

GP 34P

Summary of Actions to Reduce Greenhouse Gas Emissions

Name of Policy or Measure	Objective and/or Activity Affected	GHG Affected	Type of Instrument	Status	Implementing Entity/Entities	Estimate of Mitigation Impact, by Gas (for Particular Year, in CO2 Equivalent)			
						2000	2005	2010	2020
ENERGY									
Commercial and Residential									
Energy Star in Commercial Market	Promotes the improvement of energy performance in commercial buildings	CO2	Voluntary	Implemented	EPA				
Commercial Building Integration					DOE				
Energy Star for the Residential Market	Promotes the improvement of energy performance in residential buildings beyond the labeling of products	CO2	Voluntary; Outreach	Implemented	EPA				
Residential Building Integration					DOE				
Energy Star Labeled Products	Label to distinguish energy efficient products in the marketplace	CO2	Voluntary; Outreach	Implemented	EPA/DOE				
Building Equipment and Materials					DOE				
Community Energy Program					DOE				
Weatherization Assistance Program					DOE				
Slate Energy Program					DOE				
Heat Island Reduction Initiative	Reverse effects of urban heat islands by encouraging use of mitigation strategies	CO2	Voluntary; Information; Research	Implemented	EPA [Mercado]				Numbers reported under Forestry
Construction of Energy-Efficient Buildings [Roll EPA portion into Energy Star???	Eliminate barriers to capturing potential energy savings from new buildings	CO2	Voluntary	Implemented	EPA/DOE [Coyle]				Numbers included in Comm. Bldgs.
PATH		CO2		?	DOE/EPA/HUD				
Industrial									
Vision Industries					DOE				
Energy Star for Industry (formerly Climate Wise)	Enable industrial companies to evaluate and cost-effectively reduce energy use	CO2	Voluntary	Implemented	EPA				
Enabling Technologies					DOE				
Financial Assistance					DOE				
Industrial Technology Assistance					DOE				
Energy Supply									
Biopower					DOE				
Distributed Energy Resources					DOE				
Geothermal Energy					DOE				
High Temperature					DOE				
Superconductivity					DOE				
Hydrogen					DOE				

Natural Gas Star Program	Reduce methane emissions from U.S. natural gas systems through the widespread adoption of industry best management practices	CH4	Voluntary/Negotiated Agreement	Implemented	EPA				
Coalbed Methane Outreach Program	Reduce methane emissions from U.S. coal mining operations through cost-effective means	CH4	Information; Education; Outreach	Implemented	EPA				
Narrow Use of Chemicals with high GWPs (SNAP)	Facilitate smooth transition away from ozone depleting chemicals in industrial and consumer sectors	High GWP	Regulatory; Information	Implemented	EPA				
Refrigerant Venting Prohibition & Recycling	Extend recycling requirements for ozone-depleting refrigerants to HFC refrigerants	HFCs	Regulatory	Planned (proposed rule)	EPA [J. Banks]				
Environmental Stewardship Initiative	Limit emissions of HFCs PFCs and SF6 in industrial applications	High GWP	Voluntary/Negotiated Agreement	Implemented	EPA				
Partnership with Manufacturers of HCFC-22	Encourage reduction of HFC-23 emissions through cost-effective practices or technologies	HFC-23	Voluntary/Negotiated Agreement	Implemented	EPA				
Partnership with Aluminum Producers	Encourage reduction of CF4 and C2F6 where technically feasible and cost-effective	PFCs	Voluntary/Negotiated Agreement	Implemented	EPA				
AGRICULTURE									
Agricultural Outreach Programs	Promote practices to reduce ghg emissions at U.S. farms	CH4	Information; Education; Outreach	Implemented	EPA/USDA	not reported	not reported	not reported	not reported
Improve Efficiency of Fertilizer Nitrogen Use	Efforts to reduce nitrous oxide emissions through improving efficiency of fertilizer nitrogen	N2O	Technical Assistance; Information	Implemented	EPA/USDA				
AgSTAR Program									
Ruminant Livestock Efficiency Program									
FORESTRY									
Heat Island Reduction Initiative	Reverse effects of urban heat islands by encouraging use of mitigation strategies	CO2	Voluntary; Information; Research	Implemented	EPA				
Reduce Depletion of Nonindustrial Private Forests	Reduce potential of over harvesting on private lands	CO2	Information; Outreach	Terminated	USDA	not reported	not reported	not reported	not reported
Accelerate Tree Planting in Nonindustrial Private Forests	Sequester carbon in trees, forest soils, forest litter and understudy plants	CO2	Technical/Financial Assistance	Implemented	USDA				
WASTE MANAGEMENT									
Stringent Landfill Rules	Reduce methane/landfill gas emissions from U.S. landfills	CH4	Regulatory	Implemented	EPA				
Landfill Methane Outreach Program	Reduce methane emissions from U.S. landfills through cost-effective means	CH4	Voluntary/Negotiated Agreements; Information; Education; Outreach	Implemented	EPA				

