

Table 1 Official Views on Long Term Climate Targets (summary)

Party ^{*1}	Organization	Emission Reduction Target (Annex I Parties ^{*2})	Emission Reduction Target (Global)	Upper limit of GHG Concentration in the atmosphere	Limit to Global Temperature Increase
Japan	Sub-Committee for International Climate Change Strategy, Central Environment Council, Ministry of the Environment May 2005 (so far only Council Report, not Government Policy)	---	Substantial Reduction of GHG ^{*3} Emission (10% reduction by 2020, 50% by 2050, 75% by 2100 from 1990 level)	Significantly less than 550ppm (GHG, 475ppm)	2°C above pre-industrial level ^{*5}
Germany	WBGU: Oct.2003	At least 20% reduction of CO ₂ emission due to fossil fuel ^{*4} by 2020 from 1990 level	45-60% reduction of CO ₂ emission due to fossil fuel ^{*4} by 2050 from 1990 level	450ppm (CO ₂)	2°C above pre-industrial level ^{*5}
UK	RCEP: June 2000 DTI: Feb. 2003	60% reduction of CO ₂ emission due to fossil fuel ^{*4} by 2050 from present level	---	550ppm (CO ₂)	2°C above pre-industrial level ^{*5}
France	MIES: Mar.ch 2004	CO ₂ emission target for France: 32 Mt-C ^{*5} by 2050 (75% reduction from 2000 level)	CO ₂ emission target 3Gt-C ^{*6} (about 50% reduction from 2000 level) Per capita GHG target: 0.5t-C ^{*6}	450ppm (CO ₂)	2°C above pre-industrial level ^{*5}
Sweden	Environmental Protection Agency Nov. 2002	Per capita GHG target: 4.5t-CO ₂ by 2050 (about 50% reduction from present level)	Per capita GHG target: 1t-CO ₂ for stabilization at 450ppm ^{*7}	550ppm(GHG, CO ₂ equivalent)	3 °C above pre-industrial level ^{*5}
Denmark	Ministry of Environment and Energy, 1996	50% reduction of CO ₂ emission by 2030 from 1990 level (target for Denmark)		450ppm (CO ₂)	
EU	Council Meeting March 2005	15-30% reduction of GHG emission by 2020, and 60-80% by 2050 compared to the baseline envisaged in the Kyoto Protocol	GHG emissions to peak within 2 decades, at least 15% and perhaps by as much as 50% reduction of GHG emission by 2050 from 1990 level	550 ppm (GHG, CO ₂ equivalent)	2°C above pre-industrial level ^{*5}

* 1 Countries that have already expressed Long-term Climate Targets. In order of the volume of CO₂ emission in 2002.

- *2 "Annex I Parties" are "developed countries" that consist of members of OECD (excluding South Korea and Mexico) and "economies in transition". Some of the countries define the reduction target in terms of "developed countries" instead of "Annex I Parties".
- *3 6 Greenhouse gasses as defined in the Kyoto Protocol: carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulphur hexafluoride (SF₆).
- *4 CO₂ emission from combustion of coal, oil and natural gas, (not including CO₂ emission from industrial processes and waste management).
- *5 the pre-industrial era, i.e., before the society was industrialized (about 1850)}
- *6 ton carbon, 1t-C=44/12 t- CO₂
- *7 not expressed as target