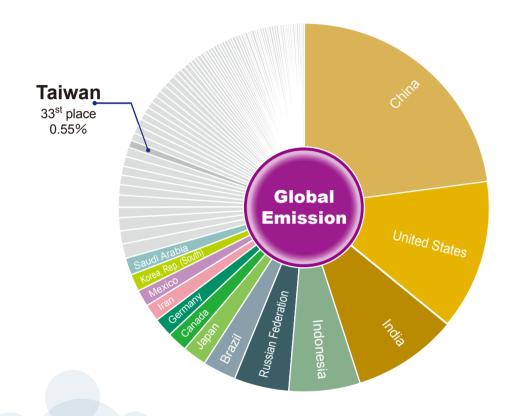
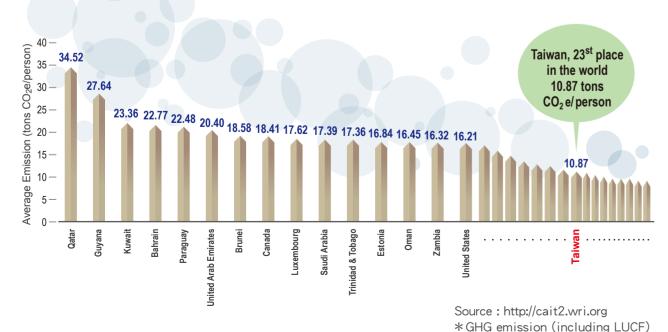
Global Share of Taiwan's Greenhouse Gases Emission

Taiwan belongs to the island-type independent energy system. More than 98% of energy is imported. The economy is guided by export trade. The industrial structure is mainly manufacturing, wherein the global share for production value is 25% for semiconductor and 38 to 40% for panels. But Taiwan's greenhouse gases emission only makes up 0.55% of the global amount. The major industries are continuing to reduce greenhouse gases emission in order to maintain their international competitiveness. However, as it subscribes to the non-nuclear homeland policy, Taiwan is facing greater difficulty as it endeavors to further reduce emissions.





2018 TAIWAN Greenhouse Gases

reenhouse Gases Inventory

1990 - 2016





- 1990 ~ 2016 **-**

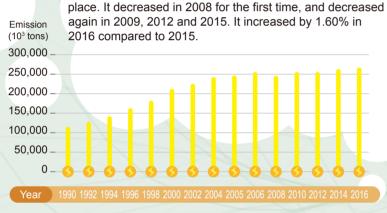
Advertisement

Trends of Various Emission Sources

The emission sources in Taiwan come from five major sectors: energy, industrial processes and product use, agriculture, land use change and forestry and waste.



Energy Sector



The emission of the energy sector is more than 90% at first

Energy Industry 65.36%, Manufacturing and Construction Industries 16.79%, Transportation 14.22%, Service industrinstitution 1.41%, Residential 1.72%, Agriculture, fishery, and husbandry 0.41%, Fugitive Emissions from Fuels 0.09%.

Industrial Processes and Product Use Sector

gases emission has been on a downward trend since 2005. (10³ tons) 3,500 3,000 2,500 2.000 1,500 1,000

Year 1990 1992 1994 1996 1998 2000 2002 2004 2005 2006 2008 2010 2012 2014 2016

The year with the highest emission for this sector was 2004,

which made up 10.75% of national emission. The greenhouse

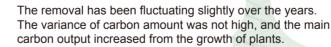


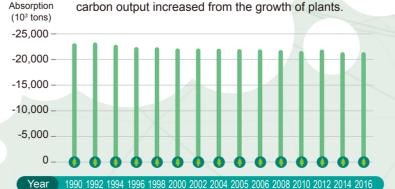
Share of each emission source



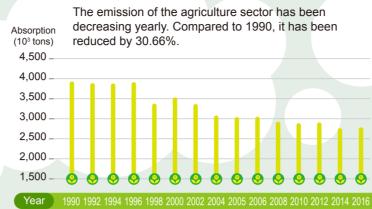
0.93 %

Land Use Change and Forestry Sector

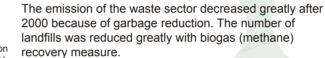


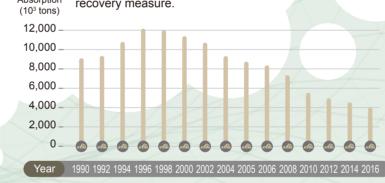


Agriculture Sector



Waste Sector





Emission

Trends of

Gases

Greenhouse

Emission share of

each greenhouse gas

CO₂ 95.26%



 CO_2

 N_2O

Total fluoride gases

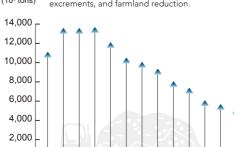
1.22%

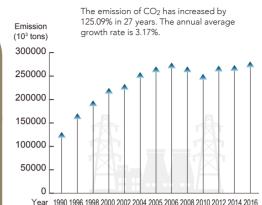
1st

2nd

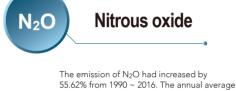
3rd

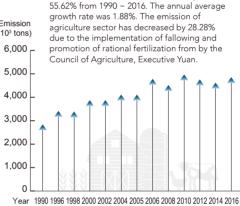
for power generation, rising connecting rate of sewage, 3-stage treatment of livestock

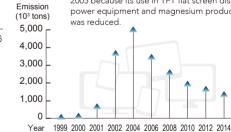




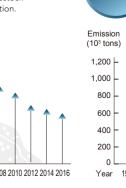
Year 1990 1996 1998 2000 2002 2004 2005 2006 2008 2010 2012 2014 2016



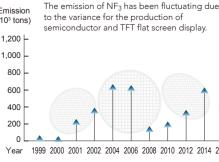




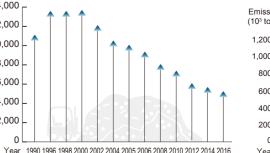




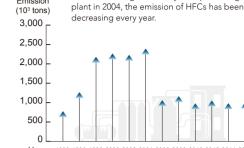
Nitrogen trifluoride



excrements, and farmland reduction.





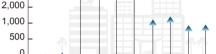


Hydrofluorocarbons

After the closing of the only CFC-producing

PFC_s Perfluorocarbons





Sulfur hexafluoride

