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# **Mongolia: Country Perspective on Capacity Building Activities**

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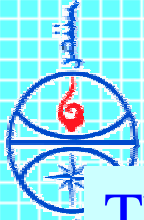
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## **UNFCCC and Its Kyoto Protocol implementation in Mongolia**

The Government of Mongolia signed the UNFCCC on June 12, 1992 at the Rio Summit and the Great Khural (Parliament) of Mongolia ratified it on September 30, 1993.

The Government of Mongolia ratified/accessed the Kyoto Protocol on 15 December 1999.



# Climate Change Studies in Mongolia

There have been conducted several climate change studies in Mongolia.

➡ The first climate change study carried out under the US Country Studies Program (USCSP) in which prepared the first GHG inventory for 1990 and conducted preliminary Vulnerability and Adaptation Assessment and GHG mitigation analysis.

➡ In 1999 Mongolia developed its National Action Programme on Climate Change (NAPCC) with assistance of the Government of the Netherlands.

➡ Mongolia developed its the Initial National Communication within the GEF/UNEP project and INC was submitted to the UNFCCC at the COP7 in 2001.

➡ GEF/WB Project for Technology Needs Assessment in Energy Sector of Mongolia is implemented.



## **Institutional arrangements (1)**

The Ministry of Nature and the Environment (MNE) and The National Agency for Meteorology, Hydrology and Environment Monitoring (NAMHEM) are leading agencies for implementation of UNFCCC in the country and climate change related studies.

MNE and NAMHEM are responsible for:

- \* National Climate Change Policy and Strategy
- \* National Climate Committee
- \* National Communications
- \* GHG Inventories
- \* Vulnerability and Adaptation Assessment
- \* GHG Mitigation Analysis and Strategies



## **Institutional arrangements (2)**

### **Participating Organizations:**

- \* Ministry of Nature and the Environment
- \* Ministry of Infrastructure
- \* Ministry of Agriculture
- \* Ministry of Food and Agriculture
- \* State Statistical Office
- \* Ulaanbaatar City Governor's Office
- \* Universities
- \* Private sector and NGOs



## **Institutional arrangements (3)**

National Experts Teams were created.

- GHG Inventory Team
- Climate Change Study Team
- GHG Mitigation Analysis Team

But, the Team is not permanent. National experts work on the contract basis when a inventory activities are necessary.



# Organisational chart





## Planning Immediate Objectives

1. Strengthening of national arrangements for climate change issues
2. Create a Sustainable institutional process
3. Enhance technical and institutional capacity for conducting climate change studies
4. Develop national legislative framework (Regulations, Manuals, Guidebooks, etc.)



# National Strategy (1)

The main strategies of the country are:

- to improve the quality of the GHG inventories and other climate change studies and analysis to be included in the Second National Communication.
- to sustain Technical and Institutional capacity



## National Strategy (2)

### Activities to strengthen national arrangements :

- \* Training of Decision makers, Stakeholders, National Experts and End-users
- \* Development of Long-term National Strategies
- \* Identification of the national institutions and organisations to be targeted for long-term involvement in the climate related studies, in particular in GHG inventory process.



## **Example of Capacity Building Activities.**

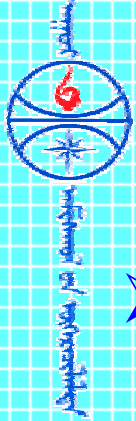
### *GEF/WB Project for Technology Needs Assessment in Energy Sector of Mongolia:*

- ✓ The main objective of the project is "Enhance experience and information for the preparation of national communications" through National Capacity Building. The criteria of the objective is to identify gaps and make recommendations to better coordinate various activities and programmes in order to enhance the preparation of national communications;
- ✓ The primary aspects to conduct activities to fulfill the objective are Assessment of Technology Transfer Needs in Mongolia Energy Sector, Public Awareness and Education, Enhancement of National capacities to Prepare National Communications.



## *Activity 1: Technology Needs Assessment in Energy Sector of Mongolia:*

- Report on Technology Needs Assessment in Energy Sector in Mongolian and English language.
- Training material in industry and HOB sector in Mongolia.
- Summary and Recommendation of Technology Needs Assessment in Energy Sector for decision makers in Mongolian language.



## *Activity 2: Public Awareness and Education: (1)*

- Three books as "Climate change", "Greenhouse Gas and Greenhouse effect" and "Climate change and sustainable development for the students under graduation, M.Sc and Ph.D. studies have been published.
- Two information kits as "GHG emission and its mitigation" and "Climate Change" for policy and decision makers and public have been published.
- All materials that published and reports, lecture and presentations made under this activity have been published on CD.



## *Activity 2: Public Awareness and Education: (2)*

- Form of School Time-table with climate change questions have been produced.
- Two introductory materials on climate change for the public have been published in the "Tsag" newspaper.
- There have been organized number of workshops and seminars at the ministerial as well as at the University educational level.



### *Activity 3. Enhancement of National capacities to Prepare National Communications (1)*

- National climate change Web-site have been established. The domain name of this web-site is *www.mongolclimate.mn*.

This web is deigned for the distribution of the information and results that produced past and ongoing climate change activities in Mongolia. Most important books, booklets, information kits, posters, articles and presentations that have been produced under past and ongoing climate change studies have been put in the web.



### *Activity 3. Enhancement of National capacities to Prepare National Communications (2)*

- Networked data-base of the results of the climate change studies have been established in the climate change study team at the Institute of Meteorology and Hydrology. The networked database is based on Windows Server 2000 as operating system. The feature of the system is Terminal Services adds terminal support to the Windows 2000 Server. This database is linked to the web-site.
- There have been organized the training on designing and operating web-site and database and prepared the experts of the climate change study team for further permanent operation of current climate change study.





**THANK YOU**