

# World GHG Emissions Flow Chart

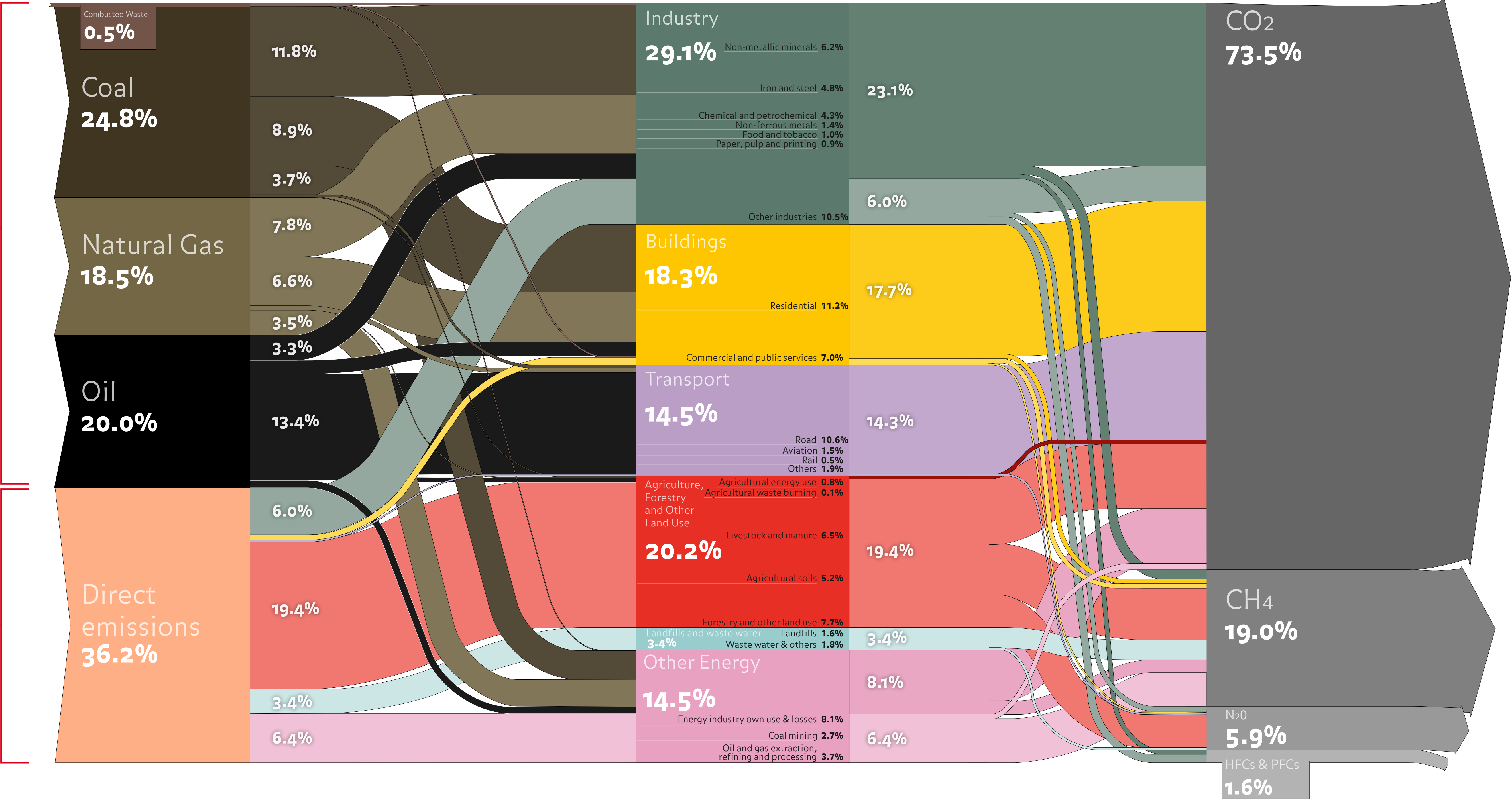
Total emissions worldwide (2012)

**51,840**  
MtCO<sub>2</sub> EQ

## Source

## Sector

## Greenhouse gas

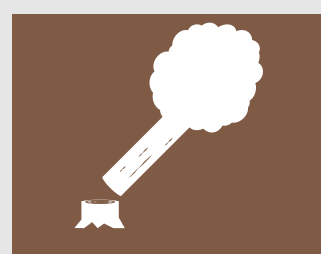


### 1. DIRECT EMISSIONS (EXAMPLES)

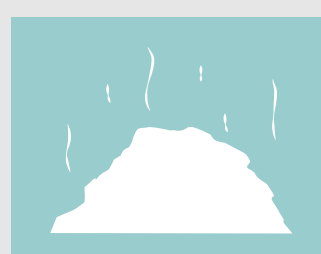
**Sector: Agricultural**  
Cows and other livestock emit tons of methane (CH<sub>4</sub>) by passing gas each day.



**Sector: Land Use Change**  
Cutting down trees for logging or agriculture releases CO<sub>2</sub> stored in the biomass.

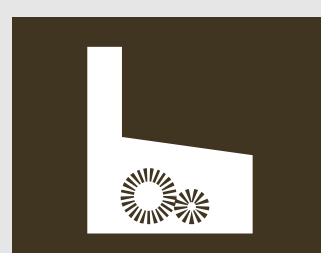


**Sector: Landfills**  
Organic matter in landfills emits tons of methane (CH<sub>4</sub>) each year.



### 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.

