Greenhouse Gas Emissions

CO2 Emissions: a global view

- Top 4 emitters (38% of total in 2014): China (30%), US (15%), EU-28 (10%), India (8.5%)
- Per capita emissions of US are twice as high as those of China/EU-28
- With increasing GDP, countries tend to opt for energy-lean service & cleaner industry

United Nations Framework Convention on Climate Change

- During the last decade, emerging countries have become the largest emitters.
- The global emissions uncertainty is increasing with time: what about our reference anchor?
- No reliable information about spatial & temporal patterns.
- This is a limitation to mitigation policy.

Global Anthropogenic Emission Sources of CO2 and non-CO2 Greenhouse Gases (Methane, N2O, F-gases)

Contact
Greet Janssens-Maenhout
European Commission • Joint Research Centre
Emissions Database for Global Atmospheric Research
Tel. +39 0332 785831
Email:greet.maenhout@ec.europa.eu

https://ec.europa.eu/jrc