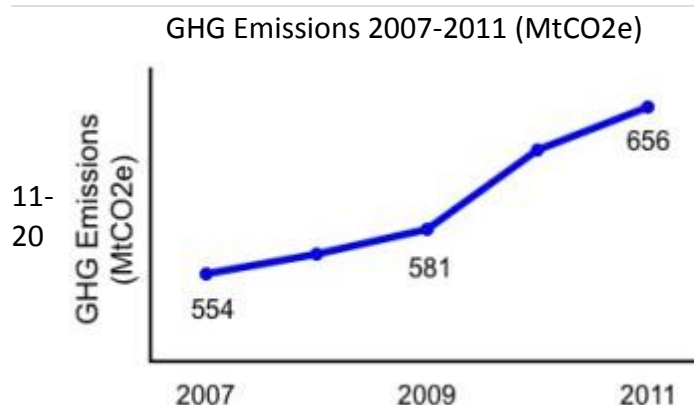


Emissions

Rank as emitter (including LULUCF):



Country-reported GHG emissions (incl. LULUCF) (MTCO₂):

508.25 (reporting year: 2001)

Country-reported GHG emissions (excl. LULUCF) (MTCO₂):

542.89 (reporting year: 2001)

Information

GHG inventory:

1990-2009 (Third National Communication 2012)

Climate risk assessment:

National Strategic Plan for Climate Change Adaptation 2011-15 (2010)

Targets

Economy wide targets - Up to (and including) 2020

Reduce emissions by 30% below business as usual level by 2020

Source:

- [Framework Act on Low Carbon Green Growth, regulated by Enforcement Decree of the Framework Act on Low Carbon Green Growth, \(2010\)](#)

Economy-wide targets - Beyond 2020

None

Targets - Energy demand

Reduce energy intensity by 46% by 2030; Reduce energy demand by 15% by 2035

Source:

- First Energy Master Plan (2008)
 - Second Energy Master Plan (2014)
 - [Integrated Energy Supply Act, \(1991\)](#)
-

Targets - LULUCF

None

Targets - Renewables

Increase share of renewable energy in energy mix to 11% by 2030; 15% of power to come from distributed generation by 2015; Utilities must purchase 10% share of total electricity generation from renewable sources by 2022

Source:

- First Energy Master Plan (2008)
 - Second Energy Master Plan (2014)
 - [Integrated Energy Supply Act, \(1991\)](#)
 - [Act on the Promotion of the Development, Use and Diffusion of New and Renewable Energy, \(2004\)](#)
-

Targets- Transport

None

Policies

GHG Mitigation framework

Framework Act on Low Carbon, Green Growth (2010)

Source:

- [Framework Act on Low Carbon Green Growth, regulated by Enforcement Decree of the Framework Act on Low Carbon Green Growth, \(2010\)](#)

Adaptation framework

National Strategic Plan for Climate Change Adaptation 2011-15 (2010)

Source:

- [National Strategic Plan for Climate Change Adaptation 2011-2015, \(2010\)](#)
-

Policies - Carbon pricing

National ETS

Source:

- [Act on the Allocation and Trading of Greenhouse Gas Emissions Rights regulated by Enforcement Decree of Allocation and Trading of Greenhouse Gas Emissions Rights Act, \(2012\)](#)
-

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

Renewable portfolio standard for large energy providers (>500MW), also allowing for trading in renewable energy certificates

Source:

- [Act on the Promotion of the Development, Use and Diffusion of New and Renewable Energy, \(2004\)](#)
-

Policies - Energy demand

Provide research and development funding for smart grids; Energy efficiency improvement plans and management

Source:

- [Act on the Creation and Facilitation of Use of Smart Grids, \(2011\)](#)
-

Policies - Transport

Requires state and local authorities to formulate 10 year plans for developing sustainable transportation logistics systems; Enabling state assistance to developers and consumers of environmentally friendly automobiles

Source:

- [Sustainable Transportation Logistics Development Act, \(2009\)](#)
 - [Act on the promotion of Development and Distribution of Environmentally Friendly Automobiles, \(2004\)](#)
-

Policies - LULUCF

Implementation of sustainable forest management

Source:

- Fifth National Forest Plan (2008-2017) (2008)
- [National Strategic Plan for Climate Change Adaptation 2011-2015, \(2010\)](#)