

CY 2012 ODA Portfolio Review
ODA LOANS AND GRANTS ADDRESSING CLIMATE CHANGE

	Project Title	Funding Agency	IA	Description of Program/Project Components	A/M Classification*	Sector/Sub-sector	Remarks
Loans							
1	Integrated Coastal Resources Management Project (ICRMP)	ADB	DENR	Component A: Policy environment and legal framework for integrated coastal resources management (ICRMP) rationalized, institutional capacities strengthened and governance improved.	A/M	Environment and Natural Resources	Adaptation: Policy studies on Management of Mangroves, Foreshore, and Coral reefs, dissemination to communities through IEC DRR: Environmental Hazard Management Policy
				Component B: ICRM institutionalized and functional at the local levels, and coastal ecosystems and resources in the threatened areas of biodiversity are protected and managed.			Adaptation: ICRMP Plans institutionalized; Environment Impact Monitoring mechanism Mitigation: Mangrove plantation/watershed management complementing DENR's National Greening Program (NGP) Conservation Projects
2	Forestland Management Project	JICA	DENR	Comprehensive Site Development - 5-year work plan formulated 71,300 ha. (reforestation, agroforestry, silvopasture and soil conservation) established and maintained	M	Environment and Natural Resources	
3	National Program Support for Environment and Natural Resources Management Project (NPS-ENRMP)	WB	DENR	Component 2: Integrated Ecosystem Management	A/M	Environment and Natural Resources	Majority of the forest-related projects falls under Adaptation and Mitigation given the dual role of forest on soil stabilization, environmental protection and carbon sequestration, among others
4	Community Based Forest and Mangrove Management Project in Panay and Negros (CBFMMP)	KfW	DENR	Natural Resources Management Component Infrastructure and Livelihood Component	A/M	Environment and Natural Resources	Forest and Mangrove rehabilitation through LGUs, POs and/or rural households

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5	Second Cordillera Highland Agricultural Resource Mgt. Project (CHARMP2)	OFID/IFAD	DA	Rural Infrastructure Development, Project Management and Coordination, Social Mobilization, Participatory Investment Planning and Land Titling, Community Watershed Conservation, Forest Management, Agroforestry, Agribusiness and Income Generating Activities	A/M	Rural Development	Community Watershed Conservation, Forest Management and Agroforestry. Production of Environmentally safe products, Domestic Water Supply and Community Irrigation Systems
6	Support for Strategic Local Development and Investment Project	WB	LBP	Sanitary Solid Wste Management, Acquisition of heavy equipment, Construction of 1 MW Sipangpang Mini-hydro Power Project	M	Environment and Natural Resources	Detailed design completed equipment are currently used by Ozamiz City in the day to day operation of the City's Waste Management Construction ongoing for the Mini-hydro Power Plant
7	Pinatubo Hazard Urgent Mitigation Project III	JICA	DPWH	Address flood-related disaster management by updating flood forecasting and warning system plan, and disaster prevention and evacuation plan among others.	A	Climate Change Adaptation/ Disaster Risk/Reduction /Management	Components deal with enhancement of plans
8	Rural Power Project - Additional Financing	WB	DBP	Promotes the utilizationb of new and renewable energy sources (NREs)	M	Power and Energy	Components directly related to GHG reduction
9	Credit Line for Energy Efficiency and Climate Protection in the Philippines	Germany	LBP	Replacement or retrofitting or energy efficient modernization of CFC, HFC and HCFC chillers; Installation or energy efficient modernization of biomass cogeneration facilities, such as cogeneration from: Sugar, bagasse, Rice husk, Coconut husk, Methane from piggeries or poultries, or food and beverage processing industries; Replacement or energy efficient modernization of machinery and equipment powered by primary energy resources e.g., diesel, coal, gas); Replacement of diesel generators or kerosene lamps by solar panels, mini-hydros or other renewable energy facilities	M	Power and Energy	Components directly related to GHG reduction

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10	Environmental Development Project (EDP)	JICA	DBP	Conservation, Protection and Rehabilitation of Environment and Natural Resource; Integrate environmental considerations in all aspects of its operations	M	Environment and Natural Resources	Solid Waste Management and Industrial Pollution Control
11	Philippine Energy Efficiency Project	ADB	DOE	Increasing the use of indigenous renewable energy generation (such as geothermal, biomass, wind, and hydropower); Promoting energy efficiency; Reduction of Energy cost, through investments in energy efficient appliances, adoption of energy saving measures in buildings, improved capacity of ESCOs to undertake energy efficient projects, and improvement of equipment testing facilities.	M	Power and Energy	Building Retrofit, National Residential Lighting Program, Public Lighting Retrofit, Lamp Waste Management Facility, EE Testing Laboratory Enhancement, Efficient Building Initiative, Communication for Efficient Lighting and Promoting Efficiency in Everyday Life and Project Implementation Support
12	Provincial Towns Water Supply and Sanitation Program III	KfW	LWUA	Public Environmental Education Program; Water Supply Systems Development; Environmental Sanitation Improvements; Implementation Assistance and Institutional Strengthening	A	Environment and Natural Resources	Components deal with IEC, Capacity building, institutional strengthening and provision of improved facilities
13	Angat Water Utilization and Aqueduct Improvement Project, Phase II	China	MWSS	Ensure water supply security to Metro Manila. As such, its primary goal is to safeguard the integrity of raw water conveyance from Ipo Dam to the La Mesa portals; Application of new technologies, such as using collapsible steel forms in final concrete lining of tunnels; Strategic repositioning of the fabrication plant of the steel pipes and steel liners; Tunnel conversion; Increased number of equipment; Manpower complement	A	Environment and Natural Resources	Components deal with provision of improved facilities
14	Post Ondoy and Pepeng Short-term Infrastructure Rehabilitation Project	JICA	DPWH	Infrastructure Development	DRR/A	Climate Change Adaptation/ Disaster Risk/Reduction /Management	Components deal infrastructure rehabilitation

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Grants							
15	Strengthening Coordination for Effective Environmental Management (STREEM)	UNDP/GEF	DENR	Clean Air Act Enforcement or Reduction of GHC emissions and implementaion of UNFCCC	M	Environment and Natural Resources	Components directly related to GHG reduction
16	Samar Island Biodiversity Project Phase II (SIBP)	UNDP/GEF	DENR	Expanding Conservation Coverage in the Eastern Visayas Bio-geographic Zone and Establishment of the Samar Island Natural Park (SINP)	A/M	Environment and Natural Resources	Majority of the forest-related projects falls under Adaptation and Mitigation given the dual role of forest on soil stabilization, environmental protection and carbon sequestration, among others
17	Conservation and Adaptive Management of Globally Important Agricultural Heritage System – Ifugao Rice Terraces (GIAHS-IRT)	FAO	DENR	Dynamic Conservation of Agricultural Heritage Systems Promotion of Sustainable Use of Agricultural Biodiversity for Sustainable Agriculture and Rural Development	A	Rural Development	Deals with the use of appropriate technology to improve production systems
18	GEF-Manila Third Sewerage Project (MTSP)	WB/GEF	DENR	Partnership Strengthening, Master Planning and Policy Development, Innovative Financing, Use of market-based incentives, Rate rebasing, Joint sewage and septage treatment plant and Project management.	A	Environment and Natural Resources	Components deal with institutional strengthening, financing mechanisms, and policy reforms
19	Global Programme to Demonstrate the viability and removal of barriers that impede adoption and successful implementation of available non-combustion technologies for destroying persistent organic pollutants (POPs)	UNIDO/GEF	DENR	Effective Implementation of Non-Combustion Technology to destroy significant obsolete polychlorinated biphenyls (PCBs) wastes	M	Environment and Natural Resources	Components directly related to GHG reduction
20	MDGF 1656: Joint Programme on Strengthening the Philippine Institutional Capacity to Adapt to Climate Change	Spain	DENR	Economic Sustainability, Climate Risk Reduction Management (CRR), Improved Demonstration of Adaptation Projects	A	Environment and Natural Resources	Components deal with institutional strengthening, and improved technologies for adaptation

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21	Adaptation to Climate Change and Conservation of the Biodiversity in the Philippines	GIZ	DENR	Institutional Strengthening, Supporting the Coordination of the Development of National Climate Change Adaptation Strategies, supporting the Implementation of selected measures to Protect and Keep the unique Marine and Terrestrial Biodiversity of the Philippines and Contributing to Awareness Creation of Climate Change and Environmental Issues.	A	Environment and Natural Resources	Components deal with institutional strengthening
22	Philippine Chiller Energy Efficiency	WB/GEF	DENR	Reduction of Greenhouse gas (GHG) emissions by replacing inefficient chillers, including both reduce greenhouse gas (GHG) emissions by replacing old Chlorofluorocarbon (CFC)-based chillers and non-CFC-based chillers.	M		Components directly related to GHG reduction
23	Philippine Climate Change Adaptation Project	WB/GEF	DENR	Strengthening the Enabling Environment for Climate Change Adaptation, Demonstration of Climate Change Adaptation Strategies in the Agriculture and Natural Resources Sectors, Enhancement of scientific Information for Climate Risk Management and Coordination	A	Environment and Natural Resources	Components deal with improved technologies for adaptation
24	Protection and rehabilitation of coastal ecosystems for improved adaptation to Climate Change as a contribution to the Coral Triangle Initiative (ACCCoast)	GIZ	DENR	Climate Change Adaptation in coastal areas, Coral Triangle Initiative (CTI), Natural resource governance in coastal areas, MPA governance and management for improved climate change adaptation, Biodiversity conservation for improved climate change adaptation and Comprehensive land use and development planning for improved climate change adaptation	A	Environment and Natural Resources	Components deal with improved technologies for adaptation
25	Climate Related Modernization of Forest Policy and REDD Piloting in the Philippines	GIZ	DENR	Development of Improved Forest Policies and Specific Incentives for Forest Protection and Rehabilitation, Greenhouses gases (GHG) Reduction, Biodiversity Conservation and supports the Philippine National REDD-Plus Strategy (PNRPS)	A/M	Environment and Natural Resources	Majority of the forest-related projects falls under Adaptation and Mitigation given the dual role of forest on soil stabilization, environmental protection and carbon sequestration, among others

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26	Forest and Climate Protection in Panay	GIZ	DENR	Conserving Biodiversity, Integration of forest land use plans, Environmental education, Agroforestry, Large-scale reforestation and Promotion of alternative energy sources and more efficient conversion technologies	A/M	Environment and Natural Resources	Majority of the forest-related projects falls under Adaptation and Mitigation given the dual role of forest on soil stabilization, environmental protection and carbon sequestration, among others
27	Enhancing Natural Resources Management through Enterprise Development in the Philippines	NZAID	DENR	Addressing Poverty Alleviation and Environmental Sustainability in Upland Forest Areas by Building the capacity in Community Based Forest Management People's Organizations (CBFMPOs), Local Government Units (LGUs), and DENR to develop financially viable, ecologically sound, and socio-culturally appropriate community enterprises.	A	Environment and Natural Resources	Components deal with institutional strengthening, financing mechanisms, and policy reforms
28	Integrated Sustainable Wood Pellet Manufacturing and Industrial Tree Plantation establishment Project in the Philippines	KOICA	DENR	<i>No Available Information</i>	A/M	Environment and Natural Resources	Majority of the forest-related projects falls under Adaptation and Mitigation given the dual role of forest on soil stabilization, environmental protection and carbon sequestration, among others
29	HCFC Phase-out Management Plan	UNIDO	DENR	Institutional Capacity Development, Assessment and Demonstration of HCFC Alternative Technologies, Technical Assistance and Technology Transfer, Maximizing Climate Benefits in the Refrigeration and Air Conditioning, Increased Access to Funding	M	Environment and Natural Resources	Components directly related to GHG reduction
30	Philippine Solid Waste Management Sector Project-PPTA	ADB	DENR	Establish Integrated solid waste management systems and operate them in an economically and environmentally sustainable manner; Strengthen the capability of DENR-EMB to perform its regulatory and development functions.	A/M	Environment and Natural Resources	Components deal with institutional strengthenig, policy reforms, and technologies to reduce GHG emissions

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31	UN-REDD Plus-Supporting Initial Readiness Process	UNDP/ UNEP/ FAO	DENR	Enhance good governance and environmental sustainability; Capacitating forestland, protected areas and ancestral domains managers & support groups to implement REDD+ activities	A/M	Environment and Natural Resources	Components deal with institutional strengthening, environmental management, capacity building of stakeholders and GHG sequestration by forests
32	Capacity Dev't TA for Decentralized Framework for Sustainable Natural Resources and Rural Infrastructure Dev't. - PPTA	ADB	DENR	Watershed ecosystem management; Law implementation on forestry, protected areas, wildlife conservation, agriculture, public works, energy, air and water quality, waste management, and mining with significant implications for the management of forests	A/M	Environment and Natural Resources	Majority of the forest-related projects falls under Adaptation and Mitigation given the dual role of forest on soil stabilization, environmental protection and carbon sequestration, among others
33	Regional Technical Assistance (RETA) for Capturing Economic Benefits from Ecosystem Services (CEBES) - PPTA	Japan Special Fund	DENR	Establish Innovative approaches in managing land use and forests for climate change, biodiversity, and other local benefits; Financing natural system management for sustainable provision of ecosystem services	A	Environment and Natural Resources	Components deal with improving financing mechanisms and innovative approaches for financing
34	Regional Fisheries Livelihoods Programme for South and Southeast Asia (RFLP)	FAO/Spain	DA	Co-mangement mechanisms for sustainable utilization of fishery to improve safety at sea & reduce vulnerability for fisher communities and establish post-harvest measures for improved quality of products	A	Rural Development	Components deal with capacity building
35	National Capacity Building for Land Degradation Assessment and Climate Change Adaptation (DA-BSWM)	FAO	DA	No Available Information	A	Rural Development	Sustainable land management practices

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36	Strengthening the Philippines' Institutional Capacity to Adapt to Climate Change (SPIACC) – MDGF 1656	MDGF	DA	Works on addressing strategic issues affecting the achievement of MDGs by pursuing three outcomes: 1)Climate risk reduction mainstreamed into key national and local development plans and processes; 2)Enhanced national and local capacity to develop, manage and administer plans, programmes and projects addressing climate change risks; and 3)Coping mechanisms improved through pilot demonstration adaptation projects	A	Climate Change Adaptation/ Disaster Risk/Reduction /Management	Components focused on risk reduction, institutional strengthening, capacity building, and adaptation technologies
37	Enhancement of Earthquake and Volcano Monitoring and Effective Utilization of Disaster Mitigation Information in the Philippines	JICA	PHILVOLCS	Installation of Real-time Network of broadband, seismometer, strong motion accelerator & seismic intensity roe automatic estimation of ground shaking & damage when an earthquake occurs, Installation of Real-time volcano monitoring systems at Taal & Mayon Volcanoes, Provide earthquake & volcano disaster information through an Internet portal site.	A	Climate Change Adaptation/ Disaster Risk/Reduction /Management	Components deals with provision of early warning device and monitoring system
38	Establishment of Early Warning and Monitoring System for Disaster Mitigation in Metro Manila	KOIKA	PAGASA	Establish a network of state of the art monitoring facilities along the Pasig-Marikina River, Installation of Modern Weather Monitoring and Water Gauging equipment	A	Climate Change Adaptation/ Disaster Risk/Reduction /Management	Components deal with provision of early warning device and monitoring system
39	Improvement of the Meteorological Radar System	JICA	PAGASA	Replacement of three (3) existing Meteorological Radar systems in Apari in Cagayan, Virac in Catanduanesa and Guian in Samar with Doppler (S-band) Radar Systems	A	Climate Change Adaptation/ Disaster Risk/Reduction /Management	Components deal with provision of improved meteorological device

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40	Strengthening of Flood Control Forecasting and Warning System for Dam Operations	JICA	PAGASA	Improvement of capability of staff related agencies in flood forecasting and warning for proper dam operation unit in six (6) existing dam sites and Strengthening of existing FFWS300	A	Climate Change Adaptation/ Disaster Risk/Reduction /Management	Components deal with capacity building
41	Improvement of Flood Forecasting and Warning System for Magat Dam and Downstream Communities	Norway	PAGASA	Improvement of existing FFWS facilities and Expansion of Cagayan River Basin	A	Climate Change Adaptation/ Disaster Risk/Reduction /Management	Components deal with improving facilities
42	Electric Cooperative System Loss Reduction Project	GEF-WB)	DOE	Removal of Barriers to Energy Efficiency and Energy Conservation, Sustain energy efficiency improvements in electric cooperatives (ECs); Reduction of GHG emission	M	Power and Energy	Provision of guarantee to loans of ECs from commercial banks for financing their capital expenditures (CAPEX) projects aimed toward reduction of system losses at the distribution level and sustained energy efficiency improvements in ECs.
43	Strengthening the DRR Capacity of LGUs Affected by Typhoon PARMA in Central Luzon	Spain	DILG	Aims to ensure that these typhoon-damaged communities have increased capacities, readiness and resiliency in disaster response, pre-disaster mitigation measures, and that the first economic rehabilitation works have been carried out.	A	Climate Change Adaptation/ Disaster Risk/Reduction /Management	Components deal with capacity building
44	Community-Based Forest & Mangrove Management Project in Panay & Negros	Germany	LBP	Improvement of environmental conditions and reduction of poverty in Panay and Negros by enabling participating people's organizations (POs) to manage forests and mangroves	A/M	Environment and Natural Resources	Majority of the forest-related projects falls under Adaptation and Mitigation given the dual role of forest on soil stabilization, environmental protection and carbon sequestration, among

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45	Small Water Districts Improvement Project	JICA	LWUA	Physical Improvement of 20 Small Water Districts Nationwide; Pilar Water Supply System Improvement Project operate on a fill-and-draw scheme wherein the water from the two spring sources in Brgy. Blasco will be pumped to the existing 217m3 capacity concrete ground reservoir.	A	Environment and Natural Resources	Components deal with provision of improved facilities
46	Measures Ensuring Reliable and Sustainable Drinking Water Supply for MM After Damages Caused by Catastrophic Typhoon	Czech Republic	MWSS	Restoration of Water reliability and sustainability; Source of Energy (Hydro power plant Umiray) Rehabilitation; Protection measures of Water structures	A	Environment and Natural Resources	Components deal with provision of improved facilities
47	Yen Loan Technical Assistance for Bago River Irrigation System	JICA	NIA	Rehabilitation of Bago River Irrigation System involves upgrading of water management, institutional development and watershed management	A	Environment and Natural Resources	Components deal with provision of improved facilities
48	Integrating Disaster Risk Reduction and Climate Change Adaptation in Local Development Planning and Decision-making process	AusAID/NZAid	NEDA	Address capacity gaps of individuals and institutions involved with DRR/CCA and development planning	A	Climate Change Adaptation/ Disaster Risk/Reduction /Management	Components deal with institutional strengthening and improving the planning process
49	Assessments of Climate Change Impacts and Mapping of Vulnerability to Food Insecurity under Climate Change to Strengthen Household Food Security with Livelihoods' Adaptation Approaches (AMICAF)	FAO	DA	Component 1: Step 1 - Climate change impact assessment Component 2: Step 2 - Food insecurity vulnerability analysis and mapping Component 3: Step 3 - Livelihood adaptations to climate change Component 4: Step 4 Guidance in support of adaptation planning	A		