Workshop on Low carbon Technology Transfer and Diffusion
2-3 March 2015, Thailand, Bangkok

Expectation from CLIMATE TECHNOLOGY CENTER AND NETWORK

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Outlines

• Policy Guidance
• Institution
• Climate Change Initiatives
• Gaps
• Approach
• Expectation from CTCN
**Policy guidelines : Environmental conservation**

- To lay down new policy for economic development in parallel with environmental conservation
- To review and amend laws and enact new laws on environmental conservation
- To conserve Forests and Biodiversity
- To reduce Air and Water pollution
- To control of Industrial Waste
- To extend Renewable Energy
- To mobilize participation of people and social organizations

**Efforts in term of policy and legislation**

- Environmental Policy (1994)
- Myanmar Agenda 21
- Environmental Conservation Law (2012)
- Environmental Conservation Rules (2014)
- EIA procedures (6th draft in 2015)
- Environmental Quality Guideline (Draft)
Relevant Institutions for Environmental Safeguards

- **Natural Resources and Environment Committee in Parliament**
  - Overview and Guidance on Environment and Natural Resources management

- **Water Resources Committee**
  - National Water Policy

- **MCCA**
  - National Climate Change Policy
  - 28 members

- **MIC**
  - Investments

- **Landuse Scrutinized Committee**
  - Landuse Policy

- **DNA**
  - Clean Development

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**International Agreement**

- **UNFCCC** (1994)
- **UNCCD** (1994)
- **UNCBD** (1994)
- **Montreal Protocol on Substances that Deplete the Ozone Layer, Montreal** (1993)
  - **Kyoto Protocol** (2003)
  - **Stockholm Convention** (2004)
Myanmar National Adaptation Plan of Action (NAPA) has been developed in cooperation with UNEP.

Priority areas and activities in eight main sectors for effective climate change adaptation were identified in NAPA.

The Initial National Communication (INC) has been implemented with the technical assistance of UNEP funded by Global Environment Facility (GEF) which has been submitted to the UNFCCC Secretariat.

Priority sectors identified for the climate change concerns
Energy, Industry, Agriculture and Livestock, Land use change and forestry, and Waste sector.

MOECAF is now preparing to commence the Second National Communication (SNC) project with the support of UNEP.
Initiatives for TNA

- TNA under the INC project to identify need of EST for Climate Change mitigation and adaptation
  - Not fully aware on environment
  - Lack of basic infrastructure and modern facilities
  - Lack of waste treatment system
  - Limited R&D
  - Lack of monitoring system
  - Needs: Financial and Technical support (EST)
    - Renewable Energy Technology
    - Energy saving and efficiency technology
    - Cleaner Technology

Plan to develop Climate Change Policy

Myanmar Climate Change Alliance Programme (MCCA) in cooperation with UNEP, UN-Habitat funded by EU

- to prepare National Climate Change Policy, Strategy and Action Plan integrating climate change in the development planning
- to mainstream climate change into the Myanmar policy development and reform agenda,

- MCCA steering committee (14 members from 10 ministries) Chaired by Union Minister of MOECAF
Challenges in Environmental Management

- Increasing investment of Development projects in terms of Oil & Gas, Hydropower, Highways, Industries and Special Economic Zones and Urbanization are largely increasing from Transformation of Natural Resources based Economy to Industrial-based Economy
  - Leading to cause environmental pollutions

Gaps

- Low carbon Green Development Policy and Strategies Framework
- Specific Rules, Regulation and Guidelines
- Environmental Sound Technology
- Research & Development Innovation
- Public Private Partnership
- Coordination Mechanism and Institution
- International Cooperation
- Financial Mechanism
Environmentally Sound Technologies (ESTs)

EST: that “protect the environment, are less polluting, use all resources in a more sustainable manner, recycle more of their wastes and products and handle residual wastes” to be significantly improved environmental performance.

Key considerations of EST for low carbon green economy

- Use less material and resources
- Use materials with less environmental impact
- Produce less pollution and waste
- Reduce the impacts of distribution
- Optimise functionality and service life
- Make re-use and recycling easier
- Reduce the environmental impact of disposal

Technological needs to be Low carbon society through EST

- the safeguard against environmental pollution.
Energy Security

- Central role in human and Economic development and key aspect of sustainable development.
- Impacts: Emissions, waste, land, water
- Improve our technology for energy efficiency

Energy and Low carbon emission

What our expectation from CTCN?
Climate Technology Center and Network-CTCN

**Mission:**

- Provide technical assistance to developing countries to enhance transfer of climate technologies
- Provide and share information and knowledge on climate technologies
- Foster collaboration and networking of stakeholders on climate technologies

**To stimulate technology cooperation and enhance the development and transfer of technologies to developing country parties at their request**

**Opportunities through CTCN**

- Gain access to new markets to provide technical assistance
- Opportunities to share expertise with a broader field
- Opportunity to learn about climate technologies
Immediate Further Plan for TNA assessing from CTCN

National Designated Entity (NDE)

- To identify NDE and submit nomination for NDE to CTCN in consultation with relevant Ministries
- To request CTCN for the assistance of Technical Need Assessment (TNA)

Thank You