



Sustainable energy sources

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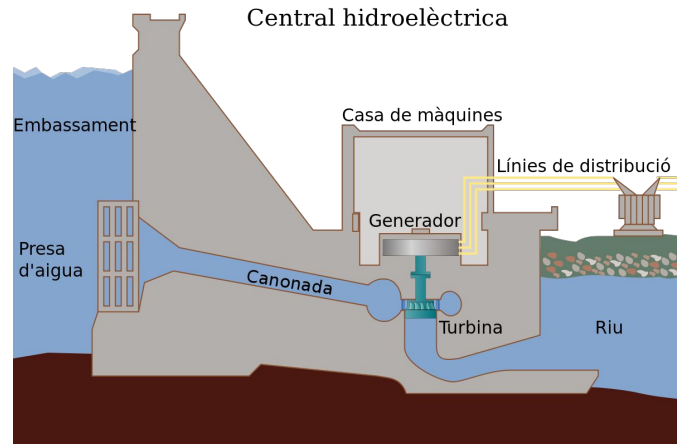
Presentation

Sustainable energy is that energy which is obtained from natural inexhaustible energy sources and doesn't hurt the environment.



Hydraulic energy

The energy accumulated in waterfalls can be used and transformed in electric energy. Hydroelectric power plants transform rivers energy into electric energy by moving enormous turbines which move an electric generator. The problem with this type of energy is that it needs very big infrastructure which can harm ecosystems. Also it depends on the station the amount of energy it can be produced.



Wind Power

Wind power or wind energy is the use of wind to provide mechanical power through wind turbines to turn electric generators into electrical power. Wind power is a popular sustainable, renewable source of power that has a much smaller impact on the environment compared to burning fossil fuels.



Solar Energy

Solar Energy is the more used sustainable energy. It consists of taking advantage of the electromagnetic radiation coming from the Sun. Solar energy is being used more and more in areas with longer days and that has more energy at the end of the day.



Geothermal Energy

Geothermal energy is a type of energy that uses heat stored inside the earth's crust. It is a renewable and unquantifiable energy. Some examples of geothermal energy available in the environment are: volcanoes, geysers and hot springs.



Tidal energy

Tidal energy is produced thanks to the movement generated by the tides. This energy is used by turbines, which in turn move the mechanics of an alternator that generates electrical energy. Finally, the latter is connected to a power station on land that distributes the energy towards the community.



Conclusion

Sustainable and green energy is a very interesting alternative to fossil energy and it's the way to go for. It's very varied, and it offers humanity the possibility to take care of the planet while we develop and increase our wellness. It's the future and we can't change it. However, the transition to these energies will take its time.

