program with the Private Sector for Disseminating Japanese Technology for Activated Carbon Fibers (ACF) Air Purification Unit	PCP-TC	██████	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Issue-based Training on Water Resources	TR	██████████	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

[Background and current situation]
 In Indonesia, natural disasters such as earthquakes, tsunamis, volcanic eruptions, floods and landslides occur frequently, and many damages occur every year. Disaster risk reduction requires initiatives that address the capacity building of Indonesia's National Disaster Management Agency (BNPB) and Regional Disaster Management Bureau (BPPD), which are responsible for disaster risk reduction administration, flood management through comprehensive water resource control, and the establishment of a system that ensures houses are earthquake-resistant. In addition, Indonesia is aiming to provide quality administrative services and realize a safe and fair society in accordance with the promise made by the current administration to deliver effective governance and to establish a clean and reliable government.

[Strategy]
 Japan and Indonesia are both natural disaster-prone countries. In accordance with the decision made by the United Nations to designate the 5th of November as "World Tsunami Awareness Day," Japan and Indonesia strive to build a cooperative relationship to share our experiences and knowledge with the world based on lessons learned from the Great East Japan Earthquake of 2011 and the reconstruction efforts in the aftermath of the Indian Ocean Earthquake and Tsunami of 2004. The assistance extends focuses on improving the disaster risk reduction capability of the Jakarta metropolitan area, which is the center of Indonesia's politics and economy. Regional assistance for disaster risk reduction will be implemented while building on the relationship with the ASEAN Coordinating Center for Humanitarian Assistance on Disaster Management (AHA Center) in Jakarta and others. In addition, Japan is cooperating to strengthen the capacity and systems for improving administrative functions in various sectors, such as social security and civilian police activities, related to the creation of a safe and fair society, and to address the SDGs that engage with sustainable and balanced development in a wide range of areas. Japan makes contribution to achieve the SDG 9 (Innovation), SDG 11 (Cities), SDG 16 (Peace) and etc. through these policies.

Development Issue
2-2 Enhancement
of disaster risk
reduction and
administrative
functions to
achieve a safe and
fair society

Japan's Assistance Program	Program Summary	Project	Scheme	Schedule						Assistance Amount (100 Million Yen)	Note			
				Before JFY 2019	JFY 2020	JFY 2021	JFY 2022	JFY 2023	JFY 2024					
	This program aims to realize a safe and fair society by improving disaster risk reduction capabilities in regions at high risk of disaster, such as regions where disasters occur frequently or are densely populated and have high industry concentration. In addition, the program offers assistance to improve disaster risk reduction capacity at each stage, such as prevention (preparations), emergency response, and recovery and reconstruction, with a focus on assistance for the development of disaster risk reduction infrastructure and enhancement of a comprehensive disaster risk reduction system. The program also provides assistance to train executive officers and enhance administrative capacity to ensure that citizens can enjoy quality services in the area of public safety, social security, and so on.	Integrated Water Resources Management Policy Advisor	EXP	■	■	-	-	-	-	-	-		Technical Assistance related to Japanese ODA Loan	
		Countermeasure for Sediment in Wonogiri Multipurpose Dam Reservoir (II)	LA	■	■	■	-	-	-	-	-	49.54		
		Upper Citarum Basin Flood Management Sector Loan	LA	■	■	-	-	-	-	-	-	33.11		
		Urban Flood Control System Improvement in Selected Cities (Phase 2)	LA	-	■	■	■	■	■	■	■	72.99		
		Project for Support for JKT's Response to Land Subsidence through Strengthening Capacity for Sustainable Groundwater and Surface Water Management	TCDP	■	■	■	-	-	-	-	-	7.70		
		Disaster Risk Reduction Policy Advisor	EXP	-	■	■	■	■	-	-	-			
		Urgent Disaster Reduction Project for Mount Merapi and Lower Progo River Area II	LA	■	■	■	■	-	-	-	-	51.11		
		Project for Improvement of Equipment for Disaster Risk Management	GA	■	■	-	-	-	-	-	-	15.00		
		The Project for Strengthening Disaster Prevention Information System	GA	■	■	■	■	■	■	■	■	19.89		
		The Economic and Social Development Programme	GA	■	■	-	-	-	-	-	-	6.00		
		Project for Development of Regional Disaster Risk Resilience Plan in Central Sulawesi	TCDP	■	■	■	-	-	-	-	-	11.00		
		The Programme for the Reconstruction of Palu 4 Bridges in Central Sulawesi Province	GA	■	■	■	■	■	■	■	■	25.00		
		Infrastructure Reconstruction Sector Loan in Central Sulawesi Province	LA	-	■	■	■	■	■	■	■	279.70		
		Disaster Resilience Enhancement and Management Program Loan (DREAM)	LA	-	■	■	-	-	-	-	-	318.00		
		Project for Capacity Development on Operation of Earthquake and Tsunami Analysis and Warning Dissemination	TCP	■	■	■	■	-	-	-	-			
	The Project for Enhancement of Disaster Risk Reduction through Improvement of the Disaster Risk Information and Communication Framework in Indonesia	TCP	■	■	■	■	-	-	-	-				

Priority Area 3 Assistance for building capacity to address issues of the Asian region and international society

[Background and current situation]
Indonesia's greenhouse gas (GHG) emissions are said to be the fifth largest in the world after China, the United States, India, and Russia as of 2012, when carbon dioxide emissions from deforestation, peatland degradation and other causes are included. At the COP21 of the UN Framework Convention on Climate Change held in Paris in 2015, Indonesia set itself a national goal of reducing GHG emissions by 29% by 2030, and declared climate change countermeasures as an important policy issue. Specifically, the loss of forests and the occurrence of peat fires are serious issues that need to be addressed. In addition, Indonesia also recognizes that further efforts, such as introducing energy-saving technologies, are needed to realize a low-carbon society.

[Strategy]
In order to promote climate change mitigation and adaptation measures, Japan is supporting the improvement and development of policies and systems, government capacity building, and the introduction and development of low-carbon technologies, while also leveraging Japan's strengths. In terms of mitigation measures, Japan is supporting measures relating to forests and peatlands, energy, and transportation. Japan is also ensuring that any assistance provided is in line with the progress of bilateral cooperation frameworks, such as the Joint Crediting Mechanism. In terms of adaptation measures, Japan is cooperating with the Indonesian government on the management of water resources and introduction of agricultural insurance, among others. Japan is also cooperating on biodiversity conservation, including the effective use of biological resources. Japan makes contribution to achieve the SDG 13 (Climate Change), SDG 15 (Life on Land) and etc. through these policies.

Japan's Assistance Program	Program Summary	Project	Scheme	Schedule						Assistance Amount (100 Million Yen)	Note
				Before JFY 2019	JFY 2020	JFY 2021	JFY 2022	JFY 2023	JFY 2024		
Development Issue 3-1 Response to climate change and conservation of the natural environment	The program provides assistance to create a system designed to reduce greenhouse gas emissions and reduce the negative impacts of climate change. Japan is cooperating to support the curbing of deforestation and forest degradation, peatland restoration, the promotion of high efficiency energy, energy saving, and alternative energy, a shift to public transport, an integrated management of water resources, the introduction of agricultural insurance, and so on with a focus on capacity building and the improvement and development of policies and systems. The program also offers cooperation on biodiversity conservation, including the effective use of biological resources.	Non-Project Grant Aid for Provision of Japanese Next Generation Eco-Friendly Vehicles	GA	█	█	█	-	-	-	15.00	
		Project of Capacity Development for the Implementation of Climate Change Strategies (2nd Phase)	TCP	█	█	█	-	-	-	3.00	
		Project of Capacity Development for the Implementation of Agricultural Insurance	TCP	█	█	█	-	-	-	6.00	
		The Project for Development and Implementation of New Damage Assessment Process in Agricultural Insurance as Adaptation to Climate Change for Food Security	STC	█	█	█	-	-	-	2.50	
		Project for Analysis and Mapping of Impacts under Climate Change for Adaptation and Food Security through South-South Cooperation	ML	█	-	-	-	-	-		Financed by MAFF through FAO
		Project for Climate Change Adaptation through Development of a Decision-Support tool to guide Rainfed Rice production	ML	█	█	-	-	-	-		Financed by MAFF through IRRI
		The Project for Assessing and Integrating Climate Change Impacts into the Water Resources Management Plans for Brantas and Musi River Basins	TCP	█	-	-	-	-	-	5.50	
		The Project for Producing Biomass Energy and Material through Revegetation of Alang-alang (Imperata cylindrica) Fields	STC	█	█	█	-	-	-	3.00	
		The Project for Comprehensive Assessment and Conservation of Blue Carbon Ecosystems and Their Services in the Coral Triangle (BlueCARES)	STC	█	█	█	-	-	-	4.48	

Development Issue
3-2
Response to
issues in the Asian
region and the
international
community

[Background and current situation]			[Strategy]										
As a member of the G20, Indonesia has a stronger voice in the world politics and economy, and has been proactive in addressing international and regional issues, as well as in fostering South-South cooperation. In particular, Indonesia is expected to play a leading role in policy coordination and institutional improvement within ASEAN, as well as to share its experiences of democratization with other ASEAN members.			Japan is providing assistance for capacity building in relation to maritime security and counterterrorism measures, as well as countermeasures against emergent infectious diseases, which are important not only for Indonesia but also its neighboring countries, including Japan. In addition, Japan is strengthening bilateral cooperation to address international issues, and is supporting Indonesia as a partner to improve its capacity to extend aid to other countries and become an aid donor country. Japan makes contribution to achieve the SDG 3 (Health), SDG 5 (Gender) and etc. through these policies.										
Japan's Assistance Program	Program Summary	Project	Scheme	Schedule						Assistance Amount (100 Million Yen)	Note		
				Before JFY 2019	JFY 2020	JFY 2021	JFY 2022	JFY 2023	JFY 2024				
Program to address issues in the Asian region and the international community	The program supports the improvement of Indonesia's capacity to address international and regional issues (maritime security and counterterrorism measures, countermeasures against infectious diseases, etc.). In addition, Japan is supporting Indonesia to improve its capacity to extend aid to other countries through triangular cooperation and other means, so that Indonesia can also become a donor country.	Technical Cooperation Project on Enhancing of Vessel Traffic Service System Management Capacity Phase 2	TCP	■	-	-	-	-	-	-			
		Capacity Development of BAKAMLA (Indonesia Maritime Security Agency)	TCP	■	■	■	■	-	-	-			
		Project for Strengthening Capacity for Early Warning and Response to Infectious Diseases	TCP	-	■	■	■	■	■	-	-		
		Project for Strengthening the National Laboratory for Controlling the Highly Pathogenic Avian Influenza and other Emerging and Re-emerging Infectious Diseases	GA	■	-	-	-	-	-	-	-	2.12	
		The Project for Ecological Studies on Flying Foxes and Their Involvement in Rabies-Related and Other Viral Infectious Diseases in the Republic of Indonesia	STC	■	■	-	-	-	-	-	-	3.00	
		The Project for Searching Lead Compounds of Anti-Malarial and Anti-Amebic Agents by Utilizing Diversity of Indonesian Bio-Resources	STC	■	-	-	-	-	-	-	-	4.80	
		Development of Lead Optimization and Pre-clinical Evaluation System for Development of Anti-infection Drug Candidate from Tropical Biological Resources	STC	-	-	■	■	■	■	■	■		
		Project for Development of Complex Technologies for Prevention and Control of Rubber Tree Leaf Fall Diseases	STC	-	-	■	■	■	■	■	■		
		Advisor for Capacity Development for South-South and Triangular Cooperation	EXP	■	■	■	■	-	-	-	-		
		SME Partnership Promotion Survey for Installation of IoT 2-way Communication Type Prepaid Gas Meter	SME PPS	■	■	-	-	-	-	-	-		
		Project for Enhancing the Quality of Maternal and Child Health Program and the Implementation of Maternal and Child Health Handbook in the Era of Decentralization	TCP	■	■	■	■	■	-	-	-	2.07	
		Dispatch of Volunteers in the field of health	JOCV	■	■	■	-	-	-	-	-		
		Feasibility Survey for the Mercury Waste Treatment Technology	SDGs BMFS	■	-	-	-	-	-	-	-		
		Project for Improving Statistics Data on Food Processing and Distribution related to agricultural crops in ASEAN Region	ML	■	-	-	-	-	-	-	-		Financed by MAFF through ASEAN secretariat
		Project for Strengthening Capacity Building in Agriculture Sector in ASEAN Countries	ML	■	-	-	-	-	-	-	-		Financed by MAFF through ASEAN secretariat
Funding Support for the ASEAN Plus Three Emergency Rice Reserve (APTER)	ML	■	■	■	■	-	-	-	-		Financed by MAFF through ASEAN secretariat		

			Project for Enhancing the Recognition of GAP by Partnership with ASEAN	ML	-	-	█	-	-	-	-		Financed by MAFF through ASEAN secretariat
			Dispatch of Volunteers relating response to issues of Asian region and international community	JOCV	█	-	-	-	-	-	-		
			COVID-19 Active Response and Expenditure Support Program Loan	LA	-	█	-	-	-	-	-	500.00	
			The Economic and Social Development Programme (Medical Equipment)	GA	-	█	█	-	-	-	-	20.00	

	Japan's Assistance Program	Program Summary	Project	Scheme	Schedule						Assistance Amount (100 Million Yen)	Note	
					Before JFY 2019	JFY 2020	JFY 2021	JFY 2022	JFY 2023	JFY 2024			
Others	Others	Others	Preparatory Survey on BOP Business for Audio-Visual Educational Materials	PS	█	-	-	-	-	-	-		BOP Business Promotion
			Verification Survey with the Private Sector for Disseminating Japanese Technologies for Electronic Medical Record and Hospitals-Clinics Linkage to Care Pregnant and Parturient Women	SDGs BVS	█	█	-	-	-	-	-		
			Feasibility Survey for Acceleration of Pathological Diagnosis by Ultrasonic Microscope that can be Quantified and Observation of Bio-tissue	SDGs BMFS	█	-	-	-	-	-	-		
			Collaboration Program with the Private Sector for Disseminating Japanese Technology for Tuberculosis Diagnosis Kit (Stop TB support)	PCP-TC	█	█	█	-	-	-	-		
			Issue-based Training on ICT	TR	█	█	█	-	-	-	-		BOP Business Promotion
			Issue-based Training on Health	TR	█	█	█	-	-	-	-		BOP Business Promotion
			JICA Partnership Program	JPP	█	█	█	-	-	-	-		
			Dispatch of Volunteers	JOCV	█	█	█	█	-	-	-		
			Grassroots Human Security Grand Aid	GGP	█	█	█	-	-	-	-		

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, [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, [PCP-TC] = Private Companies Proposed-Technical Cooperation, [GA] = Grant Aid, [GAF]=Grant Aid for Fishery, [FA]=Food Aid, [CGA]=Cultural Grant Assistance, [GCGP]=Grant Assistance for Cultural Grassroots Projects, [EGA]=Emergency Grant Aid, [GANP]=Grant Aid for Japanese NGOs Projects, [GGP]=Grant Aid for Grassroots Human Security Projects, [LA] = Loan Aid (ODA Loan), [BIS] = Basic Information Survey, [ML] = Multilateral Cooperation, [SME PPS]=Small and Medium-Sized Enterprise (SME) Partnership Promotion Survey, [SDGs BMFS]=SDGs Business Model Formulation Survey with the Private Sector, [SDGs BVS]=SDGs Business Verification Survey with the Private Sector, Solid Line [—] = Schedule, Dash Line [- - -] = Tentative Schedule