

Framework for Enabling Adaptation Efforts – Collecting Usable Resources in a Cohesive Way

Ms . Gigi Merilo

Senior Environmental Management Specialist
Environmental Management Bureau, DENR, Philippines

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- The Linking Role of the Philippines' Presidential Task Force on Climate Change (PTFCC)
- Projects on Adaptation to Climate Change

The Presidential Task Force on Climate Change (PTFCC)



Department of Environment and Natural Resources

MANDATES

- Created by Administrative Order No. 171, dated February 20, 2007
- **MANDATE** – “Act with resolve and urgency in addressing the issue of climate change, mitigate its impact and adapt to its effects.”

COMPOSITION

DENR Secretary	-	Chairman
DA Secretary	-	Member
DILG Secretary	-	Member
DOE Secretary	-	Member
DOST Secretary	-	Member
Two (2) Representatives From Private Sector/ Civil Society	-	Members

NOTE: PRIVATE SECTOR/CIVIL SOCIETY REPRESENTATIVES TO BE APPOINTED BY THE PRESIDENT, UPON RECOMMENDATION OF THE PTFCC CHAIRMAN.

FUNCTIONS

1. Conduct rapid assessment on impact of climate change, especially on most vulnerable sectors.
2. Ensure strict compliance to emission standards and combat deforestation and environmental degradations.
3. Undertake strategic approaches to prevent or reduce greenhouse gas emissions.
4. Conduct comprehensive public information and awareness campaign nationwide on climate change.

FUNCTIONS

5. Design risk reduction and mitigation measures and adaptation responses to climate change.
6. Collaborate with international partners to support global efforts on climate change.
7. Integrate and mainstream climate risk management in policies, plans and programs.
8. Guide, coordinate and monitor the implementation of Climate Change Action Plan.

INSTITUTIONAL SUPPORT

SECRETARIAT SUPPORT:

- Department of Environment and Natural Resources (DENR)/Environmental Management Bureau (EMB)

INSTITUTIONAL SUPPORT

TECHNICAL SUPPORT:

- Inter-Agency Committee on Climate Change (Administrative Order No. 220, dated May 8, 1991): DENR (chairman), DOST (co-chairman) and following members - DFA, EMB, National Mapping and Resources Information Authority (NAMRIA) and Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA).

INSTITUTIONAL SUPPORT

BUDGET SUPPORT:

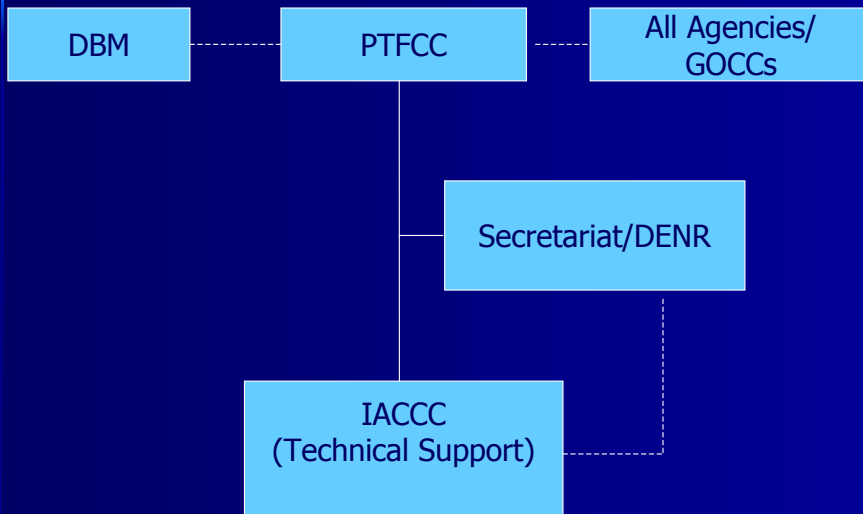
- DBM to provide funds necessary for the operation of PTFCC and implementation of necessary actions to address climate change.

OTHER SUPPORT:

- All Government Agencies and GOCC'S to provide support, assistance and resources to PTFCC.

Presidential Task Force on Climate Change (PTFCC)

Operational Set-Up



Updates on the PTFCC

- DENR Sec. Reyes and PTFCC Chairman convened the PTFCC for the first time last 11 June 2007 at the EDSA Shangri-la Hotel.
- A draft Action Plan was presented among the PTFCC members, for their comments and additional inputs to be presented to the President once finalized.

OBJECTIVES

1. CARRY OUT MITIGATING MEASURES TO REDUCE GREENHOUSE GAS EMISSIONS;

2. CARRY OUT ADAPTIVE MEASURES TO SUSTAIN THE PHILIPPINE ECOSYSTEMS AND TO ADDRESS THE FOLLOWING:

- **FOOD SECURITY**
- **VULNERABILITY TO NATURAL DISASTER**
- **HEALTH AND WELFARE**

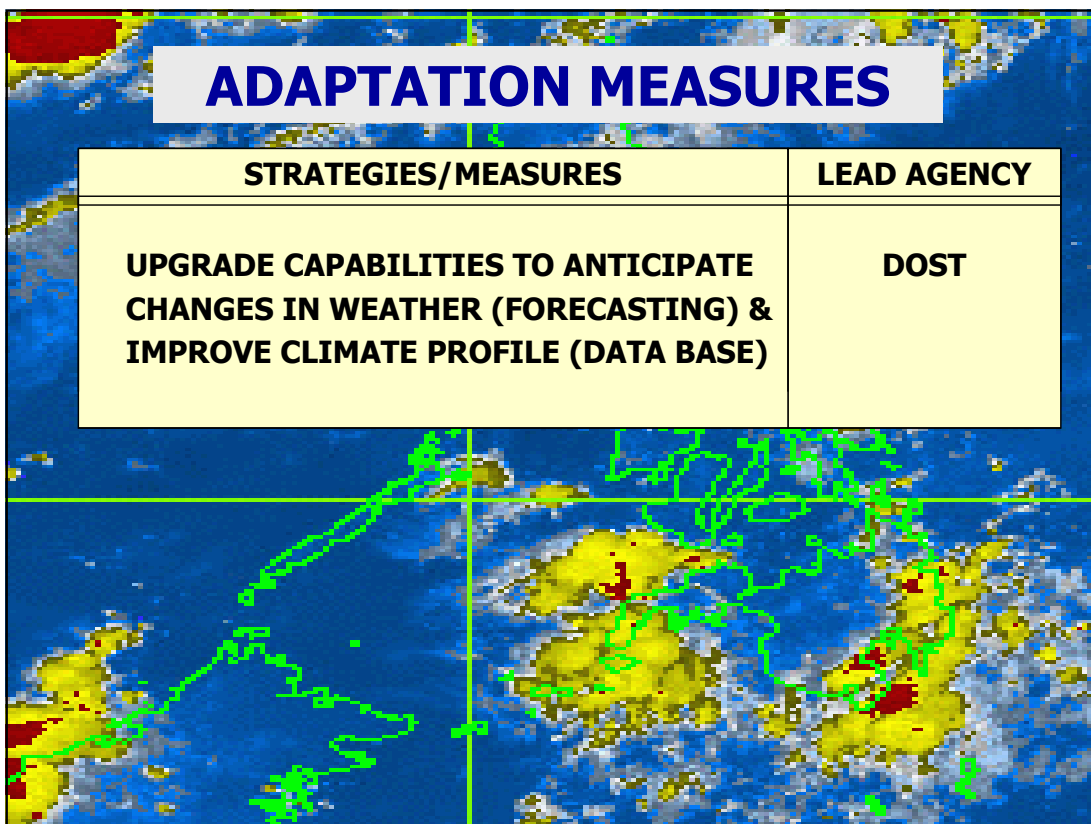


ADAPTATION MEASURES

PREVENT/MINIMIZE LOSS OF LIVES, DAMAGE TO PROPERTIES AND ENSURE FOOD SECURITY

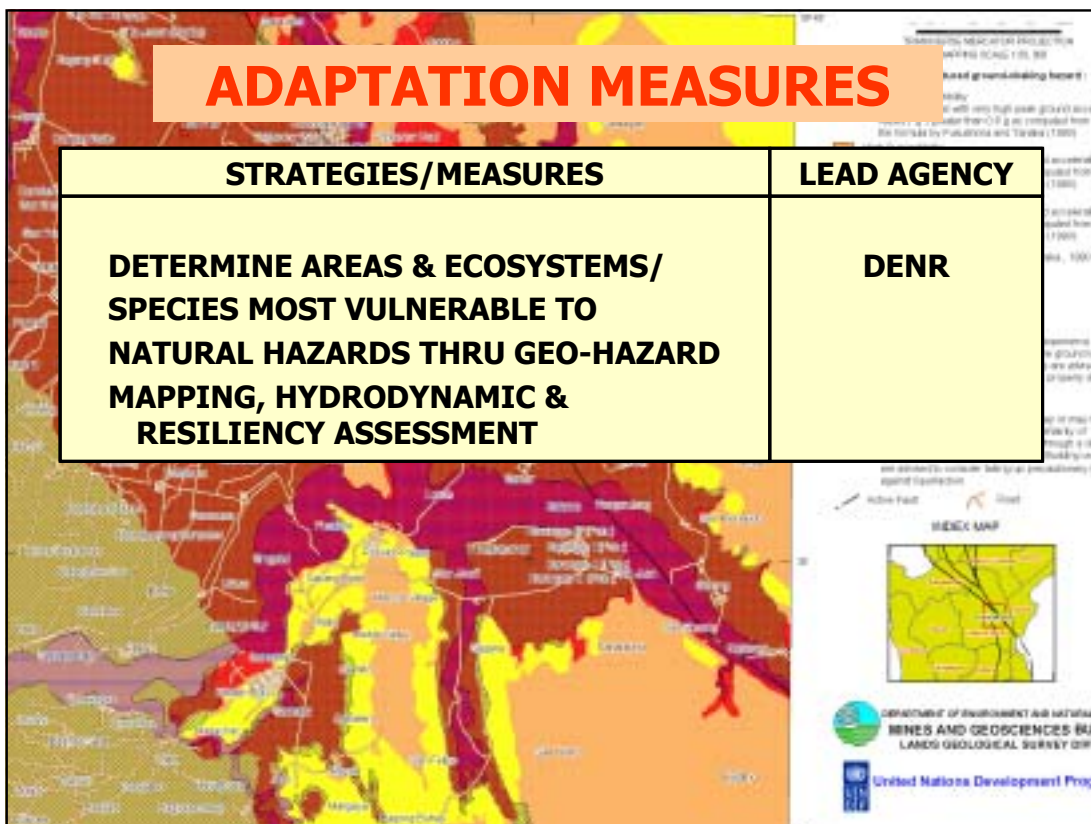
ADAPTATION MEASURES

STRATEGIES/MEASURES	LEAD AGENCY
UPGRADE CAPABILITIES TO ANTICIPATE CHANGES IN WEATHER (FORECASTING) & IMPROVE CLIMATE PROFILE (DATA BASE)	DOST



ADAPTATION MEASURES

STRATEGIES/MEASURES	LEAD AGENCY
DETERMINE AREAS & ECOSYSTEMS/ SPECIES MOST VULNERABLE TO NATURAL HAZARDS THRU GEO-HAZARD MAPPING, HYDRODYNAMIC & RESILIENCY ASSESSMENT	DENR

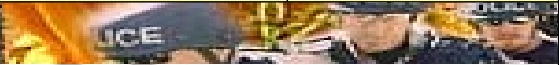
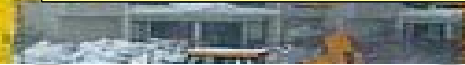


LOCAL HAZARD MITIGATION PLAN

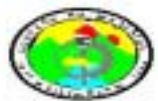


ADAPTATION MEASURES

STRATEGIES/MEASURES	LEAD AGENCY
DEVELOP EFFECTIVE EARLY WARNING & DISASTER RESPONSE SYSTEMS TO FOREWARN COMMUNITIES OF DANGERS	DND



Natural Hazards Mitigation Plan



BOHOL REGIONAL DEPARTMENT
CITY OF MARIKINA

MARIKINA CITY
LANDUSE



ADAPTATION MEASURES

STRATEGIES/MEASURES	LEAD AGENCY
ENHANCE LGU CAPABILITIES FOR DISASTER PREVENTION & MANAGEMENT	DILG`



ADAPTATION MEASURES

STRATEGIES/MEASURES	LEAD AGENCY
<p>STRENGTHEN PROTECTION OF VULNERABLE AREAS:</p> <ul style="list-style-type: none"> ESTABLISH PROTECTION AREAS CRITICAL ECOSYSTEMS & SPECIES (ESPECIALLY VERDE PASSAGE) & IMPLEMENT PROTECTION MEASURES (E.G., BUFFER & SETBACK ZONES, MANGROVE PLANTATION, ETC.) 	<p>DENR</p>

EL NIDO TAYTAY MANAGED RESOURCE PROTECTED AREA

Verde Passage

ADAPTATION MEASURES

STRATEGIES/MEASURES	LEAD AGENCY
<p>EXPAND CAPACITIES OF RIVER BASINS (THRU DREDGING, RIVER BANK STABILIZATION, ETC.) & STRICTLY REGULATE UTILIZATION</p>	<p>DENR</p>
<p>PROTECT WATER AQUIFER THRU STRICT REGULATION OR BANNING OF GROUND-WATER EXTRACTION</p>	<p>DENR</p>



ADAPTATION MEASURES

STRATEGIES/MEASURES	LEAD AGENCY
STRENGTHEN FOOD SECURITY THRU DEVELOPMENT OF DRY CULTIVATION & CROP RESILIENCY TO TEMPERATURE	DA

ADAPTATION MEASURES

STRATEGIES/MEASURES	LEAD AGENCY
UNDERTAKE SURVEILLANCE AND ESTABLISH QUICK RESPONSE SYSTEM FOR OUTBREAK OF CLIMATE CHANGE-RELATED DISEASES (E.G., MALARIA & DENGUE)	DOH

SUSTAINABILITY MEASURES

TO ENSURE CONSISTENCY AND CONTINUITY OF MITIGATION AND ADAPTATION MEASURES

SUSTAINABILITY MEASURES

STRATEGIES/MEASURES	LEAD AGENCY
CONDUCT OF MASSIVE EDUCATION & INFORMATION CAMPAIGNS ON CLIMATE CHANGE (E.G., LOCAL VERSION OF “INCONVENIENT TRUTH”)	DENR

an inconvenient truth
A GLOBAL **WARNING**

by far the most terrifying film
you will ever see.

SUSTAINABILITY MEASURES

STRATEGIES/MEASURES	LEAD AGENCY
INTEGRATION OF ENVIRONMENTAL MANAGEMENT, ESPECIALLY CLIMATE CHANGE IN PRIMARY SCHOOL CURRICULUM	DEP ED



SUSTAINABILITY MEASURES

STRATEGIES/MEASURES	LEAD AGENCY
<p>INTEGRATION OF CLIMATE CHANGE RISK MANAGEMENT INTO POLICIES & PLANS:</p> <ul style="list-style-type: none"> • NATIONAL & LOCAL DEVELOPMENT PLANS • NATIONAL LAND-USE PLANS • INFRASTRUCTURES AND BUILDING CODE 	<p>NEDA</p> <p>NEDA</p> <p>DPWH</p>

Project on the Preparation of the Second National Communication to the UNFCCC

UNDP-GEF Assisted

Work on Vulnerability and Adaptation Assessment

Projects on Adaptation to Climate Change

Project Title: Climate Change Adaptation Phase 1

- GEF Implementing Agency/Executing Agency: The World Bank
- Duration (Project Preparation): 9 months, to start in May 2007
- GEF Focal Area: Special Climate Change Fund
- Key Implementing Agencies: DENR, DA, NIA and PAGASA
- Key Objective: To develop and demonstrate the systematic diagnosis of climate-related problems and the design of cost-effective adaptation measures, while integrating climate risk awareness and responsiveness into the economic and operational planning, particularly in agriculture and natural resources management.

Project Title: Climate Change Adaptation Phase 1

- The proposed project, which is envisaged as the first phase of a long-term adaptation by the Government of the Philippines, is expected to have the following four building blocks:
 - Improve coordination of adaptation policy by DENR
 - Implement climate risk reduction in key productive sectors
 - Strengthen proactive disaster management within the NDCC
 - Enhance provision of scientific information for climate risk management

Project Title: Climate Change Adaptation Phase 1

Project Phasing

- The First phase aims to establish the institutional set-up based suited for guiding country and sector responsive adaptation activities to reduce the country's vulnerability to associated risks; develop country specific solutions to adaptation risk management; and develop reliable climate risk information.
- The Second phase will aim to scale up best practices and lessons learnt in the first phase; and more generally cause climate change and disaster risk management and awareness in the key development sectors of the country; while expanding investments to all major sectors of the Philippines. The costs of this longer term would be determined at a later stage.

Project Title: Climate Change Adaptation Phase 1

- **Component 1:**
Improved coordination of adaptation policy by the DENR, the agency coordinating the Philippines' response to climate change.
- **Component 2**
Implement climate risk management in key productive sectors
- **Component 3**
Strengthen proactive disaster risk management within the National Disaster Coordinating Council (NDCC)
- **Component 4**
Enhance provision of scientific information for climate risk management
- **Component 5**
Program Management and Support

MDGF Joint Programme Proposal: Strengthening the Philippines' Institutional Capacity to Adapt to Climate Change

- **Donor:** UNDP/Spain MDG Achievement Fund under the MDG-F Country Thematic Window for Environment and Climate Change and is aligned with the priority area of "Enhancing Capacity to Adapt to Climate Change"
- **Duration:** 3 years
- **Key Local & Intl. Partners:** DOST-PAGASA, DENR, DA, NWRB, NEDA, DOLE, DILG, HUDC, HLURB, DOH, etc., networks of higher level educl. Institutions, civil society networks and federations e.g., Philippine Network on Climate Change (PNCC) and donors eg. AusAID, EU-DIPECHO, etc.

MDGF Joint Programme Proposal: Strengthening the Philippines' Institutional Capacity to Adapt to Climate Change

■ Objective

Aims to achieve three outcomes in the area of:

- ✓ policy / planning / programming;
- ✓ capacity development of concerned national govt. institutions and local governments and local higher educational institutions; and
- ✓ capacity development of communities to develop demonstrable climate change adaptation measures.

MDGF Joint Programme Proposal: Strengthening the Philippines' Institutional Capacity to Adapt to Climate Change

Seeks to help the Philippines address key strategic issues of vulnerability and coping mechanisms to the impacts of climate change by pursuing the following three outcomes:

■ Outcome 1

Climate risk reduction (CRR) mainstreamed into key national and selected local development plans and processes

■ Outcome 2

Enhanced national and local capacity to develop, manage and administer projects addressing climate change risks

■ Outcome 3

Coping mechanisms improved through pilot adaptation projects

MDGF Joint Programme Proposal: Strengthening the Philippines' Institutional Capacity to Adapt to Climate Change

■ Outputs

- Baseline scenario and climate risk/adaptation monitoring system developed for priority sectors (water, agriculture, forestry, coastal, health)
- Vulnerability maps for 43 provinces plus other priority areas
- Adaptation options for key sectors assessed, valued & prioritized, including "no regrets" options
- Entry points for climate risk reduction (CRR) in key national plans/planning and regulatory processes identified and CRR compendium of adaptation best practices recommended for integration prepared

MDGF Joint Programme Proposal: Strengthening the Philippines' Institutional Capacity to Adapt to Climate Change

■ Outputs

- CRR mainstreaming guidelines adopted by key national government agencies and selected local governments
- Key national and sectoral plans and selected local development/comprehensive land use plans reflect CRR measures
- Web-based tool for climate risk screening & portal for project developers/designers
- Existing capacities and gaps of key NGAs, selected LGUs and local higher educational institutions for CRR work assessed

MDGF Joint Programme Proposal: Strengthening the Philippines' Institutional Capacity to Adapt to Climate Change

■ **Outputs**

- CRR capacity development programmed focusing on policy & project implementation for stakeholders identified above developed and implemented
- Awareness raised for key national & local stakeholders on climate change
- Pilot projects implemented on key sectors (water, agriculture, coastal, forestry, health), focusing on identification of best practices to improve local coping mechanisms, including alternative livelihoods