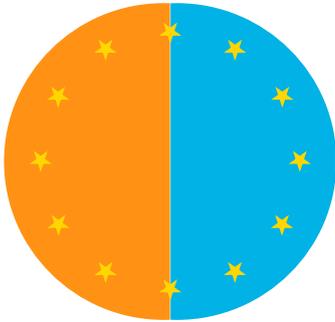


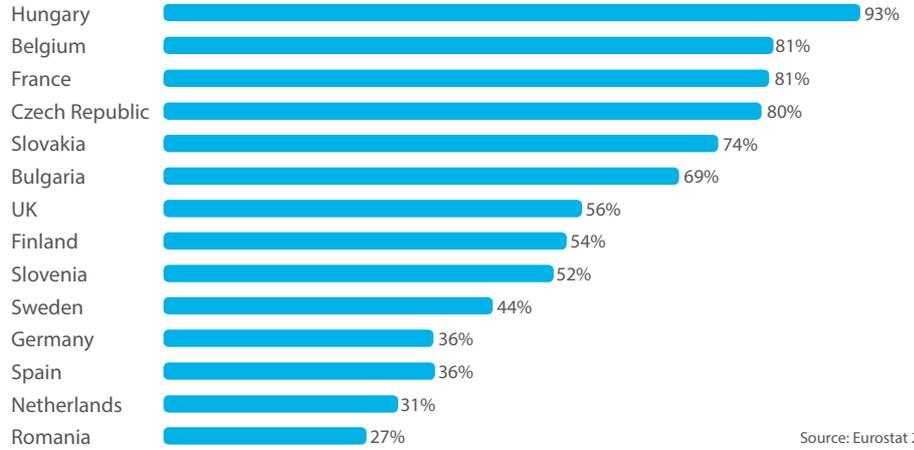
4 NUCLEAR AND CLIMATE CHANGE

Generating almost half of Europe's low-carbon electricity

Almost
50%
of low-carbon electricity



Nuclear share in low-carbon electricity by country

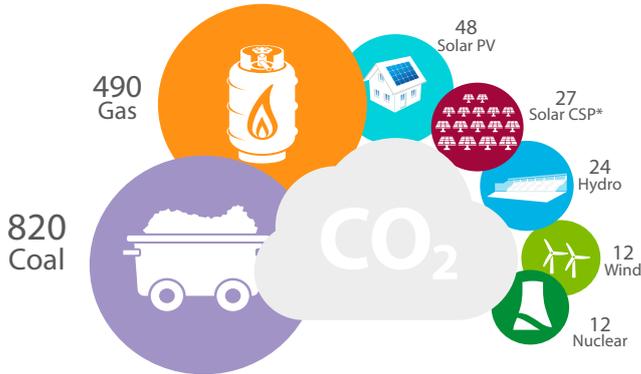


Source: Eurostat 2017

Contributing to the fight against climate change by avoiding CO₂ emissions

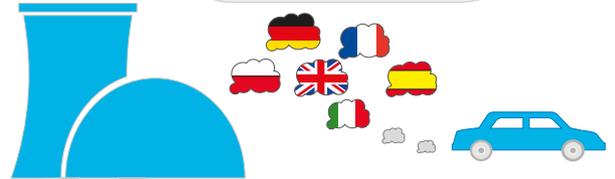
The amount of CO₂ emitted by nuclear energy is comparable to that of renewables.

Comparison of greenhouse gas emissions (grammes CO₂ eq/kWh)



*Concentrated Solar Power
Source: IPCC 2014

The amount of emissions of CO₂ eq that nuclear avoids is almost equivalent to that from road transport in France, Germany, UK, Italy, Spain and Poland.



Source: Eurostat 2014

Helping EU Member States meet their CO₂ reduction target

CO₂ produced: tonnes of CO₂/MWh

Luxembourg
0.24



Nuclear share of electricity

0%

Germany
0.4



13%

Sweden
0.02



40%

France
0.04



72%

European Union
0.3



27%

*Including emissions from transport, industry, agriculture etc.

Source: Eurostat 2016, DG ENER