ANNEX 3

Official Development Assistance Projects in Disaster Risk Reduction, Disaster Management, Disaster Prevention and Preparedness, Housing, Urban Services, Livelihood and Microfinance Sectors

Project	Fund Source	Cost	Duration / Status	Description/Objectives
Disaster Risk Reduction	on			
Integrating Disaster Risk Reduction and Climate Change Adaptation in Local Development Planning and Decision-making Processes in the Philippines	Ausaid, Undp	PhP87.5M	2009-2012	Designed to address capacity gaps both of institutions and individuals involved with disaster risk reduction/climate change adaptation in development planning.
Strengthening Natural Hazard Risk Assessment Capacity in the Philippines	AusAID	PhP0.500M	2009 - 2010	TA on introducing climate change vulnerability modeling and enhancing the Rapid Earthquake Damage Assessment System (REDAS) tool developed by the PHIVOLCS.
Improving Disaster Risk Reduction Knowledge Management Systems in the Philippines	AusAID, Oxfam-Phil	PhP 19M	2009 - 2010	Supports Oxfam to ensure that good community practice and knowledge on disaster risk reduction informs national policy
Hazard Mapping and Assessment for Effective Community-Based Disaster Risk Management (READY)	Ausaid, Undp	USD1.9M	2008 -	Aims to address the problem DRM at the local level by empowering the most vulnerable municipalities and cities in the country and enable them to prepare DRM plans. Develop a systematic approach to community based DRM.
Post Disaster Needs Assessment	ADB	USD0.020M	2009 (1 month)	Supported the Post-Disaster Needs Assessment (PDNA) for the "housing and informal settlements" subsector. The PDNA was coordinated by the WB and various donor agencies, including the ADB, and national sector agencies like the HUDCC and NHA.
Mainstreaming Disaster Risk Reduction in Subnational Development and Physical Planning	EC, UNDP	N/A	2007 - 2008	Reduce the impact of disasters through a strengthened planning framework and procedures and improved capacity of regional and local bodies.
Text Messaging Disaster Alert System in the Philippines	USAID	N/A	2007	Helped the Philippine National Red Cross (PNRC) implement a nationwide disaster alert system using text messages. This project is enabling the PNRC to issue alerts down to the sub-district level.
Strengthening the Disaster	UNDP,	N/A	2005 - 2006	REINA has been touted as the

Project	Fund Source	Cost	Duration / Status	Description/Objectives
Preparedness Capacities of REINA Municipalities to Geologic and Meteorological Hazards (REINA Project)	UN-OCHA			model for Community Based Disaster Risk Management (CBDRM) in the country. Not only is it an example of an ideal process in the development of CBDRM, it is also an exceptional display of cooperation among government and non-government agencies.
Global Alliance and Human Resources Development for Urban Disaster Risk Reduction	JICA Science and Technology Research Partnership Program		Under NEDA Secretariat review	The project aims to develop solid knowledge base with capacity to develop human resource for UDRR in key UDRR centers at academic institutions in Turkey, Philippines and Indonesia.
2. Disaster Management				
Capacity Development in DRM Project	JICA Technical Cooperation Program			
Philippine Coast Guard (PCG) Maritime Disaster Response Helicopter Acquisition Project	Germany- Caiyon	USD5.8B	Ongoing ICC review	The project involves the procurement of seven Maritime Disaster Response (MDR) helicopters for Philippine Coast Guard to strengthen and expand their MDR capabilities during maritime incidents and natural disasters and calamities. The project will also involve the training of pilots and technical crew, procurement of mission equipment, procurement of maintenance tools and spare parts for five years, and the construction of hangers for the helicopters and offices for the pilots and technical crew.
Restoration/Rehabilitation of Waterways in Selected River Basins Nationwide Project, Phase II – Selected river basins in Mindanao	Finland – Soft Loan Facility		Under NEDA Secretariat review	The proposed project involves flood control and mitigation of selected major river basins in Mindanao, with focus on waterways that are not accessible to ordinary dredgers. River systems included are: the Cagayan de Oro River, Mindanao River, Tagum-Libuganon-Tuganoy River, and Lower Agusan River. Major component of the project is the procurement of six Water Master Classic III dredgers with its accompanying accessories, as well as spareparts, O&M service for two years, and support for training and dredging

Project	Fund Source	Cost	Duration / Status	Description/Objectives
Troject	Turia Source	0031	Burution / Status	supervision.
3. Disaster Prevention ar	nd Preparedness			
Establishment of Early Warning System for Disaster Mitigation – Water resources	Korea International Cooperation Agency (KOICA) Other Sources DOST-GIA	PhP45.94M	2008-2009	To establish an early warning system in Aurora, Jalaur and Agus river basins for disaster mitigation. The establishment of an early warning system will enable PAGASA to deliver appropriate, accurate and timely flood advisories and warnings.
Hazard Mapping and Assessment for Effective Community-Based Disaster Risk Management (READY)	UNDP	PhP20.99M	2006-2011	It has been dubbed as the "READY" Project to connote action towards preparedness in terms of natural disasters.
				To address the problem of DRM at the local level through the initiative of both national and local. At the national level, it aims to institutionalize and standardize DRM measures and processes. At the community level, the project aims to empower the most vulnerable municipalities and cities in the Philippines and enable them to prepare DRM plans.
Improvement of Flood Forecasting and Warning System for Magat Dam and Downstream Communities	Norwegian Agency for Development (NORAD) Grant	PhP80M	2009-2011	To provide timely and accurate flood forecasts and warnings in order to minimize flood-related disasters and protecting vulnerable communities through an enhanced warning system.
The Programme for the Improvement of Capabilities to cope with Natural Disasters Caused by Climate Change	Japan's Grant through Non- Project Grant Assistance Counter-Value Fund		2010-2012	The project aims to minimize flood-related disasters in the Bicol river basin through effective flood forecasting and warning, as a complementary measure to structural activities such as the construction of flood control structures.
Rehabilitation and Strengthening of APSEMO (Albay Public Safety and Emergency Management Office) Disaster- Preparedness Equipment	AECID	EUR22,083	2009	Additional financing to finalize the works for the Rehabilitation and Strengthening of APSEMO Disaster-Preparedness Equipment
RP-Taiwan Cooperative Project Towards Strengthening the Disaster Preparedness Capacities for Meteorological and Hydrological Hazards	TECO	PhP7.5M	2007-2008	The project will upgrade PAGASA's observation capacities and provide reliable meteorological and hydrological information to the public. The specific objective of the project is to upgrade and rehabilitate the

Project	Fund Source	Cost	Duration / Status	Description/Objectives Upper-air (Radiosonde) Weather Station at Tanay, about 55km of Manila.
Strengthening of Flood Forecasting and Warning System (FFWS) I the Pampanga and Agno River Basins	JICA Grant Other Sources DOST-GIA	PhP346M	2007-2010	Upgrading of the FFWS in order to provide timely and accurate flood forecast and warnings through rehabilitation of telemetering system, rainfall and water level monitoring equipment, restoration of the computer system and supply of spare parts and O&M equipment. It aims to minimize flood-related disasters in Pampanga and Agno river basins.
Strengthening of Surface- based Monitoring Network in Support of Scientific Research and Disaster Mitigation in the Philippines	TECO	PhP13M	2010-2011	Installation of 15 Automatic Weather Station (AWS), establishment of communication link to the project and also address gaps in surface-based meteorological information that are vital in understanding the unusual weather and climate conditions frequently observed. Increase level of accuracy and timely forecast and warning and reduce damages to life and properties.
Emergency and Educational Preparedness Program of Albay for Mayon Volcano Disaster Areas	JICA Grant	USD6M	For implementation under JFY 2011	The project aims to set up Emergency Preparedness Centers in Albay thereby reducing its vulnerability considering the regularity of disasters in the province.
Establishment of Early Warning and Monitoring System for Disaster Mitigation in Metro Manila	KOICA Grant	USD3M	KOICA dispatched its appraisal mission on 31 May to 3 June 2010	 Establish the weather and flood forecasting model for an early warning and monitoring system at the Pasig-Marikina river basin; Mitigate the impact of natural hazards through accurate analysis of realtime data collected from an early warning system; and Strengthen the relationship between the Republic of Korea and RP in the field of weather forecast and disaster management.
4. Housing				
Capacity Building for Housing Microfinance	ADB	USD1.9M	2004-2010	Strengthened systems to enable the formulation and implementation of housing

Project	Fund Source	Cost	Duration / Status	Description/Objectives
				projects more appropriate to the needs and affordable limits of the targeted urban poor.
Financing Public-Private Partnerships for Sustainable Low-Income Housing Delivery	ADB	USD0.100M	2008 -2009	Assisted HUDCC and DBP in piloting and assessing the effectiveness of proposed financing partnerships between LGUs, private sector developers, and local communities as represented by their HOAs, within the context of DPUCSP.
Integrated Approaches to Poverty Reduction at Neighbourhood Level	Cities Alliance	USD0.500M	2007-2008	Develop the capabilities of the LGUs and the urban poor communities or the HOAs in key cities outside Metro Manila to work together and develop shelter upgrading plans for capital investment financing through the DPUCSP.
5. Urban Services				
Metro Manila Urban Services for the Poor Project: Promotion of Cities without Slums Strategy Through Capacity Building	Cities Alliance & ADB	USD0.103M	2007-2009	Helped prepare the second tranche of the proposed MMUSP Investment Plan covering 6 cities: Mandaluyong, Makati, Manila, Marikina, Valenzuela, and Quezon City.
Metro Manila Urban Services for the Poor Project	ADB	USD0.147M	2005 -2007	Aimed to establish mechanisms to promote and finance developments in particular the renewal of depressed urban poor communities in Metro Manila
e-Tools for Community- Focused Urban Poverty Reduction	ADB	USD0.500M	2008-2010	Accelerated provision of basic assets such as affordable shelter, basic services, and adequate capital to urban poor communities outside Metro Manila using ICT.
Mindanao Basic Urban Services Sector Project	ADB	USD60.0M	2007	Improved access to basic urban infrastructure and essential municipal services in about 40 urban LGUs throughout Mindanao.
Local Government Finance and Development (LoGoFinD)	World Bank	USD134.0M	2000 - 2006	Financing LGU projects, LGU training and capacity building, resource mobilization and monitoring reform of Municipal Development Fund (MDF).
6. Livelihood and Microfi	nance Sector			
Microfinance Development Program	ADB	USD150.0M USD0.5M (TA)	2005 -2007	Aimed to grow the Philippines' microfinance industry and strengthen the regulatory

Project	Fund Source	Cost	Duration / Status	Description/Objectives
				institutions around it.
Enhancing Access of the Poor to Microfinance Services in Frontier Areas	ADB	USD0.357M	2004	Increase access and efficiency of microfinance services for the poor in frontier areas that have little or no access to formal or semiformal financial services.
Microenterprise Access to Banking Services (MABS)	USAID	USD9.0M	1998 - 2003	Training support in microfinance to the RBAP and selected rural banks in Mindanao.
7. Biodiversity				
Adaptation to Climate Change and Conservation of the Biodiversity in the Philippines	GTZ	EUR 3.35M	2009-2011	 Strengthening of the IACCC Secretariat; Supporting the coordination of the development of patients change.
				national climate change adaptation strategies; 3. Support to an
				implementation of selected measures to protect and keep the unique marine and terrestrial biodiversity of the Philippines; and
				 Contribution to awareness creation of climate change and environmental issues.
Clean Development Mechanism Projects	Countries/ Donor Organizations			 Contribute to the UNFCCC objective of stabilization of GHG concentrations in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system;
				Lead to the transfer of environmentally safe and sound technology and know- how; and
				 Contribute to the conservation of biological diversity and sustainable use of natural resources.
Forestland Management Project (PROFORM)	JICA Loan (possible loan under Cool Earth Partnership Terms)	JPY8, 400M	Approved by NEDA Board; on-going JICA re-appraisal	Strengthen forestland management through collaborative and holistic implementation of comprehensive and sustainable forestland management strategies in the three critical river basins;
				Improve the socio-economic conditions and quality of life of upland dwellers through more productive development and utilization

Project	Fund Source	Cost	Duration / Status	Description/Objectives
0 51 12 1 1				of available resources.
8. Flood Control and For	ecasting			
Agno River Flood Control Project, Phase II	JICA Loan	JPY6,734M (Phase II-A) JPY2,789M (Phase II-B)	1999-2007 (Phase II-A) 2001-2010 (Phase II-B)	To mitigate flood damages to villages, towns, agricultural lands and vital infrastructure facilities in the Agno River basin, and to mitigate the negative impacts on the existing local communities in the Poponto Swamp area due to the implementation of the project.
Bicol River Basin and Watershed Management Project (Flood Control Component)	World Bank/Local Funds	(will be implemented using local funds because of the urgency to complete critical portion by 2010)	2007-2011	To restore, sustain and enhance the productivity and protective functions of the watersheds of the Bicol River Basin. Involves institutional development and watershed management and development components.
Iloilo Flood Control Project (Phase II)	JICA Loan	JPY6,790M	2002-2010	To mitigate flood damage and inundation that will result in a more sustainable urban community, and provide a safer and more pleasant living condition for people of Iloilo City and Municipality of Pavia.
Improvement of Flood Forecasting and Warning System in Pampanga and Agno River Basins	JICA Grant	JPY779M (Phase I) JPY376M (Phase II)	2007-2010	The project aims to improve the flood forecasting and warning systems (FFWS) in the Pampanga and Agno River basins.
Improvement of the Meteorological Radar System of the Philippines (Enabling communities for the Adoption of Disaster Prevention and Preparedness Measures in Areas Prone to Floods and Rain-induced Landslides)	JICA Grant	Php1.644B	2009-2014	Project involves the procurement and installation of radar systems and other equipment, conduct of training and establishment of data management systems. Project aims to upgrade the observational capability of the radars of PAGASA for monitoring typhoons, monsoons and other weather disturbances; and, to improve the accuracy of forecasts and the timeliness of warnings in order to minimize human casualties and damage to properties due to the occurrence of weather disturbances and the associated floods and landslides.
Pasig-Marikina River Channel Improvement	JICA STEP Loan	JPY8.53B	2007-2013	Alleviate sanitary conditions in Metro Manila, specifically:

Project	Fund Source	Cost	Duration / Status	Description/Objectives
Project Phase II				Mitigate the frequent massive flooding caused by the overflowing of the Pasig-Marikina River;
				Improve the carrying capacity of the river;
				Enhance the river's environment and aesthetic conditions; and
				Improve the water quality of the river.
Pasig River Dredging Project	Belgium – Super Subsidy Facility	USD5,039M	2008-2010	Identified as one of the major projects outside the ongoing ADB loan. The dredging project involves the removal of debris that resulted from both natural deposition and indiscriminate dumping for 17-km stretch of the Pasig River.
Pinatubo Hazard Urgent Mitigation Project Phase III	JICA Loan	JPY7,604M	2008-2015	The project aims to mitigate flood damage from the elevation of riverbed and the clogging of riverway caused by outflow and sedimentation of pyroclastic flows, secure the physical distribution and improving the hygienic environment and thus, promote sustainable development in the project areas as a part of the development of Subic-Clark.
Restoration/rehabilitation of Waterways in Selected River Basins Nationwide Project, Phase I	Finland Soft Loan Facility	USD8.34M	2007-2009	The project objectives are: 1. Mitigation of flood inundation within selected river basins where flooding impacts are relatively significant; 2. Restoration and maintenance of river/creek channel capacity; 3. Protection of river/creek outfalls against possible clogging due to sediment accumulation; 4. Optimization of the scale of flood control structural measures; 5. Integration of dredging into the flood and drainage plans and programs of affected cities and municipalities

Project	Fund Source	Cost	Duration / Status	Description/Objectives
Fioject	Tunu Source	COST	Duration / Status	particularly those situated in delta areas.
Strengthening of Flood Forecasting and Warning System for Dam Operation	JICA Technical Cooperation		2009-2012	Overall goal of the project is to reduce loss of lives and damage to properties due to floods in the municipalities that are likely to be affected by the release of flood waters from Angat, Pantabangan, Magat, Binga and San Roque Dams.
Cagayan River Flood Control Project	JICA Loan	-	Approved by ICC but deferred by JICA pending completion of DRM- Flood Control Sector Loan	The project area for the urgent river bank protection works consists of lower and middle reaches of the Cagayan River and upper reach of the Magat River, with total river protection works of 37.2km.
Disaster Risk Management Sector Loan (Flood Control) Phase I – Tagoloan and Cagayan River Basins completed under the JICA- assisted Preparatory Study for the Sector Loan on Disaster Risk Management Phases II and III – to be determined	JICA Loan	JPY20B	Submitted to NEDA on 24 March 2010; ongoing NEDA Secretariat review	The project aims to strengthen the capability of Philippine Government agencies concerned in disaster risk management and to mitigate flood damages in vulnerable areas through the following: 1. Implementation of structural and nonstructural measures for the improvement of rivers in high risk flood damage areas; and 2. Improvement of disaster risk management systems including fund management for disaster rehabilitation for flood control.
Flood Control Measures in Mt. Pinatubo Devastated Area and Rehabilitation of School Buildings	Korea-EDCF Loan	PhP3.9B	Project has been approved by the ICC with the understanding that the proponents secure/prepare all documentations required by NEDA.	The objective of the project is to implement flood control measures and rehabilitate school buildings for Macabebe, Masantol, Minalin and Sto. Tomas in Pampanga Province providing long term solution to the 3 to 4 months flood duration every rainy season.
Flood Mitigation Plan for Metro Manila and Suburban Areas (Pasig-Marikina- Laguna Lake Basin)	World Bank		Under NEDA Secretariat review	TA for the formulation of a Comprehensive Flood Mitigation Master Plan
Laguna de Bay Rehabilitation Project	Belgium – Super Subsidy Facility	USD18,522	Approved by the NEDA Board on 27 October 2009	Improve the ecological and environmental quality of the Laguna Lake. In order to restore its life support system and provide impetus to drive socioeconomic development of the

Project	Fund Source	Cost	Duration / Status	Description/Objectives
Trojest	T una Source			Laguna Lake region. This is in response to EO No. 815 (6 July 2009). Declaring the implementation of the Environmental and Economic Developmental Program within the Laguna Lake as a Presidential Priority.
Panay River Flood Control Project	JICA Loan	PhP4,944M	Approved by ICC but deferred by JICA pending completion of DRM- Flood Control Sector Loan	The project involves two stages: (1) preparation of a detailed design and construction of a 10.91km Cogon-Hamulauon Floodway and the installation of a Flood Forecasting and Warning System in the project area; (2) improvement of the 3.63km Panay River stretch and 13.49km Pontevedra River Stretch as well as dredging of the 1.90km stretch of Tinagong Dagat.
Valenzuela-Obando- Meycauayan (VOM) Area Drainage System Improvement and Related Works Project	Belgium		DPWH submitted project proposal to NEDA in May 2010; ongoing NEDA review	Mitigate flood damages by flood control and drainage improvement works in the VOM Area and its surroundings and thereby improve the living conditions and promote/enhance economic activities in said area. The components proposed for implementation are: 1. Valenzuela-Meycauayan Drainage Improvement 2. Obando Drainage Improvement 3. Navotas Coastal Dike Construction
Post-Ondoy and Pepeng Short-Term Infrastructure Rehabilitation Project (formerly Urgent Rehabilitation of Flood Control Facilities under the Emergency Post-Disaster Recovery and Reconstruction Program)	JICA Loan	PhP6.48B	2010-2011	4. Tullahan River Improvement. The project is composed of two components: 1. Rehabilitation of flood control facilities; and 2. Rehabilitation of national roads and bridges in Luzon affected by tropical storm Ondoy and Pepeng.
9. Energy				
Credit Line for Energy Efficiency and Climate Protection in the Philippines (CLEECP)	Kreditanstalt Fur Weideraufbau (KfW)	EUR20M	2008-2012	 Aims to manage the demand/consumption of primary energy (e.g. diesel, coal, gas); Intends to trim down greenhouse gas emissions;

Project	Fund Source	Cost	Duration / Status	Description/Objectives
				 Contribute to increased energy efficiency and climate protection in the Philippines; and
				 Lower annual carbon dioxide emissions equivalent by about 24M.
Enabling Activity for the Preparation of the Second National Communication to the UNFCCC	UNDP-GEF	USD405,000	2007-2010	 Improved coordination of adaptation policy in the Philippines through clarity in the institutional structure;
				Implement cost-effective climate risk reduction in key productive sectors;
				 Strengthening proactive disaster management within the National Disaster Coordinating Council (NDCC); and
				 Enhance provision of scientific information for climate risk management.
The Philippine Energy Efficient Project	ADB	PhP2.6B	2008-2010 (loan became effective on 28/5/09)	Efficient lighting (retrofitting of lighting systems in government offices, residences, buildings and industries)
				Communication and Social Mobilization.
Project for the Introduction of Clean Energy by Solar Electricity Generation System	JICA Grant Aid		2010	1. Demonstrate and evaluate the effectiveness and efficiency of solar photovoltaic (PV) power generation system through net-metering mechanism in the commercial, industrial and residential sectors of the country; and
				Contribute to further improvement of policies and guidelines on net-metering.
Project for Introduction of Clean Energy by Solar Electricity	JICA Grant Aid		Currently processing Exchange of Notes; targeted to be implemented within 2010	To demonstrate the technical and financial performance of net metering-connected solar photovoltaic (PV) power systems in the residential, commercial and government establishments.
Renewable Energy and Climate Change (REACH) Facility	ADB Loan ADB Grant (previously approved for funding under the European Investment	ADB Loan – to be determined Grant - approximately USD2M	Previously approved for EIB Financing; change in funding source to ADB will necessitate preparation of new	The facility aims to provide financing for projects and investments which will contribute to climate change mitigation or adaptation.

Project	Fund Source	Cost	Duration / Status	Description/Objectives
	Bank)		project documents for ICC approval. LBP targets submission of ICC documents by July 2010.	
10. Agriculture				
Philippine Climate Change Adaptation Project – PhilCCAP (project preparation stage)	WB-GEF	USD5M	2010-2012	 IACCC Secretariat strengthened; CCA incorporated in plans; Adaptation mechanisms in agriculture and NRM pilot tested for future upscaling; DRR and climate change adaptation integrated; Data acquisition and information sharing strengthened.
11. Governance				
Integrating Disaster Risk Reduction and Climate Change Adaptation in Local Development Planning and Decision-Making Processes (Integrating DRR/CCA Project)	AusAID	AUD2.5M	2009-2012	Integrating DRR/CCA Project is a 3-year project which aims to mainstream the integrated concerns of DRR and CCA into local decision making and planning processes by: 1. Enhancing local awareness and understanding of climate change and its aggravating effect on existing natural hazards; 2. Developing tools to enable the formulation of physical framework. land use and development plans that address existing hazards whilst considering climate change risk; 3. Demonstrating practical integrated DRR/CCA approaches to community level; and 4. Improving the national enabling environment through national and local DRR enhanced CCA plans and multi-stakeholder coordinating mechanisms.
MDG-F 1656: Strengthening the Philippines' Institutional Capacity to Adapt to Climate Change	MDG-F (Spanish Government)	USD8M	2008-2010	Climate risk reduction (CRR) mainstreamed into key national and selected local development plans and processes; Enhanced national and local

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Project	Fund Source	Cost	Duration / Status	Description/Objectives capacity to develop, manage and administer plans, programmes and projects addressing climate change risks; and 3. Coping mechanisms improved through pilot demonstration adaptation projects.
12. Finance				
IACCC Project on National Economic, Environment and Development Needs (NEEDS) for Climate Change	UNFCCC thru GEF	USD85,000	2009	 To select key sectors for climate change mitigation and adaptation measures based on priorities identified in the second national communications and the country's national development plan(s) to serve as basis for the financial needs assessments; To assess financing needs required to address mitigation and adaptation measures in selected key sectors and to identify appropriate financial and regulatory instruments to support them; and To raise awareness and facilitate informed consensus among government agencies on policy actions required to mobilize finance and increases.
12 Transport				investment.
13. Transport			-1 1 2 -	
Bus Rapid Transit System	World Bank / CTF		The draft Country Investment Plan (CIP) was discussed during the 08 October 2009 NEDA INFRACOM TB meeting wherein the CIP was approved in principle. NEDA endorsed DOTC's request to tap the CTF funding for the preparation of the BRT Projects through a letter to the DOF dated 21 April 2010.	The BRT System in included in the DOTC proposed Urban Transport Program submitted for inclusion under the CIP – Clean Technology Fund (CTF) facility.

Chart 1. Per Sector Share in Official Development Assistance



