

Gist of the Kyoto Protocol Target Achievement Plan

Target

- Ensure 6% reduction commitment under the Kyoto Protocol
- Steady implementation of a continuous as well as long-term GHG emissions reduction on a global scale

Basic Idea

- Integration of the environment and the economy
- Promotion of technological innovation
- Promotion of participation and collaboration by all the stakeholders
- Utilization of various policy measures
- Prioritization of the evaluation and review process
- Ensuring international collaboration

Targets of GHG reduction/absorption

GHGs	Target		Projected reduction in FY 2010 under existing measures (+12% #) # Total reduction with projected increase caused by economic growth and reduction by existing measures over actual achievement in FY2002 (+13.6%)
	Emissions in FY 2010 (million tons-CO ₂)	Compared to FY 1990 (Total emission over the base year)	
Energy related CO ₂	1,056	+0.6%	-4.8%
CO ₂ from Non - energy sources	70	-0.3%	-0.4%
Methane	20	-0.4%	
N ₂ O	34	-0.5%	-1.3%
Other GHGs	51	+0.1%	
Sink including forests	-48	-3.9%	-3.9%
Kyoto Mechanism	-20	-1.6%*	*-1.6%
Total	1,163	-6.0%	-12%

* Difference between reduction target (minus 6%) and domestic measures

Policy measures to accomplish the target

Policies and measures on GHGs emissions reduction and sinks

1. Policies and measures on GHGs emissions reduction and sinks
 - a. Energy related CO₂
 - Promote measures on energy related apparatus as well as on individual facility/stakeholder
 - Take measures to shift socio-economy including urban/regional structure and public transportation infrastructure into low carbon one
 - b. CO₂ from non-energy sources
 - Promote the use of blended cement and promotion of reduction measures on CO₂ generated by waste incineration
 - c. Methane
 - Reduction of final disposal volume
 - d. N₂O
 - Improvement of incineration process in incineration facility for sewage sludge and municipal solid waste
 - e. Other GHGs (HFC, PFC, SF₆)
 - Promote systematic actions by industries and development and use of alternatives
 - Collect HFC filled in apparatus as refrigerant complying with regulation
2. GHG Sinks
 - a. Securing absorption
 - Comprehensively and steadily promote measures to achieve the goals of the Basic Plan for Forest and Forestry
 - b. Promote urban greening
3. Kyoto Mechanism
 - Public and private sectors will further cooperate to promote the effective utilization of Kyoto Mechanism, by which environment-related technologies are transferred to developing countries in exchange for emission credits. Measures to facilitate credit acquisition will be discussed with a view to implementing them from FY 2006

Cross-sectoral measures

-Public awareness raising campaign -Initiatives by public institutions -GHG accounting, reporting and announcement -Policy mix

Basic measures

-Domestic system to account GHG emissions and absorption -Promotion of technology development and R&D -Promotion of international collaboration and cooperation

Organizational arrangements

-Annual review and quantitative assessment of the Plan in FY 2007 -The Headquarters will take the lead in steadily implementing the Plan