

Enabling China to Prepare Its Second National Communication

The Challenge

As a developing country at a relatively low development stage and with a huge population, China is vulnerable to the severe challenges when coping with climate change along with the acceleration of urbanization, industrialization and the increase of residential energy consumption. The Chinese Government attaches great importance to its international obligation in tackling the climate change. Having been a party to UNFCCC since 1992 and submitted the Initial National Communication (INC) with a national inventory of Greenhouse gas (GHG) emissions in 2004.

The INC has laid a great foundation for the international community to have a comprehensive understanding of the efforts of China in combating climate change. Despite the INC's efforts, there was still room for improvement for Second National Communication (SNC) in terms of capacity building efforts; existing data system; data monitoring; choice of methods; compilation and quality control of the data; and financial and technical support, etc.

The Response

The current project aims at facilitating and enabling China to better fulfill its obligations and submit the SNC to the UNFCCC. There are 6 major components composed in the project with a wide range of supporting activities:

1. Inventory of GHG emissions, development of GHG inventory database and GHG emission forecasting and modeling systems of 7 sub-components, namely energy; agriculture; industry; forestry; waste treatment; GHG database; and projection methodology
2. Completion of the assessment of the impacts of climate change on China and its vulnerabilities
3. Improvement of public awareness on climate change
4. Presentation of inventories of GHG emissions of HKSAR and Macau SAR

5. Supplementary support activities for achieving the UNFCCC objectives
6. Publication and dissemination of the documents on China's SNC to UNFCCC

Achievement

With the current project enabling China's submission of SNC to UNFCCC, it is expected to achieve the global and national benefits.

Globally, the project facilitates China to fulfill its obligations under UNFCCC and assists her in making new contributions to protect global climate.

Nationally, it is anticipated to contribute to:

- comprehensive understanding of the GHG emissions from different source categories
- better capability of the country for modeling, analyzing and projecting future GHG emissions
- better understanding of China's vulnerability to the threats of climate change
- improving public awareness on climate change
- clear understanding of the GHG emissions and climate change situation in the Hong Kong and Macau SARs
- enhancing the capacity of Chinese government in integrating climate change into socio-economic development planning and informing NLGCC for better policy-decision making

At A Glance

Project Start Time: 2008
 Project End Time: 2012
 Implementing Partner: National Development and Reform Commission (NDRC), China
 Project ID: 00054162

UNDAF Goal: Outcome 5 – Increased role and participation in international arena and international cooperation

CPAP: Outcome 9 – Key United Nations Conventions promoted through improved capacity to fulfill their obligations

Total Budget: US\$ 1,690,500
 GEF Fund: US\$ 1,690,000

To contribute to this initiative or to request more information about any of our programme please visit our website at www.undp.org.cn. Alternatively you can contact us on + 86 (10) 8532 0800 or by email at registry.cn@undp.org.