

ODA on Climate Change Adaptation and Mitigation (CCAM) and Disaster Risk Reduction (DRR) (As of December 2019)

Project Title		Fund Source	Implementing Agency	Description of Program/ Project Components	Cost (in PHP M)	A/M/D Classification	Remarks
Loans							
1	Scaling Up of the Second Cordillera Highland Agricultural Resource Management Project (CHARMP 2)	IFAD	DA	Component 2: Agroforestry and Watershed Management (AWM)	55.16	A	Adaptation through agroforestry and watershed management
				Component 3: Agriculture, Agribusiness and Income Generating Activities (AAIGA)	50.72	A	Production of environmentally safe products
				Component 4: Rural Infrastructure Development (RID)	393.91	A	Domestic Water Supply and Community Irrigation Systems
2	Fisheries, Coastal Resources, and Livelihood Project (FishCORAL)	IFAD	DA	Construction and maintenance of climate-resilient bay management and multi-purpose buildings (BMMB) for 13 bay management councils	26.17	A	
				Construction and maintenance of climate-resilient watch-towers for 103 municipalities	32.73	A	
				Construction / rehabilitation of climate-resilient fish landing jetty or timber port for 11 bays / gulfs	32.39	A	
				Construction of climate-resilient communal solar dryers in stilts with storage for 103 municipalities	250.64	A	
3	Philippine Rural Development Project (PRDP) - Original Loan and PRDP - AF	WB, GEF	DA	Infrastructure Development	28132.27	A	Engineering designs of rural infrastructure subprojects will incorporate standards aligned with the principles of climate change adaptation and mitigation. Designs will emphasize low-cost and easily-implementable measures that increase resilience and reduce vulnerability of rural infrastructures from extreme climate events.
				Enterprise Development	2150.26	A	New technologies and approaches will be introduced in collaboration with agencies such as the Department of Science and Technology (DOST), International Rice Research Institute (IRRI), and State Universities and Colleges (SUCs), for the promotion of precision agriculture designed to link climate and weather data so that farmers and fishers can be better informed in making timely production and marketing decisions. Climate Field Schools providing weather-related production information to small scale producers will be specifically conducted.
4	Forestland Management Project (FMP)	JICA	DENR	Survey, Mapping and Planning	167.4	A	
				Community Organizing	94.43	A	
				Site Development	2016.54	M	
				Agroforestry Support Facilities	1201.89	DRR	
				Policy Initiative	3	A	
5	Italian Assistance to the Agrarian Reform Community Development Support Program (IARCDSP)	Italy	DAR	Rural Infrastructure (i.e., Farm-to-Market Roads, Bridges, Communal Irrigation Systems, Post-Harvest Facilities, and Potable Water Supply)	804.92	A	

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6	Chico River Pump Irrigation Project	China	NIA	Component: Mitigating Measure on Environment	0.316	M	Involved tree planting activities
7	Pasig-Marikina River Channel Improvement Project, Phase 3 (PMRCIP III)	JICA	DPWH	Civil Works Component	8031.24	DRR	The project aims to provide efficient and adequate flood control infrastructure through: (a) construction and rehabilitation of river walls and revetments against overflow and erosion of banks; (b) dredging in order to increase the Pasig and Marikina River's flow capacity; and (c) information campaign and publicity activities.
8	Cavite Industrial Area Flood Risk Management Project (CIA-FRIMP)	JICA	DPWH	Civil Works Component	6279.21	DRR	
9	Flood Risk Management Project in Cagayan de Oro (FRMP-CDOR)	JICA	DPWH	Civil Works Component	6850.96	DRR	
10	Pasig-Marikina River Channel Improvement Project, Phase 4 (PMRCIP-IV)	JICA	DPWH	Civil Works Component	18869.7	DRR	
11	Integrated Disaster Risk Reduction and Climate Change Adaptation Measures in Low-Lying Areas of Pampanga (IDRR-CCA)	KEDCF	DPWH	Civil Works Component	5253.73	DRR	
12	Metro Manila Flood Management Project (MMFMP)	WB/AIIB	DPWH	Civil Works Component	17643.5	DRR	
13	Samar Pacific Coastal Road Project (SPCRP)	KEDCF	DPWH	Civil Works	123.06	M	The amount for mitigation is intended to fund the construction of slope protection and drainage structures along the road
14	Philippine Ports and Coast Guard Capability Development Project	France	DOTr	Procurement of 1 82-meter Offshore patrol vessel and 4 24-meter Fast Patrol Boat	43668.82	DRR	
15	Maritime Safety Capability Improvement Project for the Philippine Coast Guard, Phase I	JICA	DOTr	Construction and delivery of 10 Multi-Role response Vessels	8873.99	DRR	Multi-role response vessels to be purchased under the project will be used to conduct search and rescue during maritime incidents and assist in transporting relief goods during natural disasters.
16	Maritime Safety Capability Improvement Project for the Philippine Coast Guard, Phase II	JICA	DOTr	Construction and delivery of 2 94-meter Multi-Role Response Vessels	7795.3	DRR	
17	New Bohol Airport Construction and Sustainable Environment Protection Project	JICA	DOTr	Biodiversity Conservation Project (Reforestation)	32.51	M	Involves the planting of seedlings as part of reforestation efforts under the project. MOA between DOTr and DENR for this undertaking was signed on July 18, 2018. As of December 2019, there are 697,327 seedlings planted
				Solid Waste Management Plan (SWMP)	1.95	A	The SWMP shall guide the project proponent and LGU in implementing measures and mechanisms to mitigate environmental impact of wastes from airport construction work and operation.

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18	Water District Development Sector Project	ADB	LWUA	Roof-slabbing of pumphouses and other building/structures	1	A	Typhoon-proofing
				Rip-rapping of surroundings of Ground storage tanks and other facilities built on slopes	1	A	To prevent soil erosion and maintain stability
19	Tunnel no. 4 under the Expanded Angat Water Transmission Improvement Project (AWTIP)	ADB	MWSS	Annual Million Tree Challenge	5	M	
Grants							
1	Strengthening the Marine Protected Areas to Conserve Marine Key Biodiversity Areas (SMART-SEAS)	GEF, UNDP	DENR	Increased management effectiveness of Marine Protected Areas (MPAs) and Marine Protected Area Networks (MPAN)	19.93	A	The Project incorporates climate change adaptation and disaster risk reduction measures in its policies and management plans
				Improved Financial Sustainability of MPAs and MPANs	21.08	A	
				Established enabling policy framework for marine biodiversity conservation	2.51	A	
2	Philippine Ozone Desk Institutional Strengthening Project (ODS-ISP)	UNEP	DENR	Institutional strengthening	0.31	M	The project developed domestic policies on enforcement of ozone-depleting substances (ODS) regulation and licensing system to limit and monitor its consumption. This is to sustain compliance with the Montreal Protocol, which calls for the gradual phase-out of production of products containing ODS such as hydrochloroflourocarbons (HCFCs).
3	Facilitating the Participatory Planning of Community-Based Forest Management Using Geographic Information System in Philippines, Indonesia, and Thailand (AFoCo-CFM)	ASEAN	DENR	Plantation establishment, maintenance, and protection	0.11	A	
4	Capacity Building on the Application of Landscape Approach to Support the Natural Resources Management in Brunei, Indonesia, Philippines, and Singapore (AFoCo-BIPS)	ASEAN	DENR	Establishment and maintenance of 60 hectares of demonstration plots for reforestation	0.621	M	

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5	Strengthening National Systems to Improve Governance and Management of Indigenous Peoples and Local Communities Conserved Areas and Territories (ICCA)	GEF, UNDP	DENR	Formulation of Community Conservation Plan (CCP), and conduct of workshops for the development of Threat and Capacity Assessment Tool (TCAT) and capacity building interventions on Disaster Risk Reduction (DRR)	16.52	A, M, DRR	The Project supported CCA as an integral component of the Community Conservation Plan (CCP), and conducted workshops on development of the Threat and Capacity Assessment Tool (TCAT) as an adaptation strategy for communities. As part of mitigation strategy, the Project supported initiatives on biodiversity-friendly livelihood. The Project also provided training and other capacity building interventions on DRR and CBDRRM where the participants were required to formulate their CBDRRM plans for their respective communities.
6	Scaling-up Implementation of the Sustainable Development Strategy for the Seas of East Asia (SDS-SEA)	GEF	DENR	Component 2: Healthy and resilient marine and coastal ecosystems	38.65	A	Component 2 will increase the areal extent and resilience of natural ecosystems through strengthened Marine Protected Area (MPA) management, periodic habitat assessments and fisheries management, as well as building adaptive capacity of communities through the Project's livelihood components.
7	5th Operational Phase of GEF-Small Grants Programme in the Philippines (SGP5)	GEF, UNDP, UNOPS	DENR	Output 1: Effective models for community-based governance of protected areas are demonstrated	61.96	M	Project sites are mostly located along the eastern seaboard and highly vulnerable to impacts of climate change. These are sites rich in biodiversity that host poor and resource-dependent communities. Extreme weather events adversely affected the integrity of these communities' mangroves, seagrasses, forestland, watershed, agricultural areas, and other ecosystems that they rely on for subsistence. Strengthening community-based initiatives helped communities in these areas adapt and mitigate the damaging impacts of climate change.
				Output 2: Community-managed landscapes and seascapes explicitly integrate biodiversity conservation objectives	46.55	A	
				Output 3: Alternative biodiversity friendly agriculture, fisheries & forestry products produced and marketed by 30 communities	28.99	A	
				Output 4: Training mechanisms developed for peer-to-peer learning	26.08	A	
				Output 5: Enhanced capacities of grantees to monitor and evaluate their projects and environment trends	1.74	A	
8	Panay Island Upland Sustainable Rural Development Project	KOICA	DA	Riprap with drainage	0.15	DRR	**Out of the PHP1,719,760.00 (USD 37,000) allocated for Brgy. Umingan, Alimodian; PHP150,000.00 was allocated for the riprapping with drainage project (323 meters) along the main road going the Poblacion as protection to landslide especially during heavy rains since the barangay is an identified landslide prone area.

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				Communal and tunnel-type greenhouse facility and materials	2.06	A	For continuous production of high value vegetables in Dao and Alimodian, Iloilo especially during wet cropping season.
9	Better Life for Out-of-School Girls to Fight Against Poverty and Injustice in the Philippines	UNESCO	DepEd	Girls Education Centre	60	DRR	Engineering design of infrastrucutre includes measures for flood mitigation as well as earthquake and strong wind proofing.
10	Disaster Risk Management and Institutional Strengthening Project	AFD	DILG	Component 1: DILG capacity on Disaster Risk Reduction Management (DRRM) and DRR performance management strengthened	3.2	A	
				Component 2: Disaster Preparedness Audit (DPA) Systems Enhanced and Scaled Up	0.51	A	
				Component 3: LGUs capacitated to perform Disaster Preparedness (DP) Mandates	1.1	DRR	
11	Access to Sustainable Energy Program of the Philippines (ASEP)	EU	DOE	Technical Assistance	510.8	M	
				Investment Support	2007.65	M	
				Call for Proposal	1340.85	M	
12	Development for Renewable Energy Applications Mainstreaming and Market Sustainability (DREAMS Project)	GEF	DOE	Component 1: Enforcement of supportive policy and regulatory environment for leveraging investments in renewable energy (RE) development	48.18	M	
				Component 2: Strengthened institutional capacity that leads to increase in RE investments	181.63	M	
				Component 3: Increased share of RE-based power capacity	191.73	M	
				Component 4a: Increased confidence of local RE developers that leads to an enhnaced update of RE projects	1763.3	M	
				Component 4b: Successful replication of operational RE projects using proven emerging RE technologies			
13	Capacity Development Technical Assistance (CDTA) on Strengthening Public-Private Partnerships (PPP) in the Philippines (TA 7796 – PHI) with additional funding from UCCRTF (Urban Climate Change Resilience Trust Fund)	ADB	PPPC	Capacity Building Component	25.3	A	>Provision of specialized expertise in the development and evaluation of climate-resilient local PPP projects; >Incorporating policy recommendations into the PPP Center's Local PPP Strategy on developing and promoting robust and climate-resilient local PPP projects based on lessons learned
				Project Development and Monitoring Facility (PDMF) Component	126.5	A	PDMF support for project preparation and transactions advisory services for local PPP projects with climate change and urban resilience features.

	Count	
CC Adaptation (Loans) =	32197.95	16
CC Adaptation (Grants) =	343.21	14
CC Adaptation, Mitigation, and DRR (Loans) =	0	
CC Mitigation (Loans) =	2177.426	5
CC Mitigation (Grants) =	6107.031	10
CC Adaptation and Mitigation (Loans) =	0	

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			DRR (Loans) =	124468.34	10	
			DRR (Grants) =	61.25	3	
			CC Mitigation and DRR (Loans) =	0		
			CC Adaptation and DRR (Grants) =	0		
			CC Adaptation and Mitigation (Grants) =	0		
			CC Adaptation and Mitigation, and DRR (Grants) =	16.52	1	
					59	
			Total (Grants) =	6528.011		
			Total (Loans) =	158843.716		
			Total (Loans + Grants) =	165371.727		
			Number of Interventions =	59		

Note: The Climate Change Act of 2009 (RA 9729 as amended by RA 10171) and National Framework Strategy on Climate Change 2010-2022) defines climate change as follows:

A - Adaptation - adjustments in natural or human systems in response to actual or expected climatic stimuli or impacts, which moderates harm or exploits beneficial opportunities.

M - Mitigation - human intervention to reduce anthropogenic emissions sources and enhance removals by sinks of all GHG, including ozone-depleting substances and other substitutes.

D - Disaster Risk Reduction (RA No. 10121) - the concept and practice of reducing disaster risks through systematic efforts to analyze and manage the causal factors or disasters, including through reduced exposures to hazards, lessened vulnerability of people and property, wise management of land and environment, and improved preparedness for adverse events.