

6th Workshop on Greenhouse Gas Inventories in Asia

Other GHG Inventory Related Issues

Discussion Group 4: Other GHG Inventory Related Issues

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Relevance of inventory data on policy making

Roles of GHG Inventories in Policy Making

➤ Identify priorities for reduction policies

- ◆ Developing an accurate GHG inventory can help define priorities and set objectives for reducing emissions.

➤ Evaluate reduction policies

- ◆ An accurate, complete inventory is necessary to evaluate GHG emissions mitigation policies on current levels of emissions.

➤ Forecast emissions

- ◆ The GHG inventory is the basis for forecasting future emission levels to determine which emission sources might require further controls.

Roles of GHG Inventories in Policy Making

➤ Identify CDM opportunities

- ◆ Developing an accurate GHG inventory can help identify areas where CDM potentials exist.

➤ Identify priorities for local air pollution policies

- ◆ The GHG inventory data can be used to compile inventories for NO_x, SO_x, etc. and help prioritize sources for reducing local air pollution.

➤ Improve quality of parameter data

- ◆ Improving the GHG inventory requires improvement of parameter data (energy/industry/land use statistics) which can benefit other policies.

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Awareness raising

Awareness-raising in Japan

- Awareness of the climate change issue and the amount of emissions is very high in Japan, thanks to the **“Team Minus 6%”** campaign.
- The name is a reference to Japan's commitment to reduce its GHG emissions to 6% below 1990 levels.
- Public announcements on the national GHG emissions inventory are made every year showing the emissions from all major sources.
- Industries emitting over 3,000 tons CO₂ equivalent are required to report amount of emissions and their emissions are made public.

The “Team Minus 6%” campaign

- Japan promotes “Team Minus 6%” campaign through:
 - ◆ Media (television, internet, newspapers, etc.);
 - ◆ Distribution of pamphlets;
 - ◆ Holding of symposiums.
- Examples of campaigns under the “Team Minus 6%” :
 - ◆ **Cool Biz, Warm Biz**: encourages people to dress to keep cool in summer and warm in winter to reduce energy consumption in the workplace.
 - ◆ **1 kg-CO₂ reduction a day per person challenge**
- “Team Minus 6%” website describes all campaigns and ways the public can reduce their emissions.

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Information exchange

Benefits of Information Exchange

- **Improve the quality of GHG inventories**
 - ◆ Default emission factors in the IPCC Guidelines may not appropriately reflect national/regional circumstances in Asian countries. Using a country-specific emission factor from an Asian country may be more appropriate.
 - ◆ Sharing of information improves efficiency in making improvements to the inventory.
- **Explore possibilities to develop region/country-specific methodologies and emission factors**

Status of Information Exchange

➤ In Europe...

- ◆ The EU holds workshops that address challenges Member States face to improve specific issues together.

➤ In Asia...

- ◆ WGIA provides Asian countries a chance to exchange information, but more general information is presented and discussed.
- ◆ Focusing on more specific issues during WGIA meetings may prove useful to Asian countries.

Summary

- GHG Inventories is a useful tool for
 - ◆ Formulating/evaluating policies;
 - ◆ identifying CDM possibilities; and
 - ◆ Improving quality of data collection.
- Awareness is important so that people realize how much GHG is being emitted and can be involved in dealing with climate change.
- Information exchange on country-specific emission factors and methodologies can help improve our GHG Inventories.

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ありがとうございました
(thank you very much)