

# Renewable and non-renewable energy sources

The energy that we use can have renewable or non-renewable origins. The Renewable indicator shows the percentage of consumed energy from renewable sources. While the detailed graph give a more exhaustive view on the sources of the consumed energy. The different labels are:

## Renewable sources

- Heat pumps → It represents the ambient heat that is taken from the ambient (air, lakes, river or ground) by [heat pumps](#) and used for space heating and sanitary hot water.
- Solar PV → Electricity produced by [photovoltaic panels](#).
- Wind → Electricity produced by [wind turbines](#).
- Hydro → Electricity produced by [run-of-river](#) and [storage](#) hydro power plants.
- Geothermal → Electricity and heat produced by [geothermal power plants](#) and [geothermal cogeneration systems](#).
- Biomass → It includes solid biomass (wood), biofuels (ethanol and biodiesel) and biogas.
- Solar thermal → Heat produced by solar thermal panels.

## Non-renewable sources

- Nuclear → Heat produced in the [nuclear reactors](#), that is converted into electricity and waste heat from power generation.
- Elec. Import → Imported electricity from our neighbouring countries.
- Natural gas → Natural gas for heat and/or electricity generation and for the transport sector.
- Heating oil → Fuel oil for boilers and diesel for cogeneration engines.
- Gasoline/diesel/kerosene → Gasoline, diesel and kerosene for the transport sector.
- Other fossil → Coal and 50% of the incinerated waste.

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