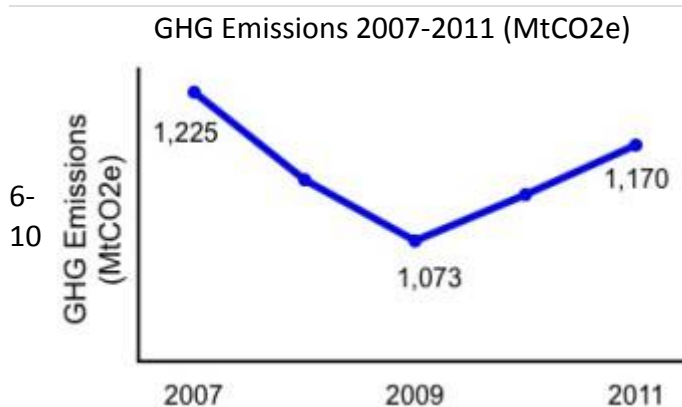


## Emissions

Rank as emitter (including LULUCF):



Country-reported GHG emissions (incl. LULUCF) (MTCO<sub>2</sub>):

1268.05 (reporting year: 2012)

Country-reported GHG emissions (excl. LULUCF) (MTCO<sub>2</sub>):

1343.12 (reporting year: 2012)

## Information

GHG inventory:

1990-2012 (GHG inventory submission of 2014)

Climate risk assessment:

Comprehensive Research on Impact Assessment and Adaptation for Climate Change (2014)

## Targets

### Economy wide targets - Up to (and including) 2020

3.8% reduction below the 2005 baseline by 2020

Source:

- Announcement at the Warsaw COP19 Conference (2013)

### Economy-wide targets - Beyond 2020

80% reduction of GHG emissions by 2050

Source:

- The Fourth Basic Environment Plan (2012)

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**Targets - Energy demand**

None

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**Targets - LULUCF**

None

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**Targets - Renewables**

None

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**Targets- Transport**

Increase the share of highly energy-efficient next-generation vehicles in the new car sales from 50% to 70% by 2030

Source:

- 6th communication to the UNFCCC (2013)

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**Policies****GHG Mitigation framework**

Law Concerning the Promotion of the Measures to Cope with Global Warming (Act on Promotion of Global Warming Countermeasures) (1998)

Source:

- [Law Concerning the Promotion of the Measures to Cope with Global Warming \(Act on Promotion of Global Warming Countermeasures\) \(Law No. 107 of 1998\), \(1998\)](#)

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**Adaptation framework**

None

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**Policies - Carbon pricing**

Carbon tax for climate change mitigation purpose (began October 2012); Voluntary Emission Trading Scheme (started 2005); Carbon offset credit system Japan-Verified Emission Reduction (J-VER, 2008)

Source:

- [Act Partially Amending the Law on Special Tax Measures \(Tax Reform Act 2012\) \(Law No. 16 of 2012\), \(2012\)](#)

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

Renewable sources electricity purchase obligation for utilities; Feed-in tariff for renewable energy

Source:

- [Act on Purchase of Renewable Energy Sourced Electricity by Electric Utilities \(Law No. 108 of 2011\), \(2012\)](#)

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### **Policies - Energy demand**

Low Carbon City Development Plan (local governments, low carbon buildings certification, tax reductions for high energy efficiency buildings); Promotion of Contracts Considering Reduction of Emissions of Greenhouse Gases (green contracts); Designated emitters (workplace with over 1,500kL of oil equivalent of energy annually) are mandated to develop a Plan for Global Warming Countermeasure and report emissions; Energy efficiency standards for appliances, energy conservation labelling; Top Runner Programme (certification) for energy-savings performance; Voluntary energy efficiency and conservation campaigns (MOEJ-led, COOL BIZ, WARM BIZ); Subsidy on interest payment (max 1% per year) for so-called 'eco-loan' businesses, which reduced the amount of CO2 emission by more than 5% within the 5 years

Source:

- [Low Carbon City Promotion Act \(Eco-city Law\) \(Law No. 84 of 2014\), \(2012\)](#)
- [Law Concerning the Promotion of Contracts Considering Reduction of Emissions of Greenhouse Gases and Others by the State and Other Entities \(Environment Consideration Contract Law\) \(Law No. 56 of 2007\), \(2007\)](#)
- [Law Concerning the Promotion of the Measures to Cope with Global Warming \(Act on Promotion of Global Warming Countermeasures\) \(Law No. 107 of 1998\), \(1998\)](#)
- [Law Concerning the Rational Use of Energy \(Energy Conservation Act\) \(Law No.49 of 1979\), \(1979\)](#)

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### **Policies - Transport**

Energy efficiency standards for vehicles; Tax incentives for low-polluting and next-generation cars (green tax 2002, eco-car tax 2009)

Source:

- [Law Concerning the Rational Use of Energy \(Energy Conservation Act\) \(Law No.49 of 1979\), \(1979\)](#)
- [Act Partially Amending the Law on Special Tax Measures \(Tax Reform Act 2012\) \(Law No. 16 of 2012\), \(2012\)](#)

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### **Policies - LULUCF**

None