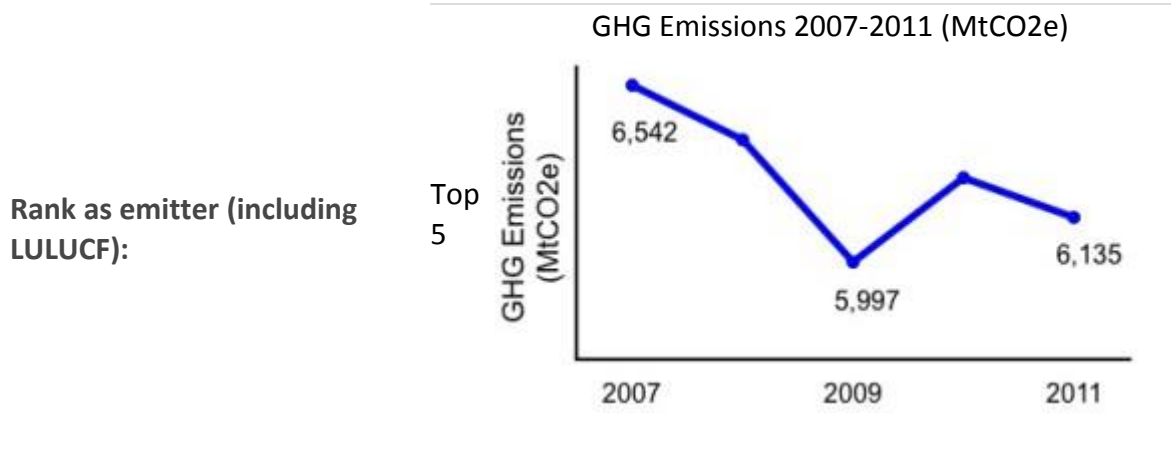


Emissions



Country-reported GHG emissions (incl. LULUCF) (MTCO ₂):	5546.3 (reporting year: 2012)
Country-reported GHG emissions (excl. LULUCF) (MTCO ₂):	6487.85 (reporting year: 2012)

Information

GHG inventory:	1990-2013 (GHG inventory submission of 2015)
Climate risk assessment:	National Climate Assessment (2014)

Targets

Economy wide targets - Up to (and including) 2020

Reduce GHG emissions by 17% by 2020 from 2005 levels (the final target will be reported to the UNFCCC Secretariat in light of enacted legislation, a recognition of the domestic political structure and division of powers)

Source:

- Copenhagen Accord (2009)

Economy-wide targets - Beyond 2020

Reduce GHG emissions by 26-28% from 2005 levels by 2025

Source:

- In November 2014 at the APEC Leaders' meeting in Beijing US announcement
-

Targets - Energy demand

phasing out the use of incandescent light bulbs by 2014, improving lighting efficiency by more than 70% by 2020; all new federal buildings to be carbon neutral by 2030; reducing carbon pollution by 3 billion metric tonnes cumulatively by 2030 through energy conservation standards; Reducing federal agency building energy intensity in 2016-2025 by 2.5% annually; from 2020, all new construction of Federal buildings greater than 5,000 gross square feet designed to achieve energy net-zero and, where feasible, water or waste net-zero by fiscal year 2030.

Source:

- [Energy Independence and Security Act of 2007, \(2007\)](#)
 - [Clean Air Act, \(1963\)](#)
 - [Executive Order 13693: Planning for Federal Sustainability in the Next Decade, \(2015\)](#)
-

Targets - LULUCF

None

Targets - Renewables

Clean electric and thermal energy targets for federal agency buildings only - at least not less than 10% in fiscal years 2016 and 2017; not less than 13% in fiscal years 2018 and 2019; not less than 16% in fiscal years 2020 and 2021; not less than 20% in fiscal years 2022 and 2023; and not less than 25% by fiscal year 2025.

Source:

- [Executive Order 13693: Planning for Federal Sustainability in the Next Decade, \(2015\)](#)
-

Targets- Transport

fuel standard of 35.5 miles per gallon by 2016; Fleet emission requirements for federal agency vehicle fleets.

Source:

- [Energy Independence and Security Act of 2007, \(2007\)](#)
- [Executive Order 13693: Planning for Federal Sustainability in the Next Decade, \(2015\)](#)
- [Executive Order 13514: Federal Leadership in Environmental, Energy, and Economic Performance, \(2009\)](#)

Policies

GHG Mitigation framework

None

Adaptation framework

Executive Order 13653: Preparing the United States for the Impacts of Climate Change (2013)

Source:

- [Executive Order 13653: Preparing the United States for the Impacts of Climate Change, \(2013\)](#)
-

Policies - Carbon pricing

None

Policies - Promotion of low-carbon energy (inc. renewables)

stimulus package to renewable energy programmes; Biorefinery Assistance Programme, Biomass Crop Assistance Programme; funding of research on carbon capture and storage and hydrogen technologies; tax incentives for investment in clean coal facilities; emissions regulations for existing power plants; For Federal agencies: install agency-funded renewable energy, CHP, fuel cell energy systems; new small modular nuclear reactor technologies.

Source:

- [American Recovery and Reinvestment Act, \(2009\)](#)
- [Food, Conservation, and Energy Act of 2008 \(revised 2014\) – Title IX-Renewable Energy Provisions, \(2008\)](#)
- [Energy Independence and Security Act of 2007, \(2007\)](#)
- [Clean Air Act, \(1963\)](#)
- [Executive Order 13693: Planning for Federal Sustainability in the Next Decade, \(2015\)](#)

Policies - Energy demand

stimulus package to finance energy efficiency and conservation projects and programmes through the concession of grants to sub-national entities, support weatherisation of low-income homes, support US-based advanced battery manufacturing facilities; energy efficient standards, promoting consumer education and lamp labelling; All lighting in federal buildings to use Energy Star products or products designated under the Federal Energy Management Programme (FEMP) by the end of 2013; all Federal agencies to purchase devices that limit standby power use; purchase preference for energy efficient products and services

Source:

- [American Recovery and Reinvestment Act, \(2009\)](#)
- [Energy Independence and Security Act of 2007, \(2007\)](#)
- [Executive Order 13693: Planning for Federal Sustainability in the Next Decade, \(2015\)](#)
- [Executive Order 13514: Federal Leadership in Environmental, Energy, and Economic Performance, \(2009\)](#)

Policies - Transport

Financial support for advanced vehicles (mostly R&D grants); Mandatory Renewable Fuel Standard; Bioenergy Programme for Advanced Fuel; Tax breaks for alternative motor vehicles and fuels (ethanol, methane, liquefied natural gas, propane); Tax credit for hybrid vehicle owners

Source:

- [American Recovery and Reinvestment Act, \(2009\)](#)
- [Energy Policy Act 2005 \(Energy Bill\), \(2005\)](#)

Policies - LULUCF

None