

Efforts in Mainstreaming Climate Change Impacts and Adaptation in EIA

Philippines



National Climate Change Action Plan

GOAL

To build the adaptive capacities of communities and increase the resilience of natural ecosystems to climate change, and optimize mitigation opportunities towards sustainable development

Intermediate Outcomes

Ecological and Environmental Stability

Human Security

Climate-Smart Industries and Services

Sustainable Energy

Knowledge and Capacity Development

Water Sufficiency

Food Security

Efforts in Mainstreaming Climate Change impacts and adaptation in EIA

Enhanced adaptive capacity of communities, resilience of natural ecosystems, and sustainability of built environment to climate change.

Successful transition towards climate-smart development.

Ultimate Outcomes



MDG-F 1656: Strengthening the Philippine's Institutional Capacity to Adapt to Climate Change

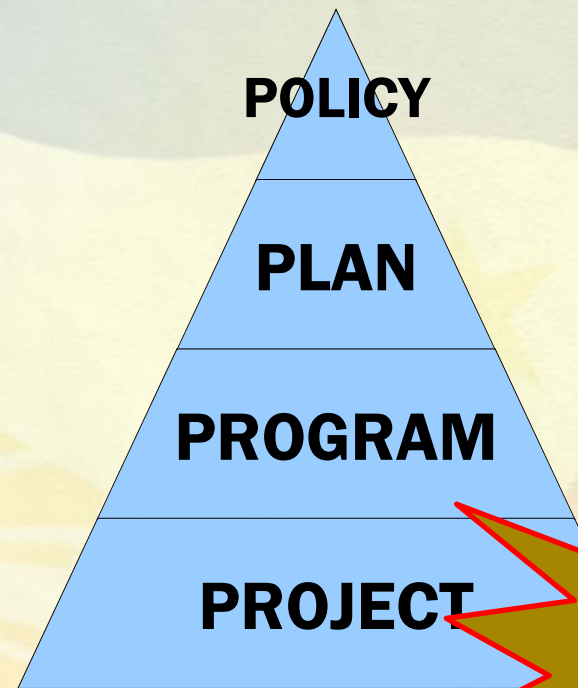


Climate risk reduction **mainstreamed** in key national & selected local development plans & **regulatory processes**



Climate Risk Reduction = Disaster Risk Reduction (DRR) + Climate Change Adaptation (CCA)

DRR/CCA Mainstreaming Entry Point with respect to Environmental Assessment Application Level



Strategic Environmental Assessment (SEA)

Cumulative Impact Assessment

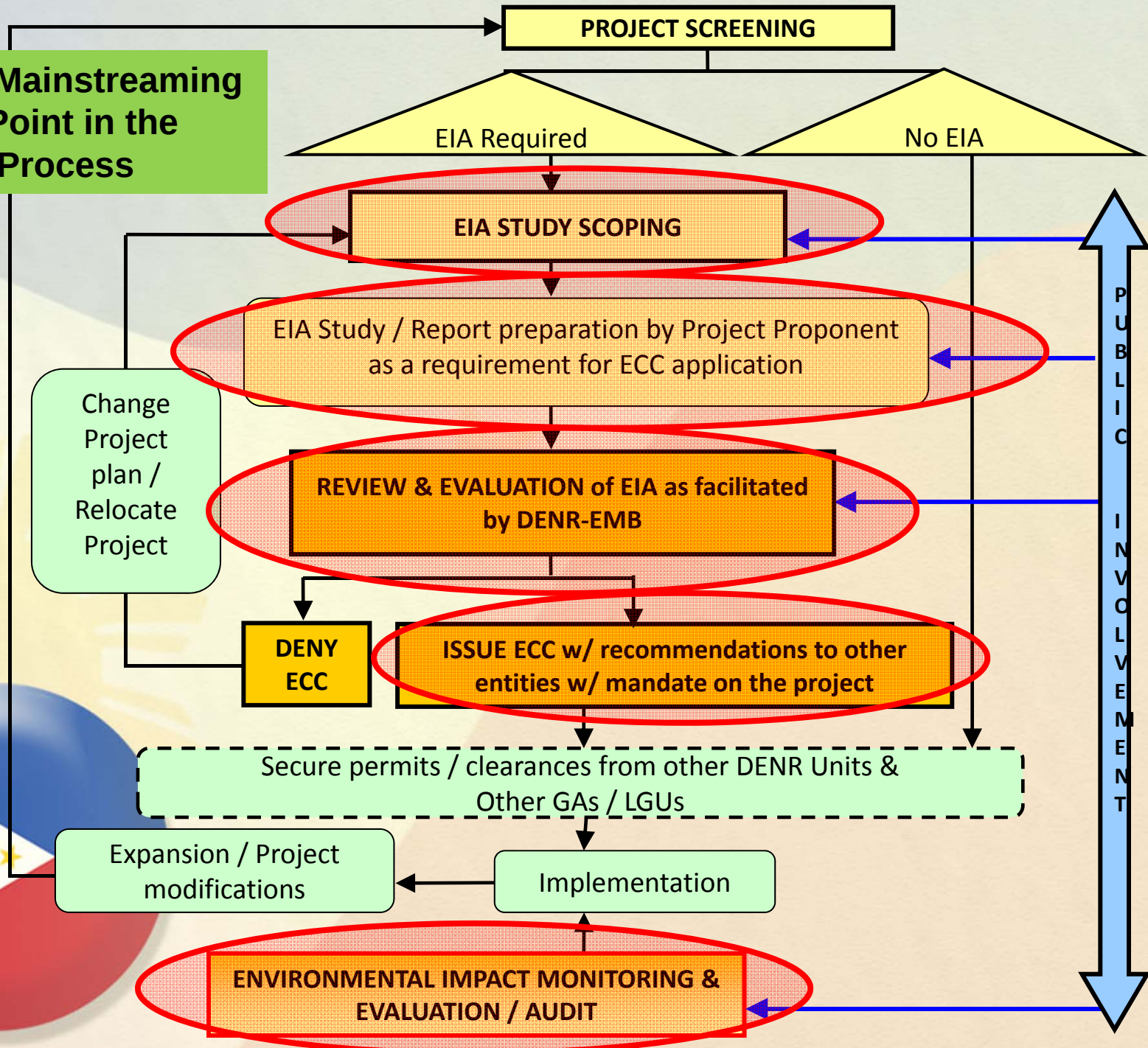
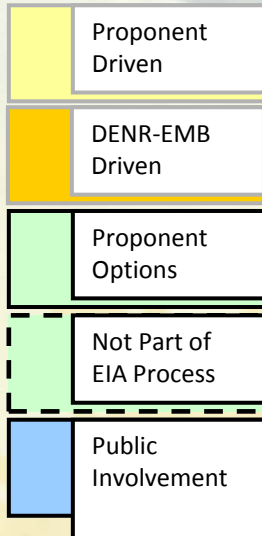
Environmental Impact Assessment (EIA)

DRR/CCA Mainstreaming entry point



CCA/DRR Mainstreaming Entry Point in the EIA Process

LEGEND:



EIA DRR / CCA Technical Guidelines

General guidance document which provides the conceptual framework for Mainstreaming DRR/CCA in EIA Studies

DRR/CCA-enhanced Environmental Impact Statement (EIS) Screening Forms

DRR/CCA-enhanced Initial Environmental Examination (IEE) Checklist Report Forms



EIS Screening Forms

Customized for specific industry type to allow for a more precise identification of:

- ☞ assessment needs in terms of specific impacts of each industry types
- ☞ the critical climate and disaster risk parameters that need to be incorporated in the EIA
- ☞ disaster risk reduction measures and/or climate change adaptation options that should be considered/studied and incorporated in the project design



DRR/CCA-enhanced EIS Screening Forms Developed

1. Agricultural Plantations
2. Food & Food By-product and Beverages Manufacturing Plants
3. Non-Food Manufacturing (Textile, Rubber, Chemical) Plants
4. Forestry Projects
5. Hydropower/Dam Projects
6. Mining Projects
7. Sanitary Landfill Projects
8. Thermal Power Plant Projects



IEE Checklist Report Forms

- ✓ *Simplified & Pro-forma EIA Report for specific for certain types of small projects*
- ✓ *When appropriately accomplished, serves as the EIA Report attachment to Environmental Compliance Certificate Applications*

☞ **Contains pre-identified climate change adaptation options**



DRR/CCA-enhanced IEE Checklist Report Forms Developed

1. Batching and Crushing Plant
2. Fisheries/aquaculture Projects
3. Food & Food By-product and Beverages Manufacturing Plants
4. Non-Food Manufacturing (Textile, Rubber, Chemical) Plants
5. Housing Projects
6. Building Projects
7. Cemetery and & other Funeral Facility Projects
8. Livestock /Piggery Projects
9. Resorts and other Tourism/Leisure Projects
10. Roads, Bridges
11. Water Supply Projects
12. Irrigation & Flood Control Projects
13. Sanitary Landfill Projects
14. *Generic IEE Checklist Report Form*



Key challenges in mainstreaming of climate change impacts and adaptation in EIA

Need to capacitate relevant/ Key stakeholders for effective implementation

What has been done so far...

- ➡ Initial Training for Trainers was conducted
- ➡ Pilot trainings conducted for some EIA Casehandlers & EIA Review Committee members
- ➡ Training Manual is currently being finalized



What needs to be done...

- ➡ Train other stakeholders
- ➡ Incorporate relevant learnings from this workshop in the training manual and guidelines

Key challenges in mainstreaming of climate change impacts and adaptation in EIA

Availability and Reliability of the needed climate change projection data

What has been done so far...

- ➡ Global & Regional Climate Change Projections for 2020 & 2050 has been downscaled to province level
- ➡ Identified critical areas in the EIA Guidelines for various project types where 2020 & 2050 climate change projection considerations should be incorporated



What needs to be done...

- ➡ Intensify Information Education (IEC) Campaign
- ➡ Technical Training for integrating CC projections in EIA Studies

That's All



Maraming Salamat po!!!

