

Federal Agencies Participating in the U.S. Climate Change Technology Program and Examples of Related Activities

AGENCY*	SELECTED EXAMPLES OF CLIMATE CHANGE-RELATED TECHNOLOGY R&D ACTIVITIES
DOC	Instrumentation, standards, ocean sequestration, decision support tools
DoD	Aircraft, engines, fuels, trucks, equipment, power, fuel cells, lasers, energy management, basic research
DOE	Energy efficiency, renewable energy, nuclear fission and fusion, fossil fuels and power, carbon sequestration, basic energy sciences, hydrogen, electric grid and infrastructure
DOI	Land, forest, and prairie management, mining, sequestration, geothermal, terrestrial sequestration technology development
DOS	International science and technology cooperation, oceans, environment
DOT	Aviation, highways, rail, freight, maritime, urban mass transit, transportation systems, efficiency and safety
EPA	Mitigation of CO ₂ and non-CO ₂ GHG emissions through voluntary partnership programs, including ENERGY STAR [®] , Climate Leaders, Green Power, combined heat and power, state and local clean energy, methane and high-GWP gases, and transportation; GHG emissions inventory
HHS	Environmental sciences, biotechnology, genome sequencing, health effects
NASA	Earth observations, measuring, monitoring, aviation equipment, operations and infrastructure efficiency
NSF	Geosciences, oceans, nanoscale science and engineering, computational sciences
USAID	International assistance, technology deployment, land use, human impacts
USDA	Carbon fluxes in soils, forests and other vegetation, carbon sequestration, nutrient management, cropping systems, forest and forest products management, livestock and waste management, biomass energy and bio-based products development

*Table 1-1.
Federal Agencies
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* Agency titles for the acronyms above are shown in the list of Abbreviations and Acronyms