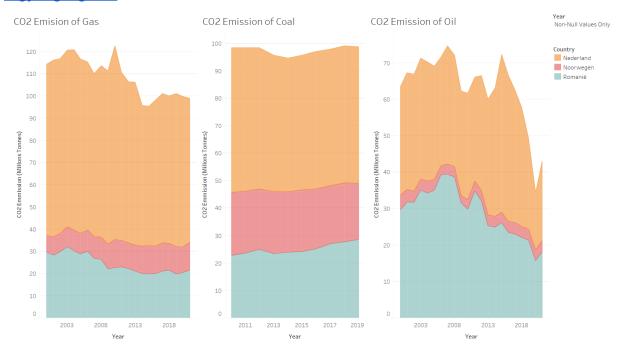
Documentation Energy source division - group 23

Luce Zoontjens - s2678934 Lasse van Eerden - s2741571 Marije Rekker - s2634678 Brend Boer - s2861011 Jorick Schöndorff - s2847728 Jorrit Kolsteeg - s2613778

CO2 pollution

Dataset used:

 $\underline{https://www.iea.org/data-and-statistics/data-product/greenhouse-gas-emissions-from-en}\\ \underline{ergy-highlights\#}$



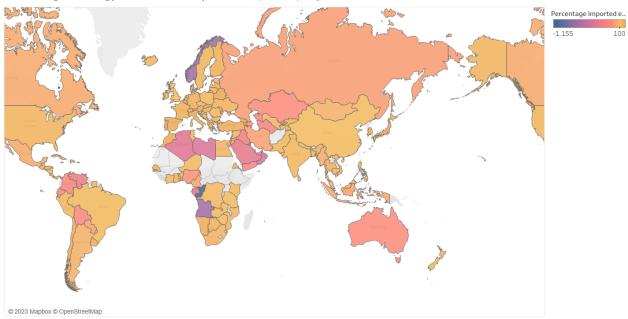
CO2 Emission of Energy



Map based on Longitude (generated) and Latitude (generated). Color shows sum of Total. Details are shown for Country. The data is filtered on Year, which keeps 2019. The view is filtered on Latitude (generated) and Longitude (generated). The Latitude (generated) filter keeps non-Null values only. The Longitude (generated) filter keeps non-Null values only.

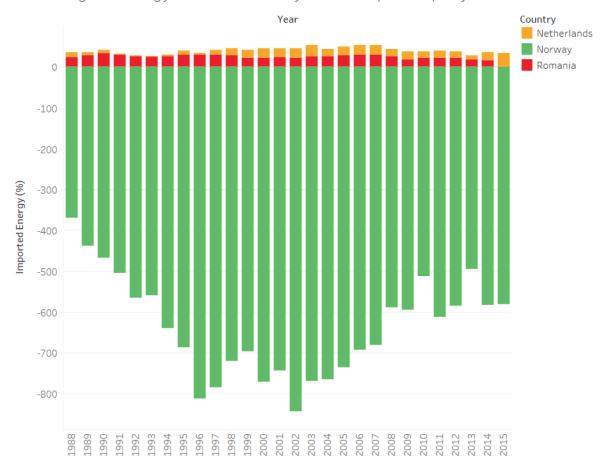
Energy import of countries

Percentage of energy used in a country that is imported per year



Map based on Longitude (generated) and Latitude (generated). Color shows sum of Percentage imported energy. Details are shown for Country. The data is filtered on Year Year and Year Year, The Year Year filter ranges from 1988 to 2015. The Year Year filter keeps 2005.

Percentage of energy used in a country that is imported per year



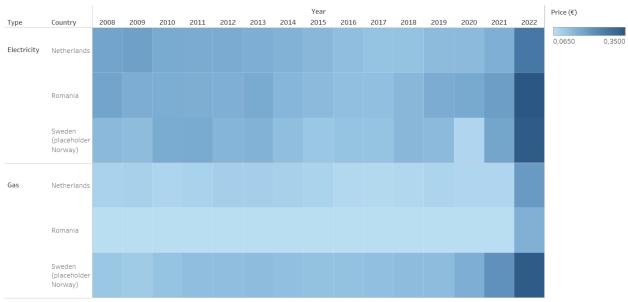
Sum of Percentage imported energy for each Year Year. Color shows details about Country. The data is filtered on Year Year, which ranges from 1988 to 2015. The view is filtered on Country, which keeps Netherlands, Norway and Romania.

https://wits.worldbank.org/CountryProfile/en/country/by-country/startyear/LTST/endyear/LTST/indicator/EG-IMP-CONS-ZS

Consumer energy prices

Consumer electricity and gas price in Euro per kWh per country

Average national price in Euro per kWh including taxes and levies applicable for the first semester of each year for medium size household consumers (Consumption Band Dc with annual consumption between 2500 and 5000 kWh).



Sum of Price (color) broken down by Year Year vs. Type and Country. The data is filtered on Year Year, which ranges from 2008 to 2022.

Consumer electricity and gas price in Euro per kWh per country

Average national price in Euro per kWh including taxes and levies applicable for the first semester of each year for medium size household consumers (Consumption Band Dc with annual consumption between 2500 and 5000 kWh).



The trend of sum of Price for Year Year broken down by Country. Color shows details about Type. The data is filtered on Year Year, which ranges from 2007 to 2022

Used Datasets:

https://ec.europa.eu/eurostat/web/products-datasets/-/ten00117 https://ec.europa.eu/eurostat/web/products-datasets/-/ten00118

Development vs production

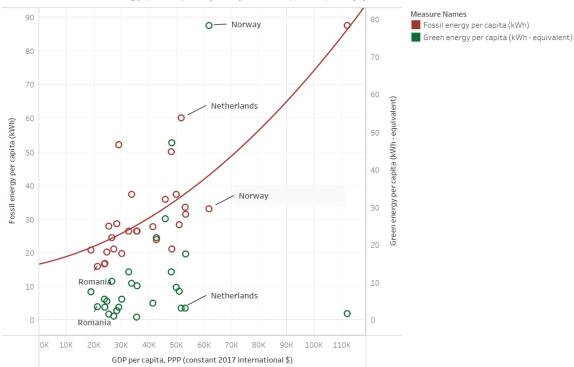
Data used for visualizations:

https://hdr.undp.org/data-center/documentation-and-downloads https://hdr.undp.org/sites/default/files/2021-22 HDR/HDR21-22 Composite indices complete time series.csv

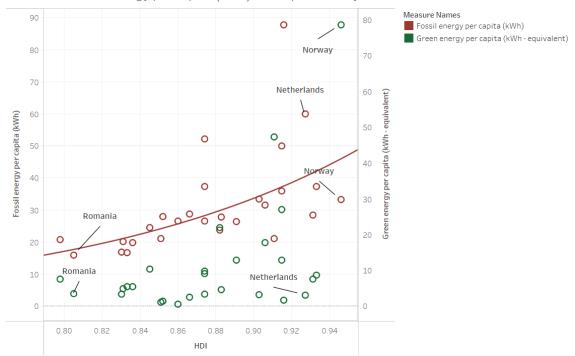
https://ourworldindata.org/grapher/per-capita-fossil-energy-vs-gdp https://ourworldindata.org/grapher/per-capita-low-carbon-vs-gdp

Visualizations:

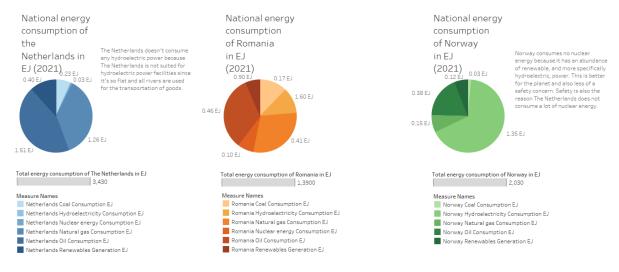
Fossil and Green energy per capita (kWh) vs GDP per capita (\$)

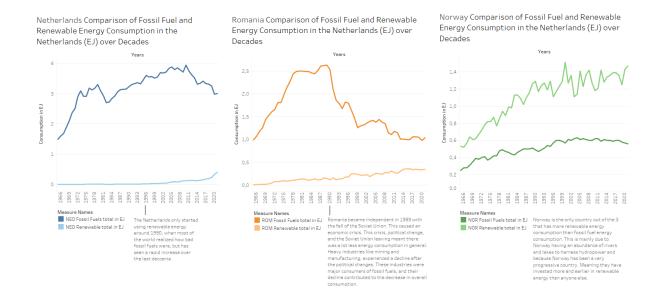


Fossil and Green energy per capita (kWh) vs hdi per country



Energy Consumption



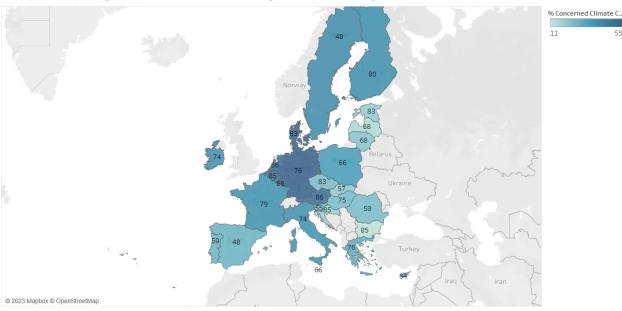


Data source:

https://www.bp.com/en/global/corporate/energy-economics/statistical-review-of-world-energy/energy-charting-tool-desktop.html.html#/results/et/prim-cons/oil-cons/natgas-cons/coal-cons/nucl-cons/hyelec-cons/renew-gene/unit/EJ/regions/NLD/NOR/ROU/view/table

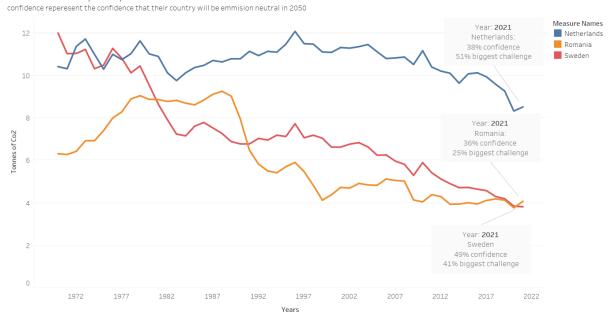
National opinion

Parts of Europe that see climate change as the biggest challenge
Value represents the percentage of people that feel more concerned than their government about climate change



Map based on Longitude (generated) and Latitude (generated). Color shows sum of percent believes climate change is the biggest current challenge. The marks are labeled by sum of Percentage that feels more concernt than their government is. Details are shown for Countrys. The view is filtered on Countrys, which excludes Null.

Co2 emmisions per capita



The trends of Netherlands, Romania and Sweden for Years Year. Color shows details about Netherlands, Romania and Sweden. Details are shown for Netherlands, Romania and Sweden.

Data source:

https://edgar.jrc.ec.europa.eu/country_profile/ROU https://edgar.jrc.ec.europa.eu/country_profile/SWE https://edgar.jrc.ec.europa.eu/country_profile/NLD

European Investment Bank, The EIB climate survey – Citizens call for green recovery : calls for a green recovery, Publications Office of the European Union, 2022, https://data.europa.eu/doi/10.2867/414948