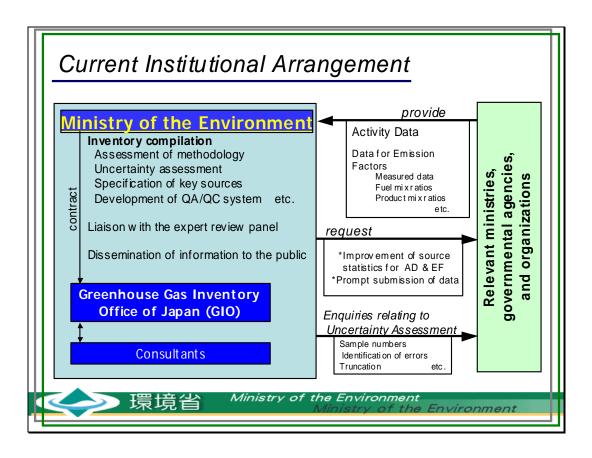


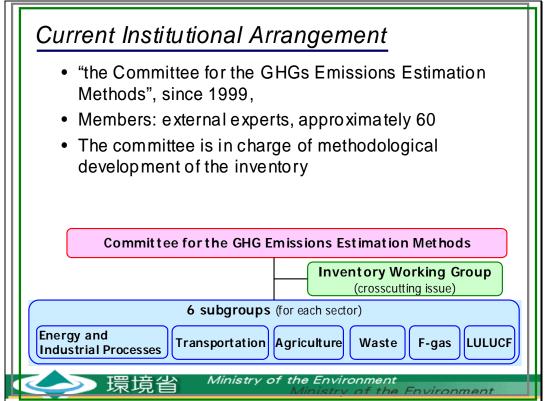
Outline

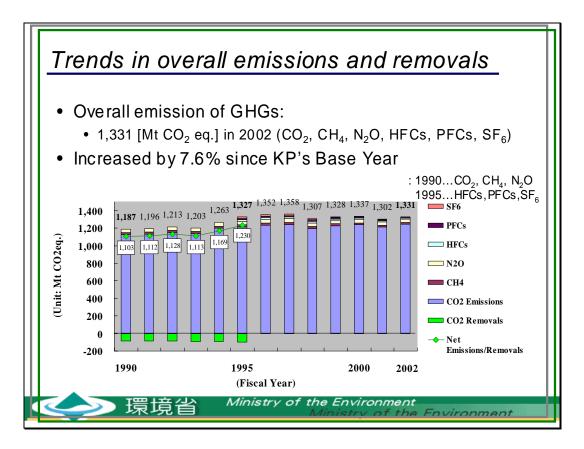
- ➤ National Level: Japan's National Inventory
 - ➤ Background
 - Trends in overall emissions and removals
- Local Level: Guideline for local governments
 - ➤ to promote local activities against Climate change by establishing area specific action plan, Global Warming Countermeasures Area Promotion Plan
 - > Plan, Do, Check, Action

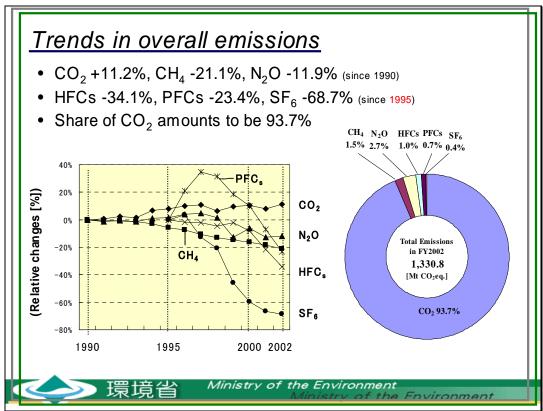
How we actually use Inv as a basis of policy making

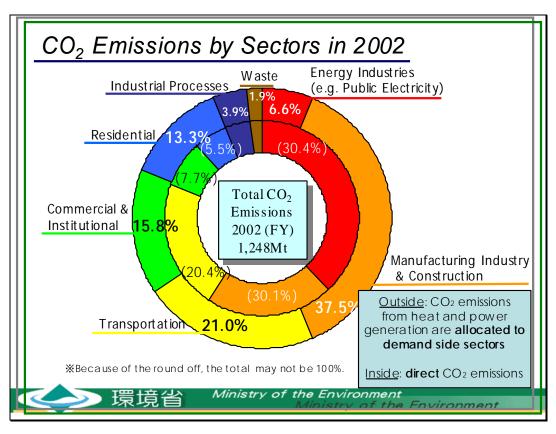


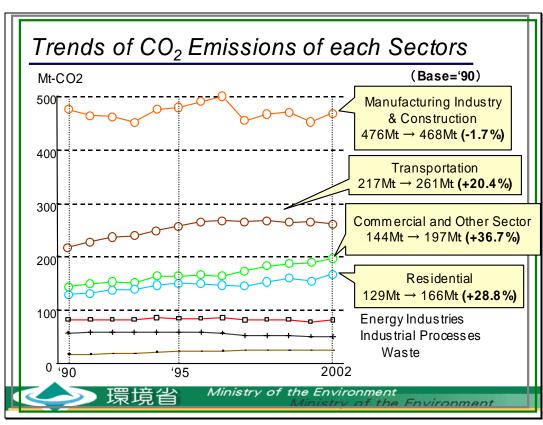


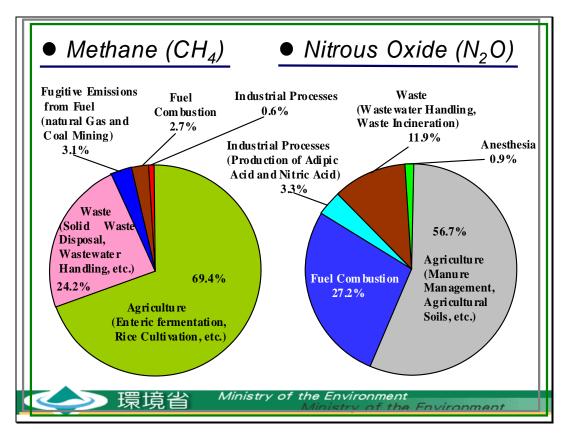


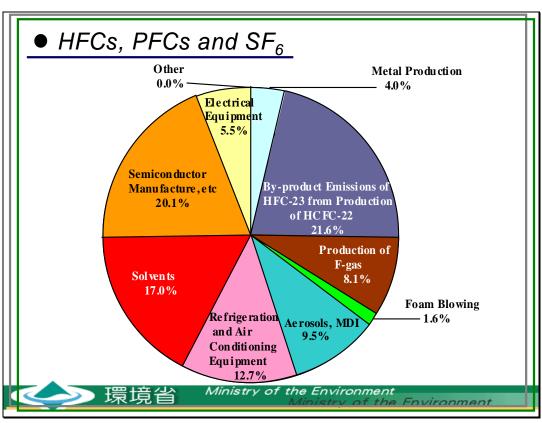












Guideline to Establish Global Warming Countermeasures Area Promotion Plan

Guideline for Local Governments

Background

- 1990: Action Program for Arrest Global Warming
- 1993: Guideline to Establish "Global Warming Countermeasure Area Promotion Plan"
- <u>2002</u>: Revision of "Law to Promote Global Warming Countermeasures"
 - Each Entities' (National Government, Local Government, Enterprising body, Citizen) responsibilities are clearly indicated
 - Under this Law, Local Governments are encouraged to promote their area specific plan of GW countermeasures
- 2003: Revision of Guideline to Establish "Global Warming Countermeasure Area Promotion Plan"

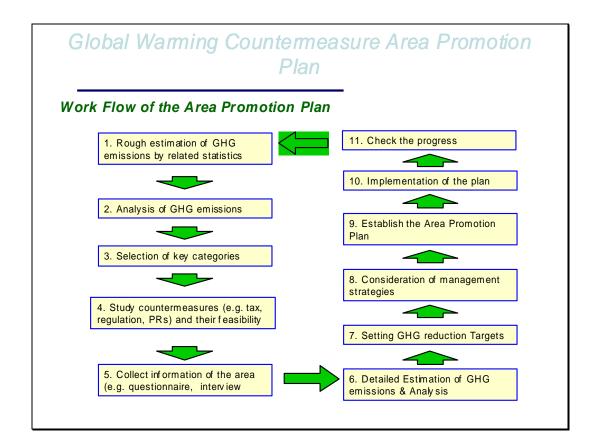
Objective of the Guideline

- To facilitate Local Government establishing GW Countermeasure Area Promotion Plan
- The Guideline is:

to grasp the actual GHG emissions to find the key emission sources to be addressed

(geographical, socio-economical characteristics need to be considered)

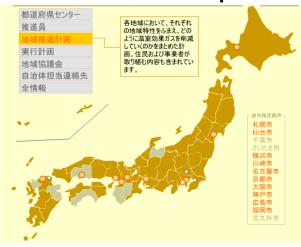
to evaluate the effects of conducted countermeasures against climate change



Current Status

 44 Prefectures and Large Cities have established GW Countermeasure Area

Promotion Plans as of April 2004



Summary of the Guideline

Target User

- Prefectures (47) and
 Large Cities (13) (government ordinance designated cities)
- Municipalities are also expected and encouraged to use the Guideline

Target Coverage

- GHG Emissions from any activities in the area
- Evaluation of countermeasures, which are strongly expected to promote in the area

G W Countermeasure Area Promotion Plan

Target Activities of Area Promotion Plan

- GHG emissions caused by anthropogenic activities in the area are expected to be covered.
- Activities are classified into 5 categories; Energy Industries, Manufacturing and Construction Industries (Blue Workers), Resident & Commercial (White Workers and daily lives), Transport, Waste

Relationship with category of GHG Inventory

1. Energy Industries
 2. Industries
 1 A fuel combustion, 1 B fugitive emissions
 CO₂ allocated by electricity consumption*

1 A fuel combustion

2 Industrial Processes (incl. F-gas), 4 Agriculture

3. Resident & Commercial CO2 allocated by electricity consumption*

1 A fuel combustion

4. Transport 1 A fuel combustion

5. Waste 6 Waste

*These emissions are indirect emissions

G W Countermeasure Area Promotion Plan

Policy and Measures of Local Government on Global Warming

- Countermeasures according to each local government's geographical & social-economical conditions
- Countermeasures need not to cover all activities
- Feasibility counts

To Grasp the actual GHG emissions

- Estimate GHG emissions in the area, by category, and/or by gas
- Estimation methods are indicated in the guideline (Chapter 1 5)
- Each local government should choose methods taking into consideration its area-specific conditions

Global Warming Countermeasure Area Promotion Plan

Target of the Area Promotion Plan

- can be quantitative or qualitative
- each local governments' targets can be deferent according to its geographical and/or socio-economical characteristics

Examples of Target,

- E1: To reduce the certain % of total GHG emissions in the area compared to the base year by target year
- E2: To reduce the certain % of GHG emissions related to domestic life compared to the base year by target year
- E3: To reduce the certain % of GHG emissions per capita in the area compared to the base year by target year
- E4: "Some" industrial segment will reduce the certain % of total GHG emissions compared to the base year by target year

Global Warming Countermeasure Area Promotion Plan

Responsible Entity

- Countermeasures for all or main stakeholders in the area (citizens, companies and local government itself)
- Establishment of a forum for stakeholder dialogues is encouraged.

(e.g. Local Conference for Global Worming Countermeasures)

Target Period

- Revision in conjunction with the national Policy Programme is preferable.
- National Policy Programme on Climate Change takes step by step approach.

1st Step: 2002 – 2004
 2nd Step: 2005 – 2007

• 3rd Step: 2008 - 2012

