

Thème 2 : Le futur des énergies

 2.4. Choix énergétiques et impacts sur les sociétés

Why should we shift to an energy mix dominated by low-carbon sources of energy?

After explaining the impact of greenhouse gases, you will suggest various ways to reach the target for 2100.

Document 1: The Energy Mix

The Energy Mix of a country is the specific combination of different energy sources it uses to meet its energy consumption needs.

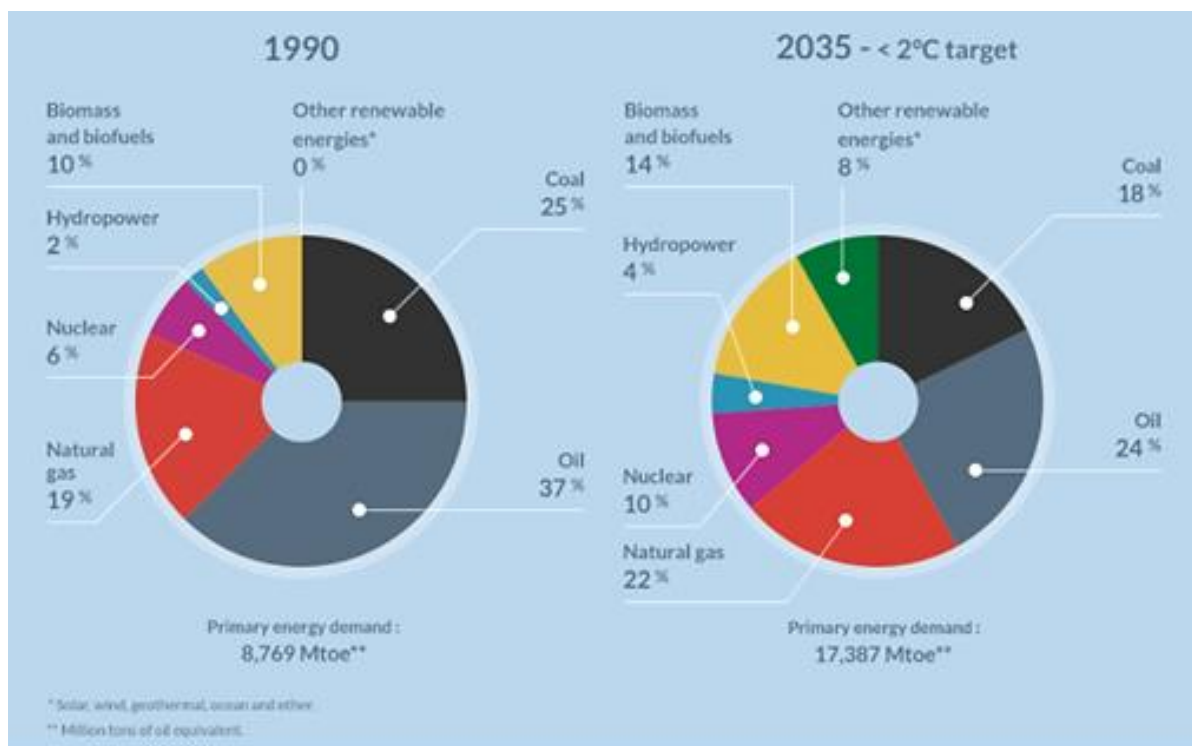
Despite producing more and more energy from renewables each year, the global energy mix is still dominated by coal, oil, and gas.

Energy production – mainly the burning of fossil fuels – accounts for around three-quarters of global greenhouse gas emissions. In this way energy production is the largest driver of climate change.

Source: <https://ourworldindata.org/energy-mix>

Document 2: The World Energy Mix from 1990 to 2035

The global economy must make far-reaching changes to ensure that temperatures do not rise more than 2°C above pre-industrial levels by 2100.



Source: IEA 2015 www.planete-energies.com