

World GHG Emissions Flow Chart

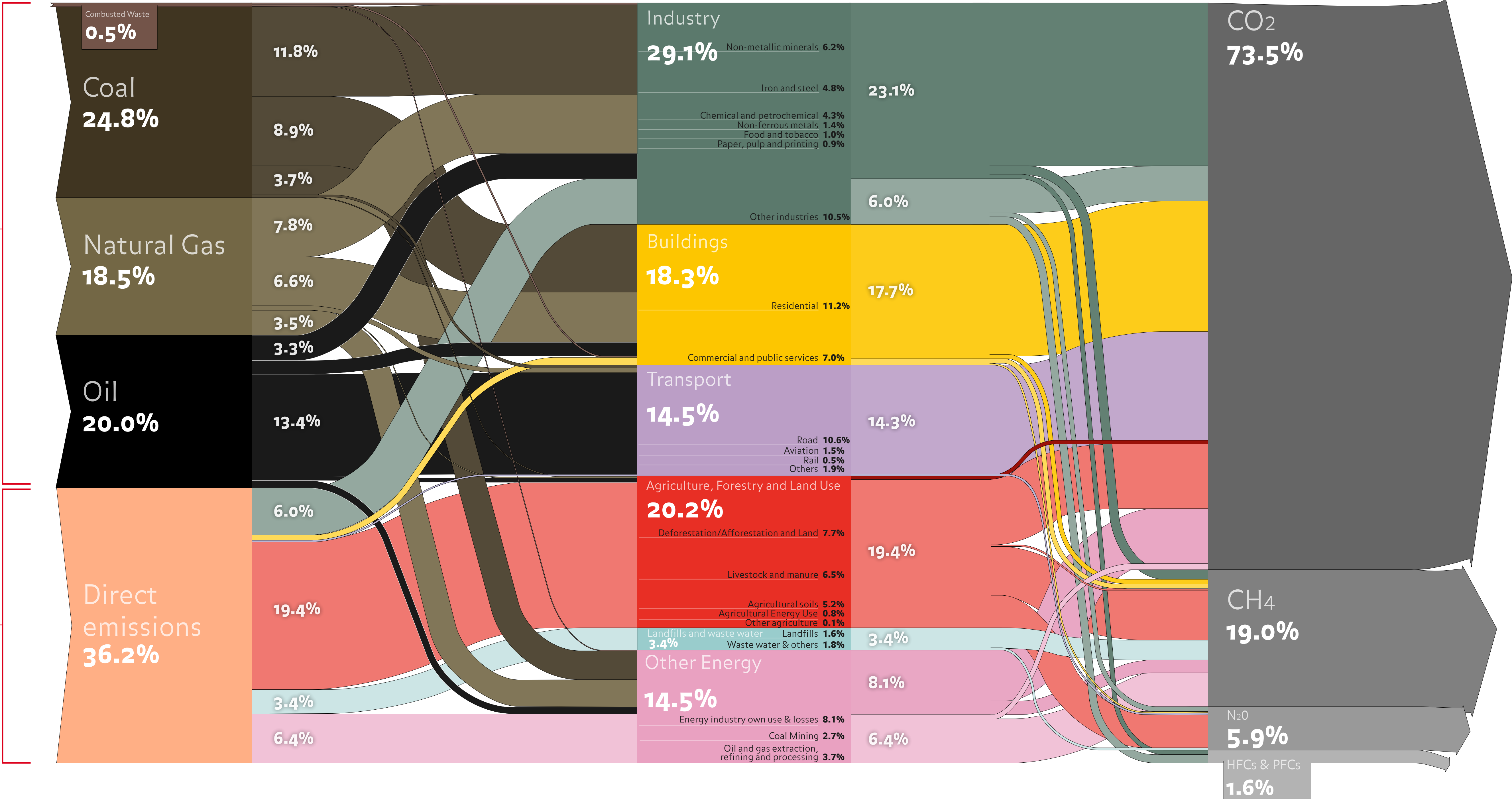
Total emissions worldwide (2012)

51,840
MtCO₂ EQ

Source

Sector

Greenhouse gas

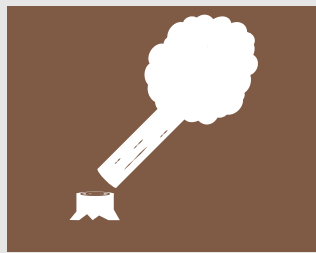


1. DIRECT EMISSIONS (EXAMPLES)

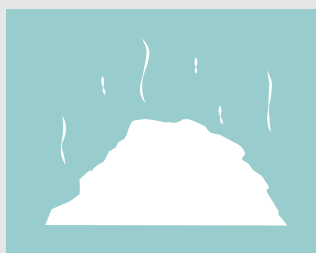
Sector: Agricultural
Cows and other livestock emit tons of methane (CH₄) by passing gas each day.



Sector: Land Use Change
Cutting down trees for logging or agriculture releases CO₂ stored in the biomass.



Sector: Landfills
Organic matter in landfills emits tons of methane (CH₄) each year.



2. FOSSIL FUEL RELATED EMISSIONS

Coal
Coal is causing most emissions and is primarily burned for electricity generation and in steel and cement industry.



Natural Gas
Natural Gas is typically used as a source of energy for heating, cooking and electricity generation.



Oil
Oil emissions result mainly from combustion as transport fuels in cars, trucks and airplanes

