

### GLOBAL ENERGY BALANCE AND TRENDS

# Where does the world stand in its endeavor to harness climate-friendly energy?

Guessing challenge:



Is there hope for the future?

### They've known it for 60 years

Fossile Energy
Consumption
since 1962



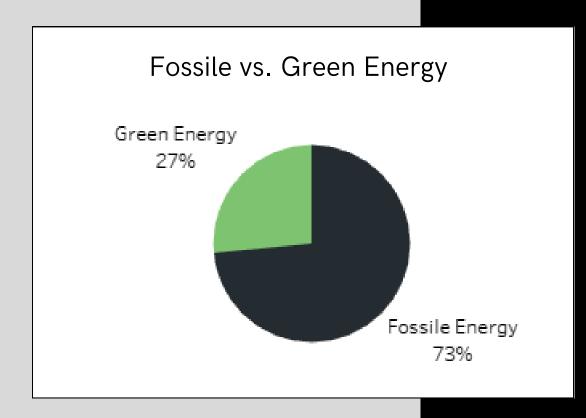




#### Global Energy Balance

Yearly energy consumption

26.515 Terawatt hours





Join at slido.com #3576 242

#### What is the most frequently used energy source?

Nuclear

0%

Gas

0%

Coal

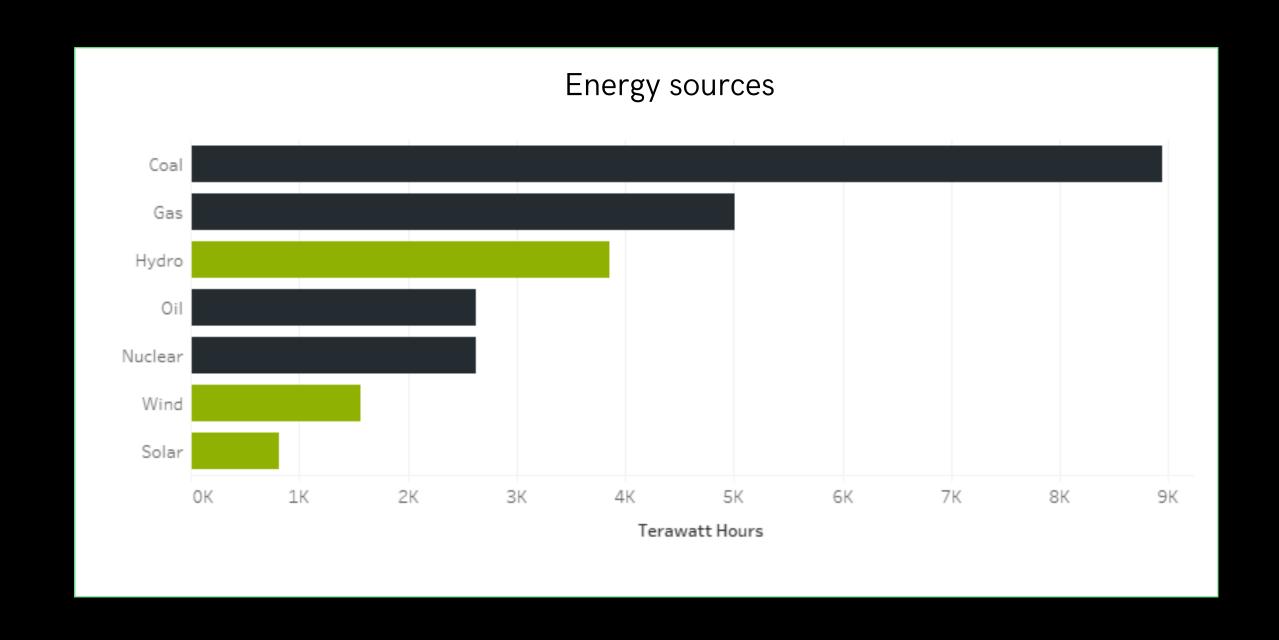
0%

Hydro

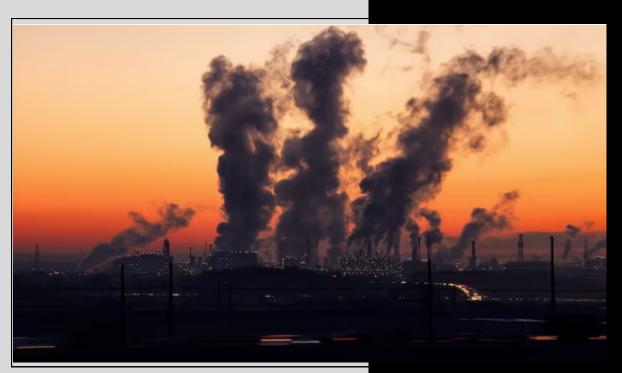


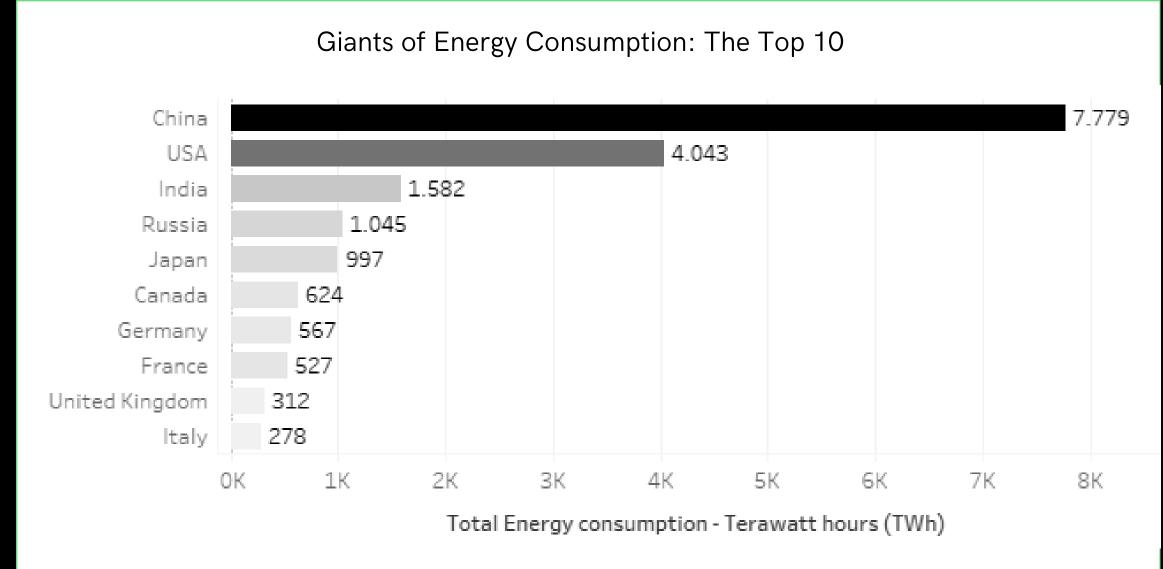
0%

#### Global Energy Balance

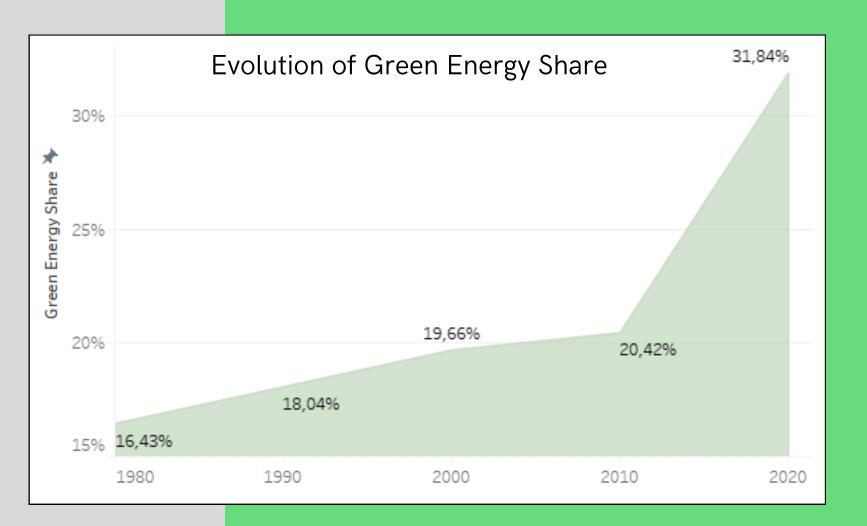


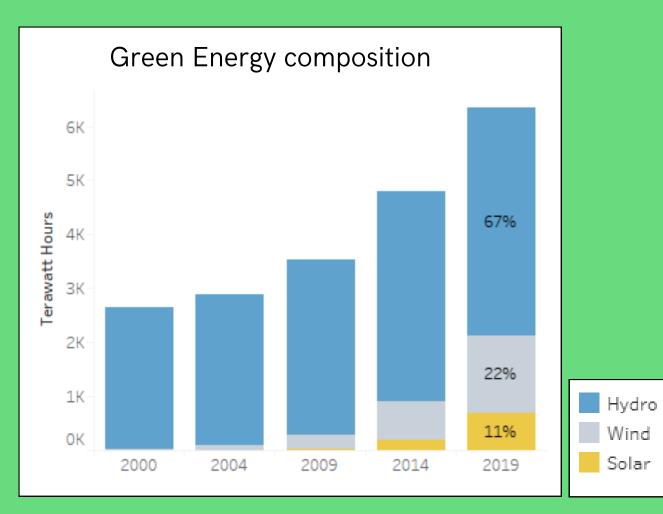
#### Global Energy Balance

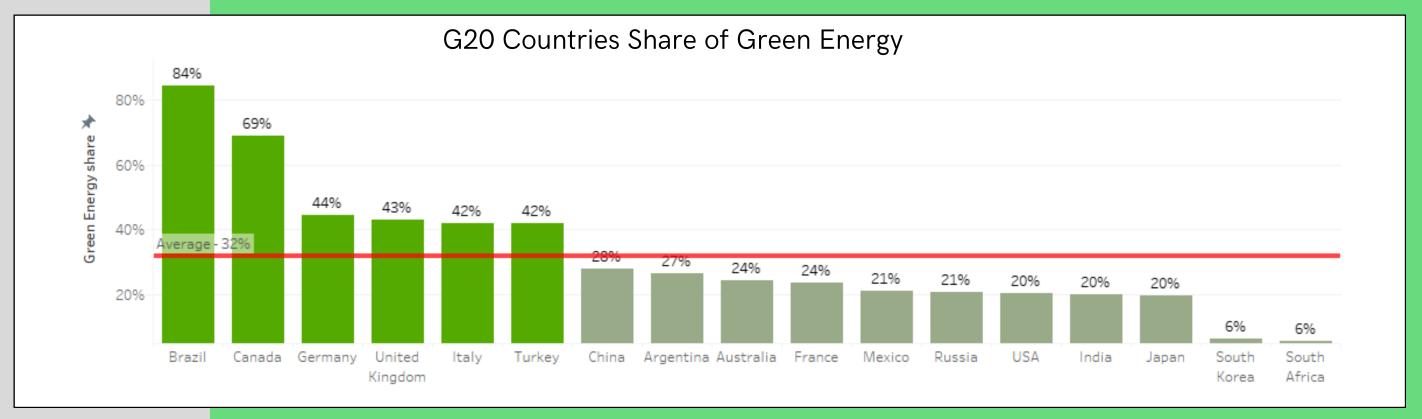




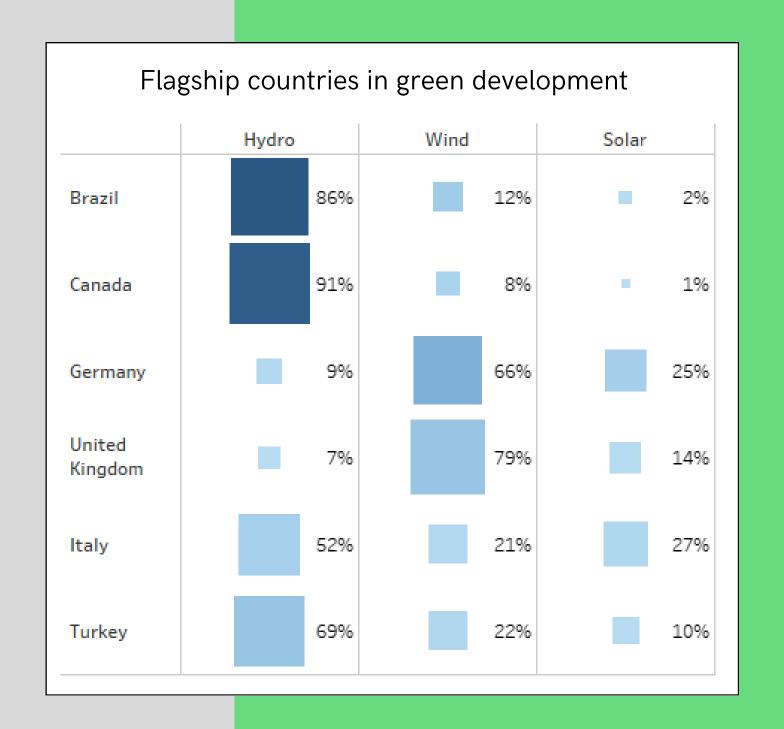
#### Trends in Renewable Energy

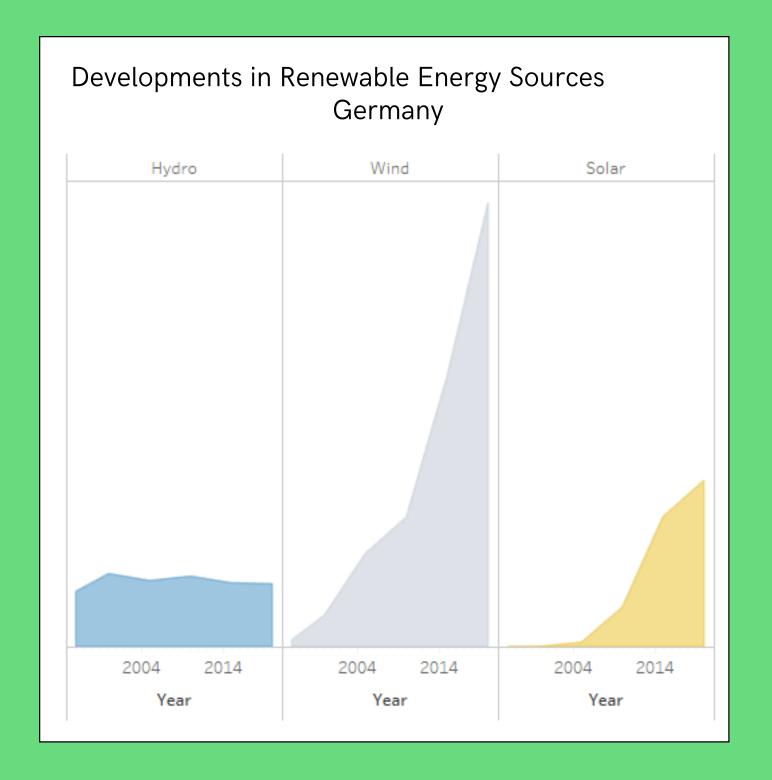






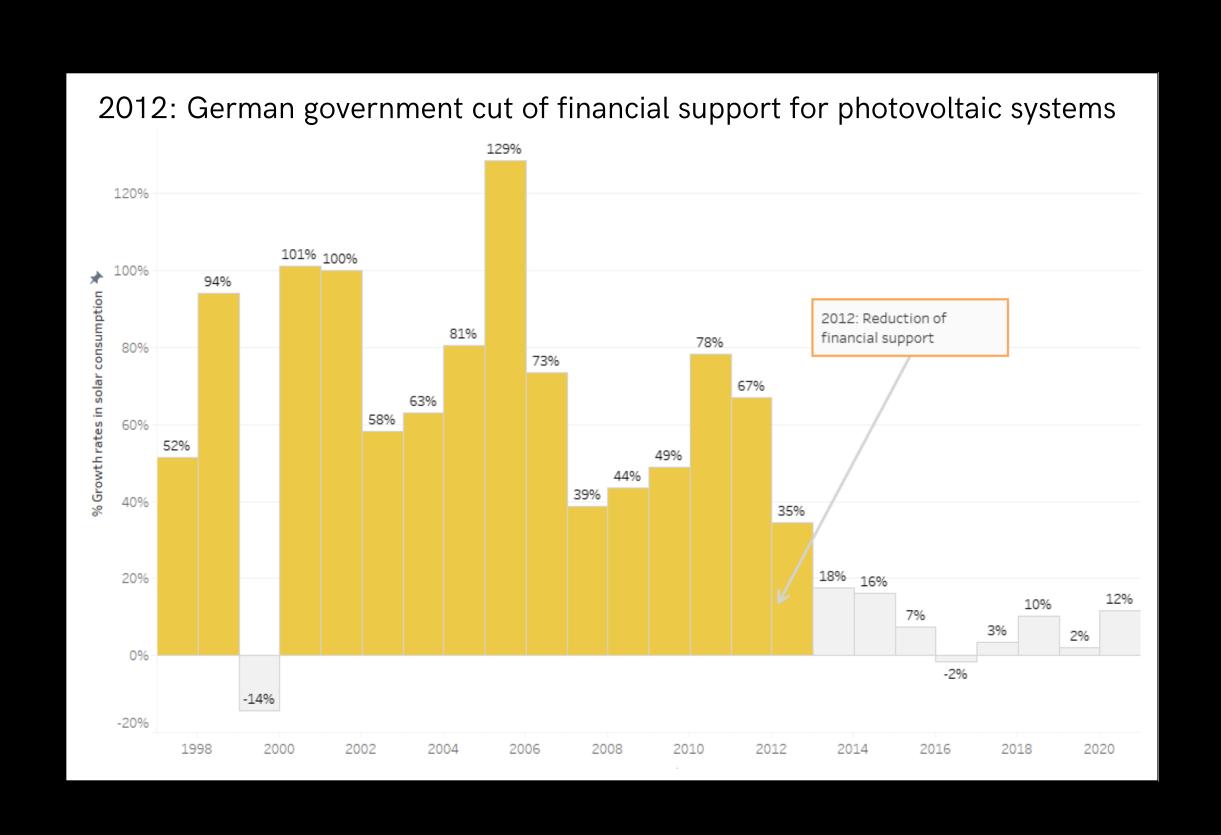
#### Renewables in Germany



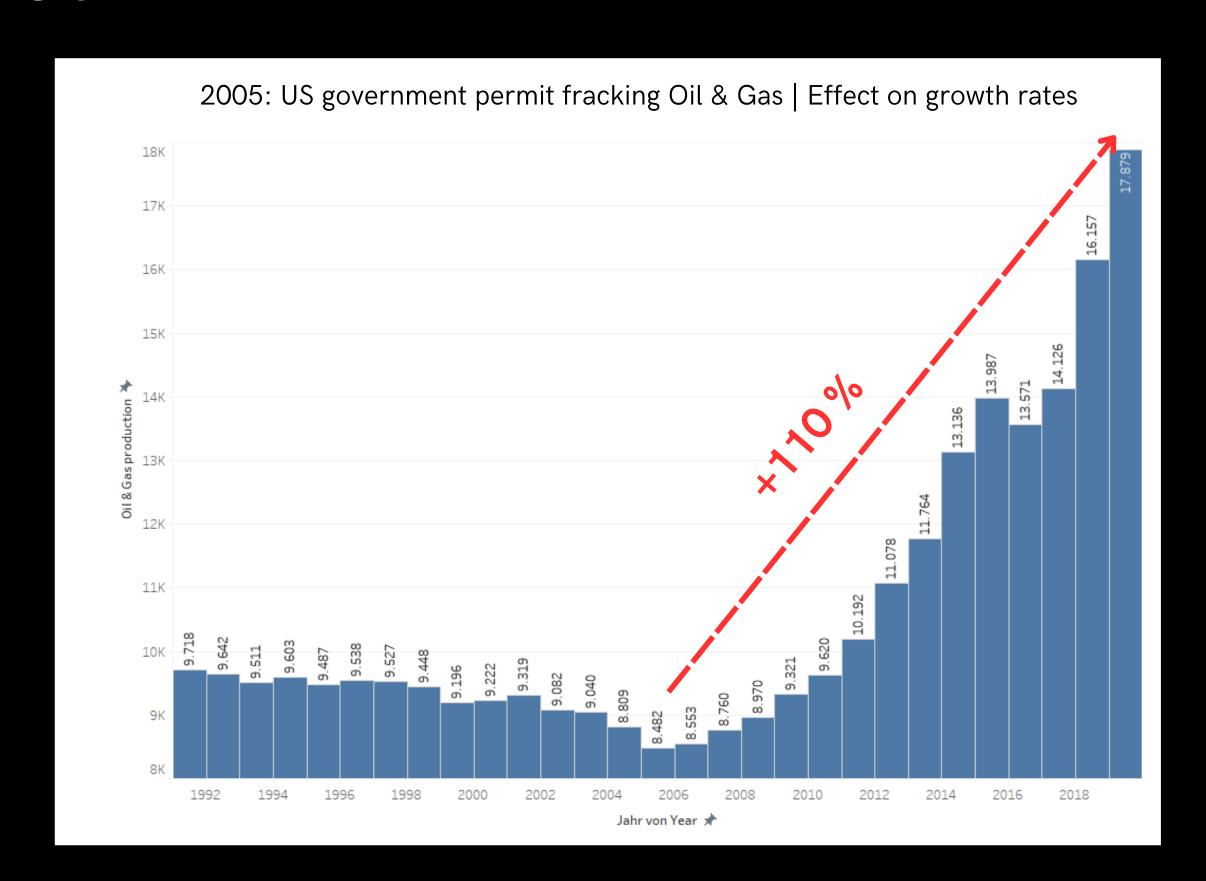


Impacts of policy shifts on the energy mix

### Impact of policy shifts on renewable energies in Germany



### Impact of policy shifts on fossile energies in USA



### It's up to us!



Sven Deiwicks - Data Analytics Graduation 2023-08-14

## Thank you for your attention

Sources:

kaggle.com ember-climate.org









Sven Deiwicks - Data Analytics Graduation 2023-08-14