

Statistics for the SDGs - global indicators



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| Name of the indicator | 13.2.2 Total greenhouse gas emissions per year |
| Sustainable Development Goal | Goal 13. Climate action |
| Target | 13.2 Integrate climate change measures into national policies, strategies and planning |
| Definition | Total greenhouse gas emissions including carbon dioxide (CO ₂), methane (CH ₄), nitrous oxide (N ₂ O), perfluorocarbons (PFCs), hydrofluorocarbons (HFCs), sulfurhexafluoride (SF ₆) and nitrogen trifluoride (NF ₃). |
| Unit | kt CO ₂ equivalent |
| Available dimensions | total |
| Methodological explanations | Total greenhouse gas emissions from anthropogenic sources, calculated as total emissions of carbon dioxide (CO ₂), methane (CH ₄), nitrous oxide (N ₂ O), perfluorocarbons (PFCs), hydrofluorocarbons (HFCs), sulfurhexafluoride (SF ₆) and nitrogen trifluoride (NF ₃) expressed in CO ₂ equivalents by means of common weight coefficients, so-called Global Warming Potential (GWP). In accordance with the latest guidance on emissions reporting by Annex I Parties to UNFCCC (including Poland), GWP coefficients to be used are those for a 100-year time horizon, determined in Table 2.14 of the 4th Assessment Report – IPCC . |
| Data source | The National Centre for Emissions Management – National Research Institute |
| Data availability | Annual data; since 2010. |
| Notes | Data is reported annually for the whole series from 1988 and it may undergo change (recalculation). Data excludes emission and absorption from the land use, change of land use and forestry sector. |
| Data updated on | 06-02-2024 |
| Metadata updated on | 10-08-2021 |