

→ Energy Dependency and Independency in Mainland Portugal

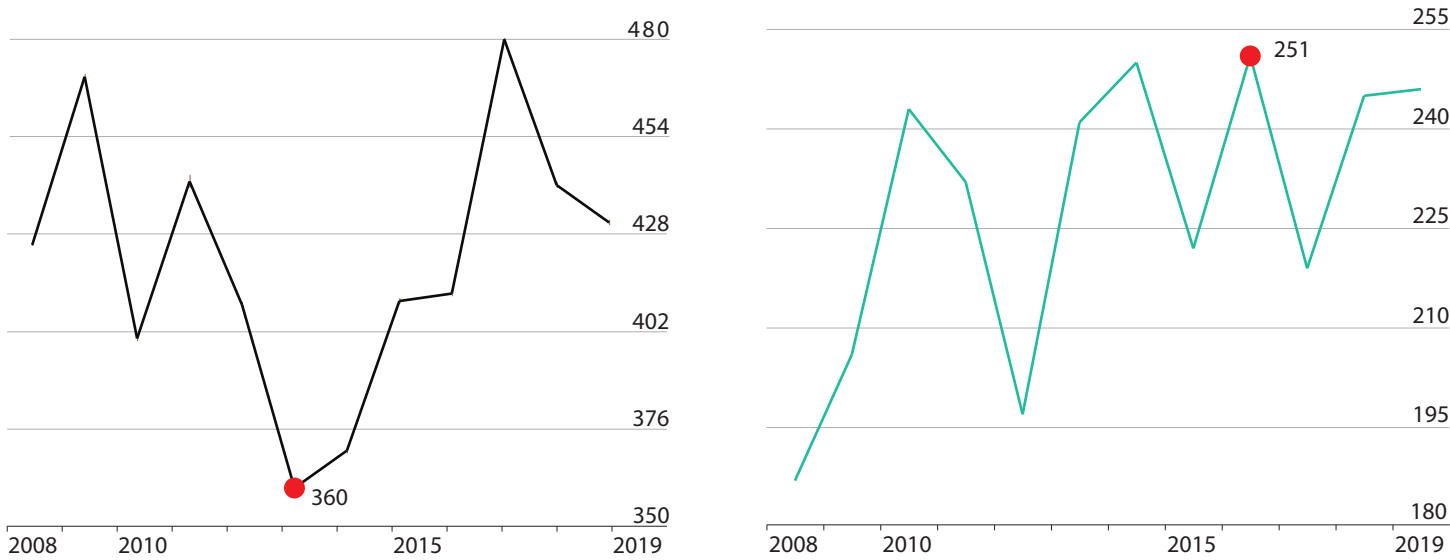
Throughout the years the ways of how Portugal produced and acquired energy varied in time t is considered one of the few countries in Europe that is planning to fully stop oil and gas exploration by the year of 2050, and focus on using renewable sources.

Portugal does not really produce oil meaning that their oil comes from their reserves and they also import from Angola, Saudi Arabia and Algeria. Their natural gas is all imported from Algeria which comes from a pipeline that goes through Spain and from Nigeria.

The country produces all of their energy that comes from renewable sources, and the different sources that use vary between Pumped Storage, Solar Wind, Bio and Hydro energy as they continue their quest to become 80% independent by 2030.

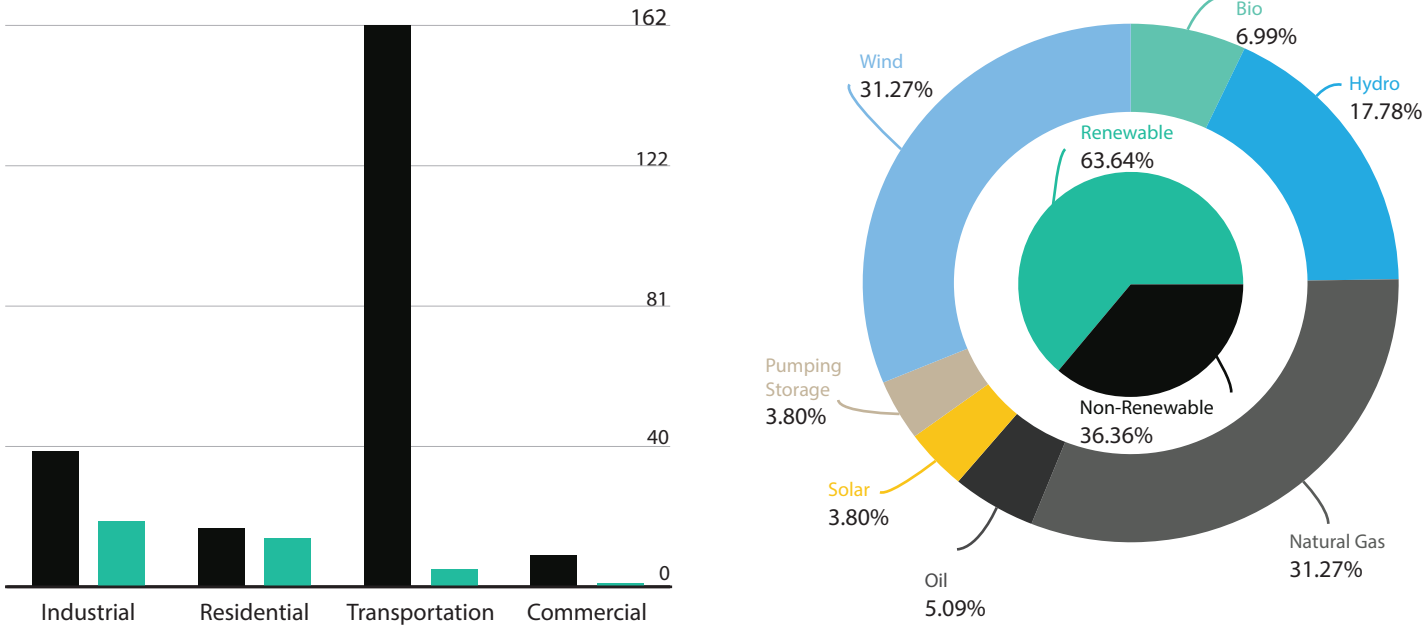
→ Portugal Non-Renewable Energy Imports and Renewable Energy Production (PJ) From 2008 to 2019

Change in imports of non-renewable energy sources and production of renewable energy sources in PetaJoules over the years.



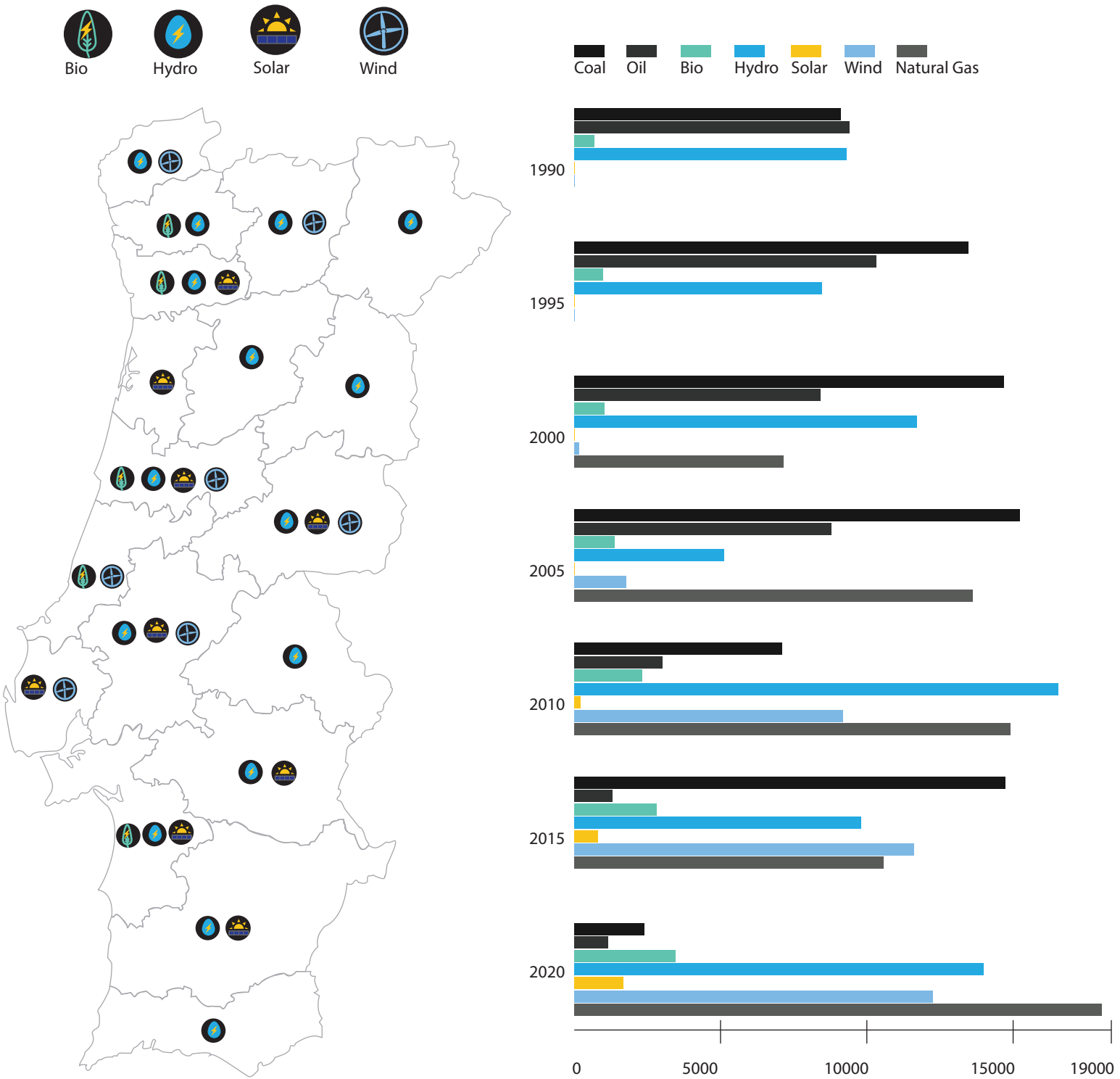
→ Energy Usage Percentages of Non-Renewable and Renewable Sources Throughtout The Different Sectors and percentages of eletricity generation by source.

Percentage change of energy usage of non-renewable soucers and renewable soucers in Industrial, Residential, Transportation and Commercial sector, and the percentage of electricity generation by each source as of 2022.



→ 2022 Presense of Energy Plants of Renewable Energy Sources in Portugal and Its Path to Independence

Energy plants locations across the territory and Portugal's electricity generation timeline by source in GWh from 1990 to 2020 to reach independence from 1990 to 2020



Sources: unav.edu, IEA Portugal 2021, wikipedia, dgeg.gov.pt, blog.resourcewatch.org, Theportugalnews.