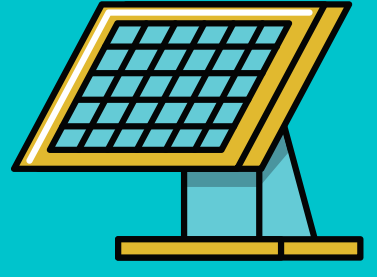




Co-funded by the
Erasmus+ Programme
of the European Union

ENERGY SOURCES



GERMANY

Solar
13.1%

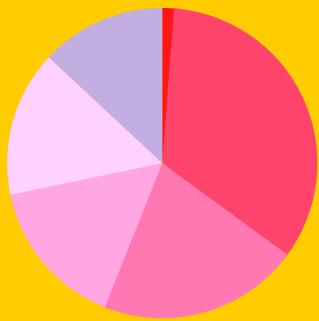
- MAIN SOURCES : The main sources of energy in Germany are wind and coal.

Gas
15.2%

Wind
33.8%

- FUTURE PLANS :The German government plans to use 100% renewable sources of energy by 2050.

Nuclear
15.7%



Coal
21%

- COST OF ELECTRICITY: kWh costs 0.30€



SLOVENIA

Solar
0.3%

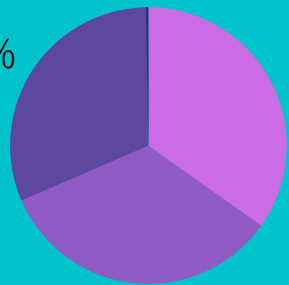
- MAIN SOURCES: The main sources of energy in Slovenia are hydro, nuclear and coal.

Coal
31.2%

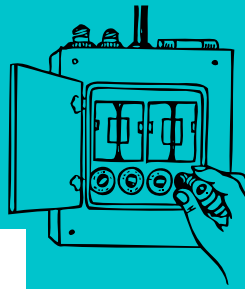
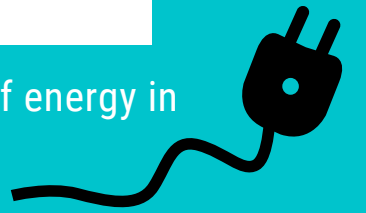
Hydro
34.8%

- FUTURE PLANS: The Slovenian government plans to build more hydroelectric plants and the second block of a nuclear plant.

Nuclear
33.7%



- COST OF ELECTRICITY: kWh costs 0.08€



ESTONIA

Shale gas
4%

- MAIN SOURCES: The main source of energy in Estonia is combustible shale. It covers 89% of energy needs in entire country.

- FUTURE PLANS: Join in with a large gas pipeline all over the Baltics provided by Finland.



Combustible shale
89%

- COST OF ELECTRICITY: kWh costs 0.08€



CARBON FOOTPRINT

WIND - 11G CO2/KWH

HYDRO - 7G CO2/KWH

COAL - 947G CO2/KWH

THERMAL - 30G CO2/KWH

NATURAL GAS - 465G CO2/KWH

BIO - 43G CO2/KWH

NUCLEAR - 12G CO2/KWH

SHALE GAS - 225G CO2/KWH

SOLAR - 30G CO2/KWH

SOURCES:

https://www.parliament.uk/globalassets/documents/post/postpn_383-carbon-footprint-electricity-generation.pdf

<https://www.stat.ee/et/avasta-statistikat/valdkonnad/energia-ja-transport/energeetika>

<https://www.stat.si/StatWeb/News/Index/9350>

https://en.wikipedia.org/wiki/Energy_in_Germany#:~:text=Energy%20in%20Germany%20is%20sourced,consumption%20between%202004%20and%202007.

<https://sustainabledevelopment.un.org/index.php?page=view&type=99&nr=24&menu=1449#:~:text=Supply%20by%202050-,Germany%20has%20promised%20to%20transform%20its%20electricity%20supply%20to%20100,by%202050%20from%201990%20levels.>

[page=view&type=99&nr=24&menu=1449#:~:text=Supply%20by%202050-,Germany%20has%20promised%20to%20transform%20its%20electricity%20supply%20to%20100,by%202050%20from%201990%20levels.](https://sustainabledevelopment.un.org/index.php?page=view&type=99&nr=24&menu=1449#:~:text=Supply%20by%202050-,Germany%20has%20promised%20to%20transform%20its%20electricity%20supply%20to%20100,by%202050%20from%201990%20levels.)

