Statistics Poland
Aleja Niepodległości 208
00-925 Warszawa
Agenda2030@stat.gov.pl

Name of the indicator	**13.1 Greenhouse gas emissions (1990=100)**
Sustainable Development Goal	Goal 13. Climate action
Target	-
Definition	Ratio of greenhouse gas emission in a surveyed year to greenhouse gas emission in 1990.
Unit	-
Available dimensions	total
Methodological explanations	The change of aggregated emission of greenhouse gases (carbon dioxide CO_2, methane CH_4, nitrous oxide N_2O, fluorocarbones HFCs, perfluorocarbones PFCs, sulfur hexafluoride SF_6, nitrogen trifluoroide NF_3) expressed in CO_2 equivalent expressed using global worming coefficient for each gas. Base 1990 = 100. The CO_2 equivalent unit is one megagram (1 Mg) of carbon dioxide or other greenhouse gas quantity, representing the equivalent of 1 Mg of carbon dioxide, calculated using the global worming coefficient. The global worming coefficient is an indicator comparing the power of influence of greenhouse gas for the global worming to the power of influence of carbon dioxide; it is calculated on the basis of the influence effect of one kilogram of a given gas for the procces of global warming in the period of 100 years, compared to influence effect of one kilogram of CO_2. Global worming coefficients amount to: for carbon dioxide - 1, for methane - 25, for nitrous oxide - 298, for fluorocarbones - from 124 for HFC 152a to 14800 for HFC-23, sulfur hexafluoride - 22800, perfluorocarbones – from 7390 for CF_4 to 12200 for C_2F_6, nitrogen trifluoroide - 17200.
Source of data	Institute of Environmental Protection - NRI National Administration of the Emissions Trading Scheme/ Statistics Poland
Data availability	Annual data; since 2010.
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