

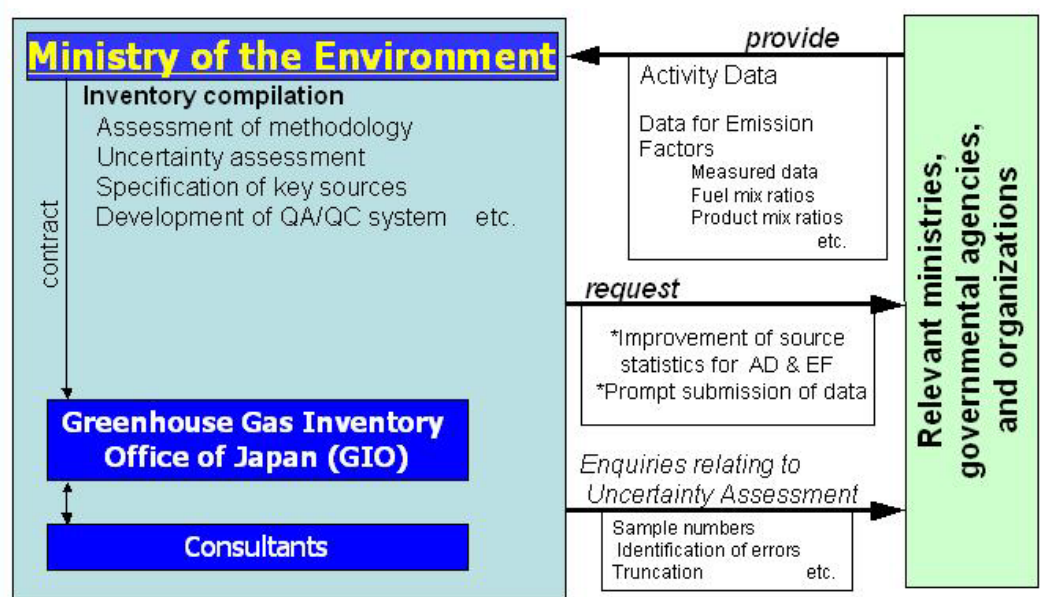


Japan's News on the development of GHG inventories

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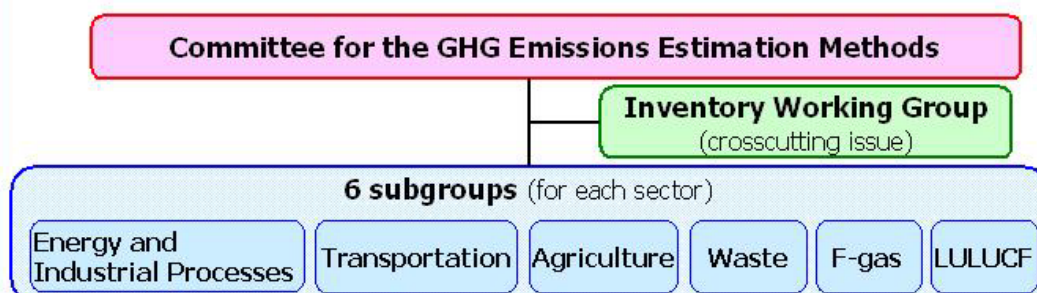
Workshop on GHG Inventories in Asia Region
 February 23-24, 2006

Current Institutional Arrangement



Current Institutional Arrangement

- “the Committee for the GHGs Emissions Estimation Methods”, since 1999,
- Members: external experts, approximately 60
- The committee is in charge of methodological development of the inventory



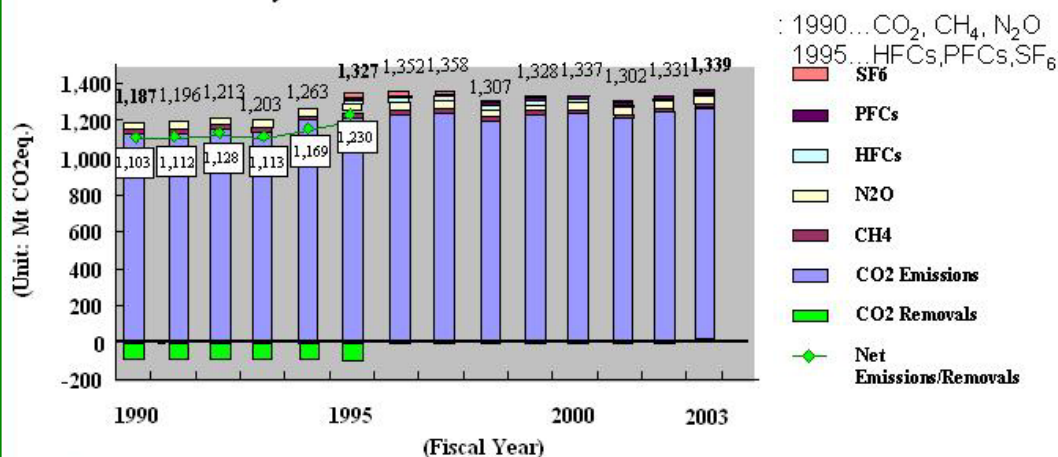
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Trends in overall emissions and removals

- Overall emission of GHGs:
 - 1,339 [Mt CO₂ eq.] in 2003 (CO₂, CH₄, N₂O, HFCs, PFCs, SF₆)
- Increased by 8.3% since KP's Base Year



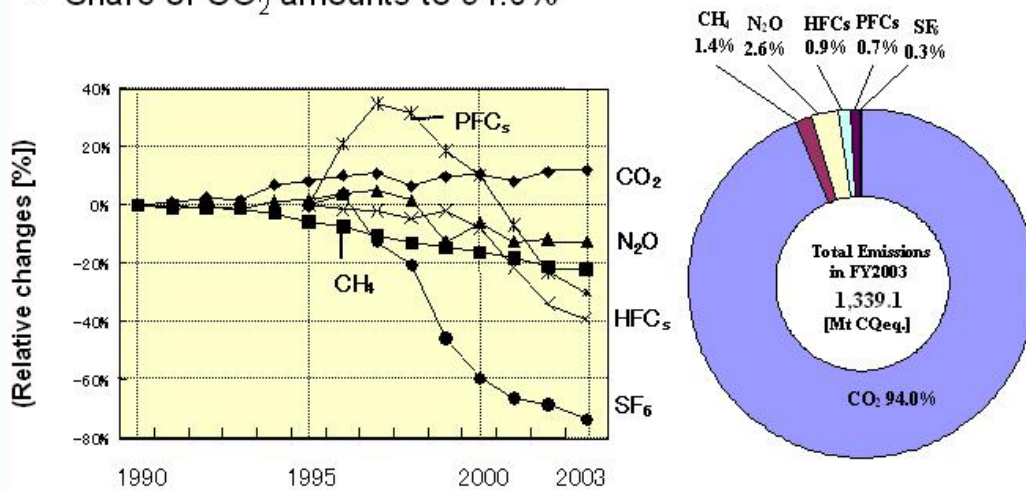
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Trends in overall emissions

- CO₂ +12.2%, CH₄ -22.1%, N₂O -13.9% (since 1990)
- HFCs -39.2%, PFCs -28.2%, SF₆ -73.6% (since 1995)
- Share of CO₂ amounts to 94.0%

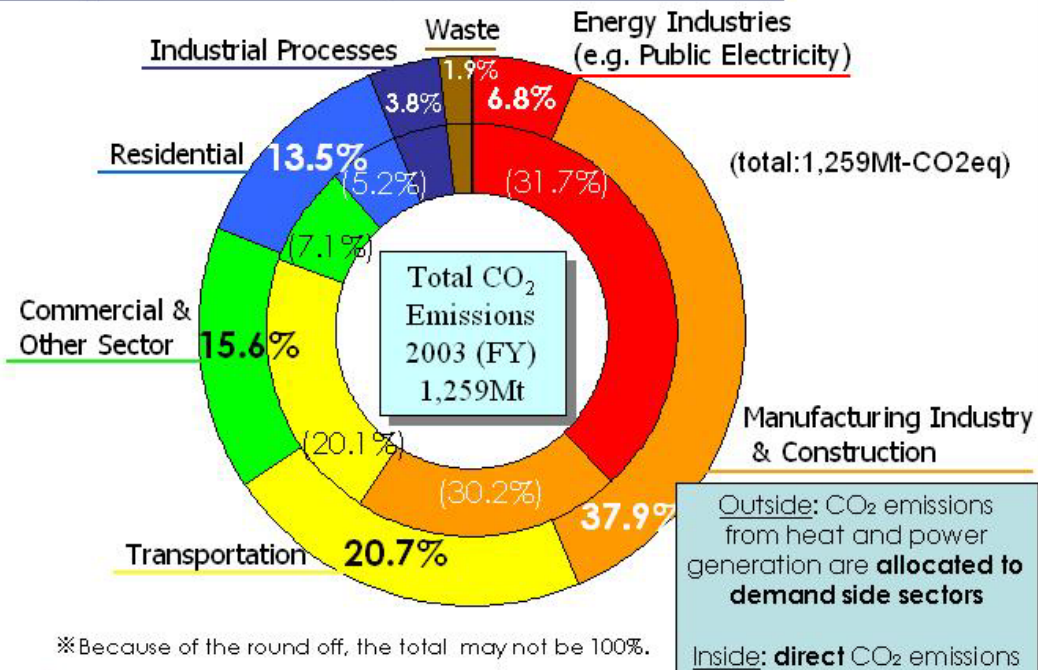


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CO₂ Emissions by Sectors in 2003

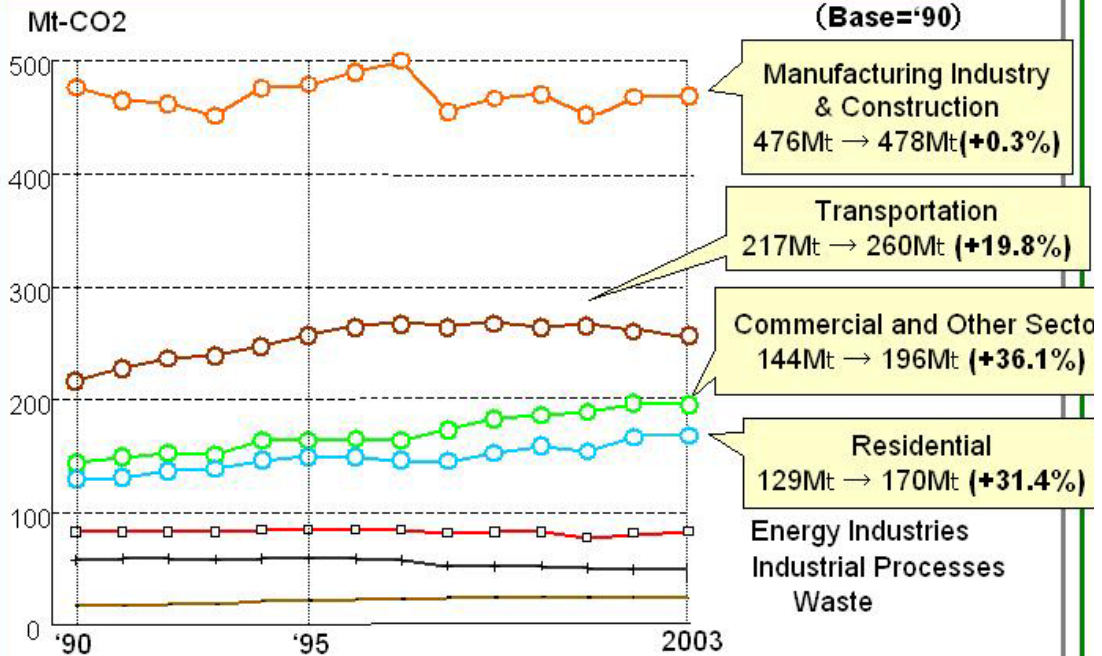


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Trends of CO₂ Emissions of each Sectors

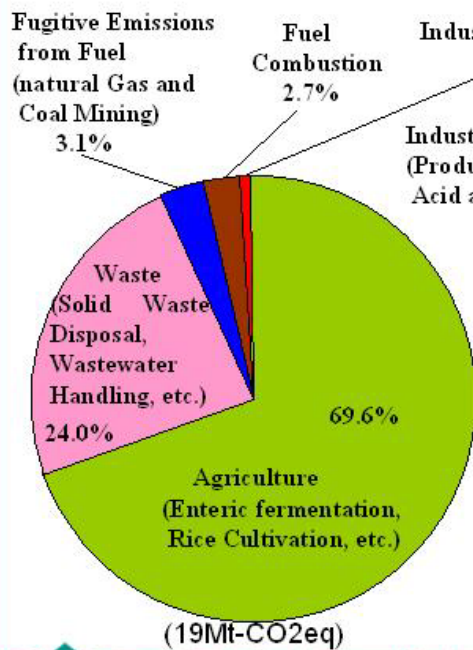


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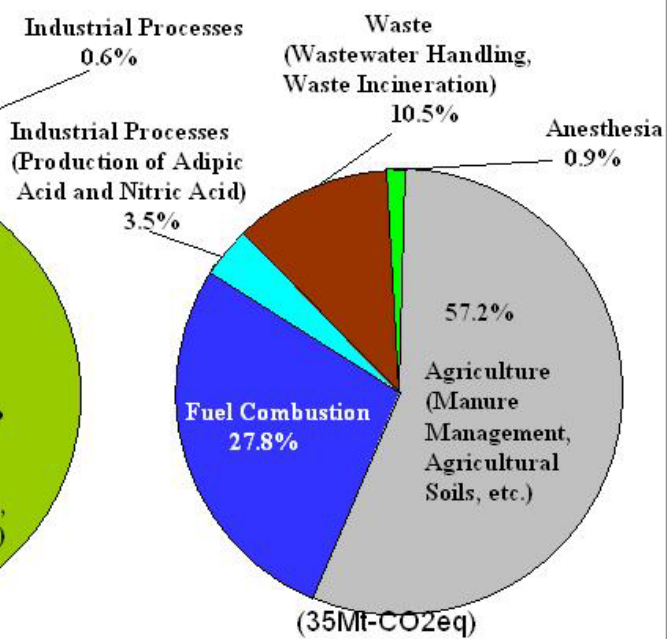
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● Methane (CH₄)



● Nitrous Oxide (N₂O)

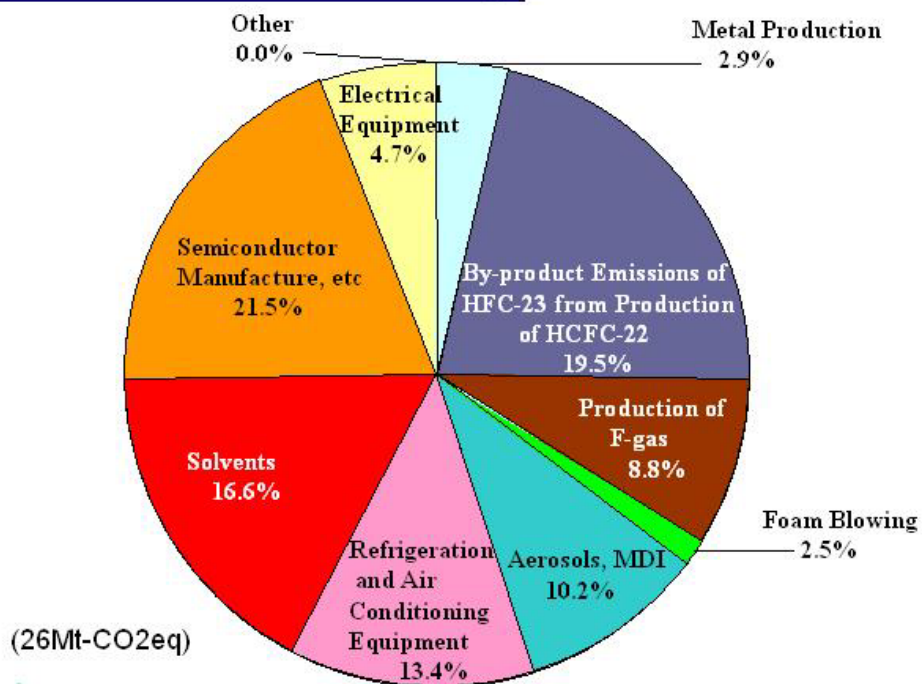


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● HFCs, PFCs and SF₆



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Kyoto Protocol Target Achievement Plan

- Established on April 2005
- Based on the review of Existing Countermeasures and Future Outlook
- Consist of various Policies and Countermeasures

Future outlook

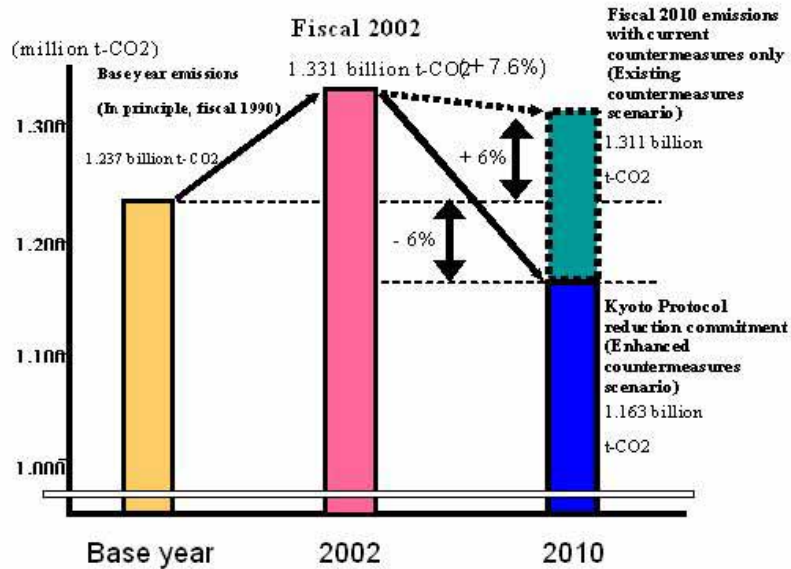


Figure Japan's six percent Reduction Commitment under the Kyoto Protocol and Japan's Greenhouse Gas Emissions

(Unit: Million t-CO₂)

	Base year	fiscal 2002		Existing countermeasures scenario in fiscal 2010		Enhanced countermeasures scenario in fiscal 2010	
		Million t-CO ₂	Million t-CO ₂	Ratio to base year total emissions	Million t-CO ₂	Ratio to base year total emissions	Million t-CO ₂
Energy-originated CO ₂	1,048	1,174	10.2%	1,115	5.4%	1,056	0.6%
Non-energy-originated CO ₂	74	73	-0.1%	74	0.0%	70	-0.3%
CH ₄	25	20	-0.4%	20	-0.3%	20	-0.4%
N ₂ O	40	35	-0.4%	35	-0.4%	34	-0.5%
HFC	20	13	-0.6%	46	2.1%	34	1.1%
PFC	13	10	-0.2%	9	-0.3%	9	-0.3%
SF ₆	17	5	-0.9%	12	-0.4%	8	-0.7%
Greenhouse gas emissions	1,237	1,331	7.6%	1,311	6.0%	1,231	-0.5%

Source of Greenhouse Gas Absorption -3.9%

Utilization of the Kyoto Mechanism -1.6%

Total -6.0%



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