

I – Nuclear plant

72% of electricity in France is produced thanks to nuclear power.



J – Geothermal power plant

Portugal uses geothermal energy on the island of Sao Miguel in the **AZORES** and on the island of Terceira.

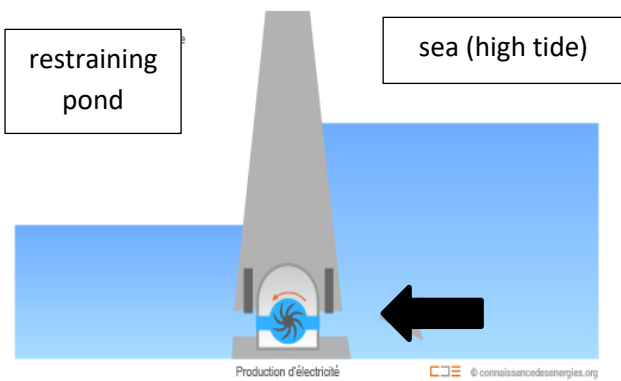
In France, the overseas departments and regions have a huge geothermal potential with a source of steam in Guadeloupe and many geothermal sites under study in Martinique and La Réunion.

Finland has a very limited geothermal gradient because temperatures are very low at 5000 m depth.

In Poland, geothermal energy is mainly associated with heating, since geothermal sources are mostly at low temperatures.

In Croatia, creation in 2017 of the first geothermal power station in Velika Ciglena, near Bjelovar.

K – Tidal power plant



In France, this power plant is in LA RANCE (French Brittany).

L – Thermal power station

In 2017, the European Union still has 2,900 coal power plants. They are very polluting as elderly.

Brussels decided at the end of April 2017 of a new measure : coal-fired power plants in the euro zone will have to comply with new limit values for pollution as early as 2021, on pain of fines.

Brussels is particularly paying attention to the levels of :

nitrous oxide, mercury, sulfur dioxide and fine particles released by coal combustion.

A – Oil well

France ranks first in Europe with 4.7 billion barrels of oil reserves, ahead of Poland (3.3 billion barrels).

Poland has the largest reserve of natural gas (ethane, butane or propane). Then comes France.

World oil and gas reserves (Source : francetvinfo)



B – Wind mill

In 2016, 17% of Europe's energy consumption came from renewable sources: mainly biomass and waste, geothermal energy, hydrometric, solar energy, and wind energy.

By 2020, the European Union has set itself the target of achieving 20% renewable energy in total energy consumption.

27% for **2030**.

(Source : touteurope.eu)

C - Wood

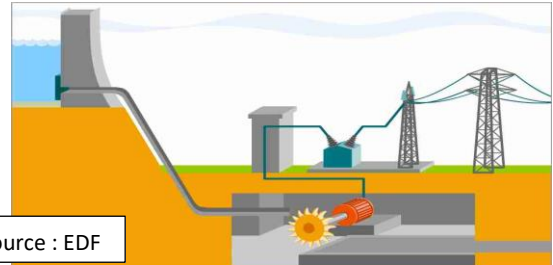
Wood is the main energy resource derived from terrestrial solid biomass.

Once dry, it provides thermal energy by burning, more precisely by decomposing under the effect of heat.

D – Hydraulic central

Among Croatia, Finland, Poland and Portugal, France is the country producing the most electricity from hydropower.

China, Canada, Brazil and the United States are the largest producers of hydroelectricity.



Source : EDF

E – Photovoltaic power station

Pays	facilities (end of 2017) in m ²	Energy (MWh)
France	3 105 000	2 174
Poland	2 128 880	1490
Portugal	1 222 100	855

In Finland and Croatia, solar energy is booming but remains lower than in other countries.

F – Coal mine

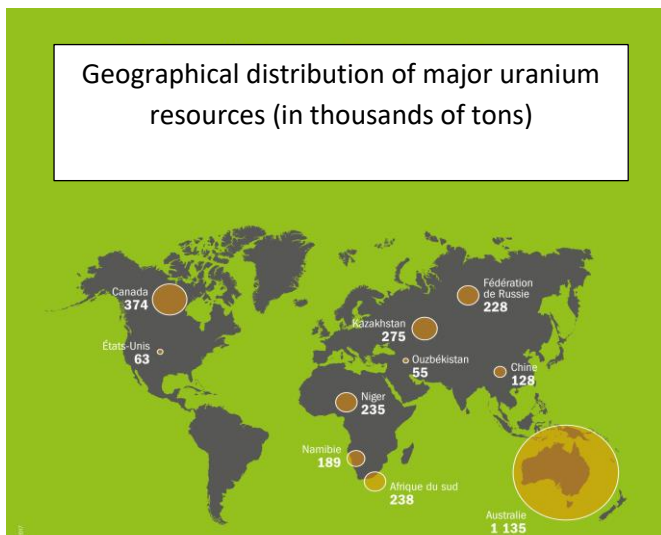
POLAND uses a lot of coal.



Source : lemonde.fr

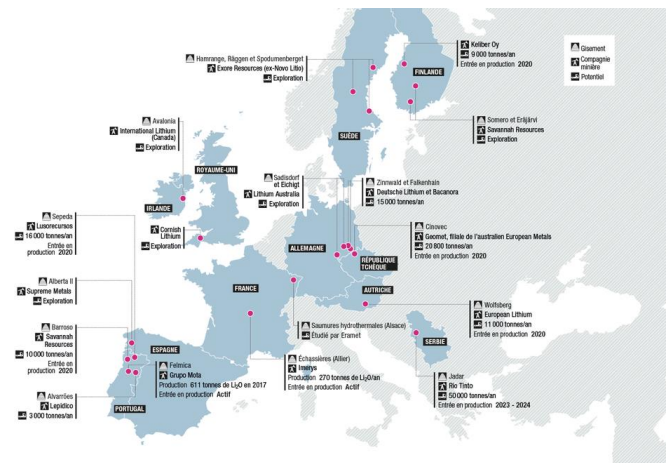
G – Uranium mine

Geographical distribution of major uranium resources (in thousands of tons)



Source : Uranium 2015, Ressources, Production & Demand (AEN, ed 2015)

H – Lithium deposite



Source : usinenouvelle.com