1. Who can use this?

1.1. Policymakers and Government Agencies

Government officials and policymakers can utilize the insights from this project to inform and shape environmental policies and regulations at the national and international levels. It can help them make evidence-based decisions to mitigate climate change.

1.2. Businesses and Corporations

Companies interested in sustainability and corporate social responsibility can benefit from the data to assess their own emissions, set reduction targets, and make informed decisions regarding sustainable practices. It can also aid in supply chain analysis.

1.3. Researchers and Scientists

Climate scientists and researchers studying environmental issues can use the project to gain a deep understanding of global CO2 emissions trends, identify patterns, and explore correlations with prosperity. They can use the data for academic research, policy analysis, and modeling.

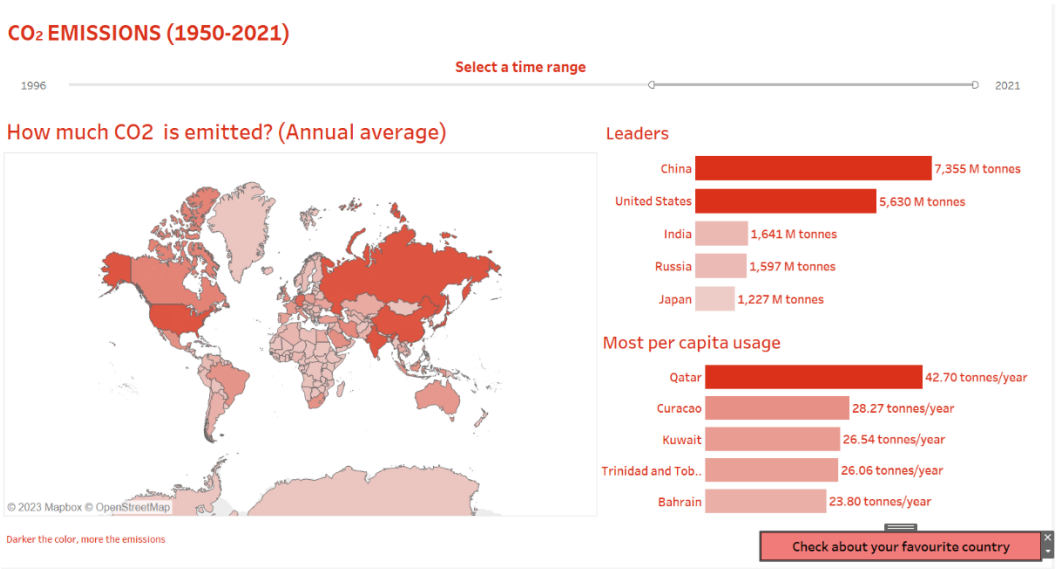
1.4. General Public

Interested individuals who want to learn more about global CO2 emissions and their impact on climate change can access and explore the dynamic dashboard. It can raise awareness and promote a better understanding of the issue.

2. Components

2.1. Worldwide overview

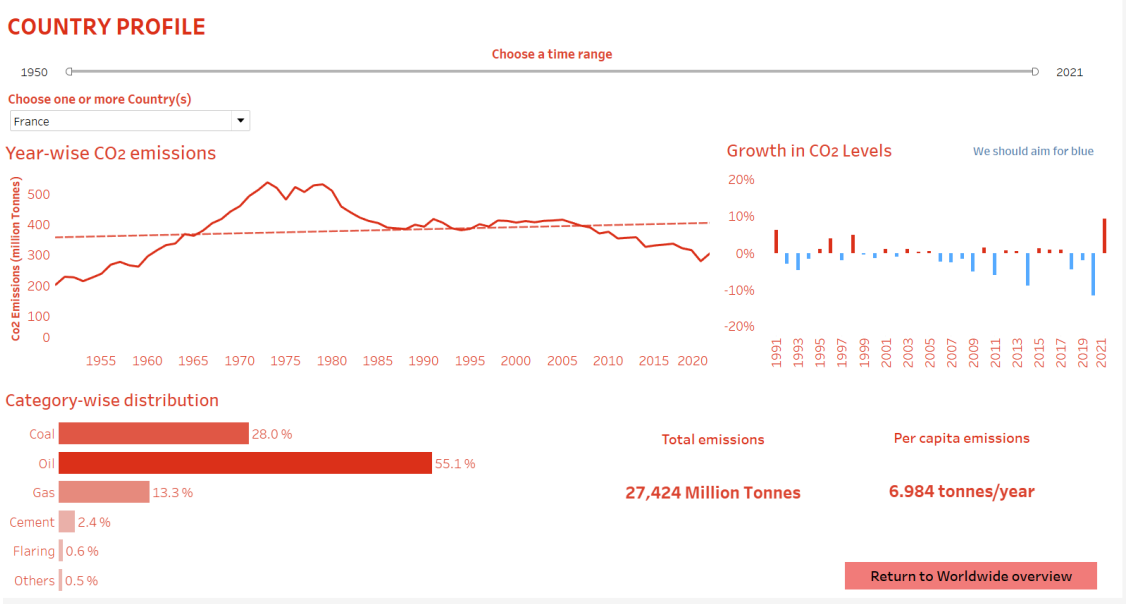
Find the screenshot below.



User can control time range and hover about any country to check the trend of CO2 emission over the chosen time range.

2.2. Country profile

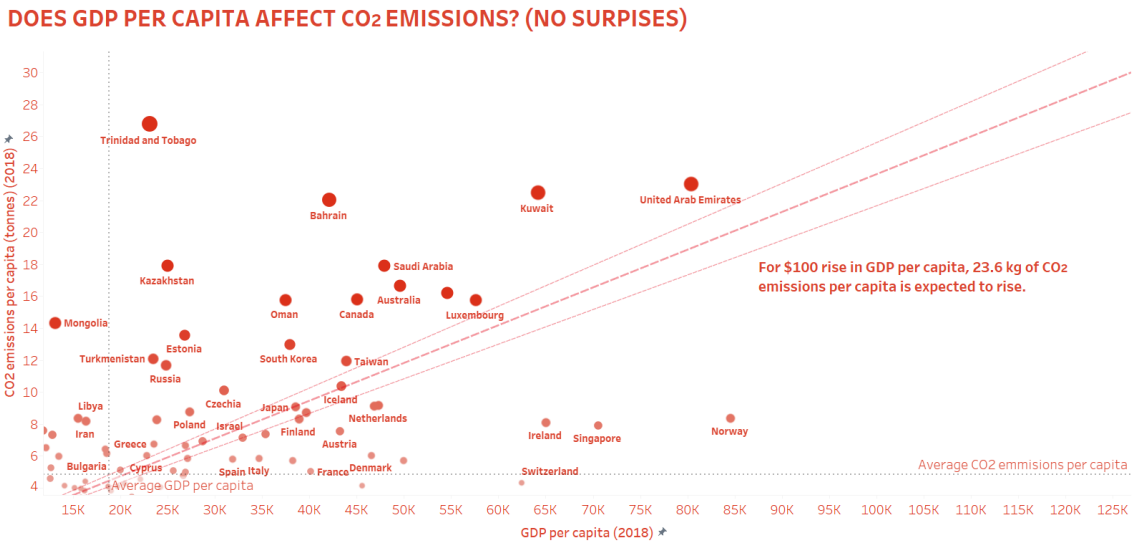
Find the screenshot below.



User can control time range, choose one or more country.

2.3. GDP_PC vs CO2_PC

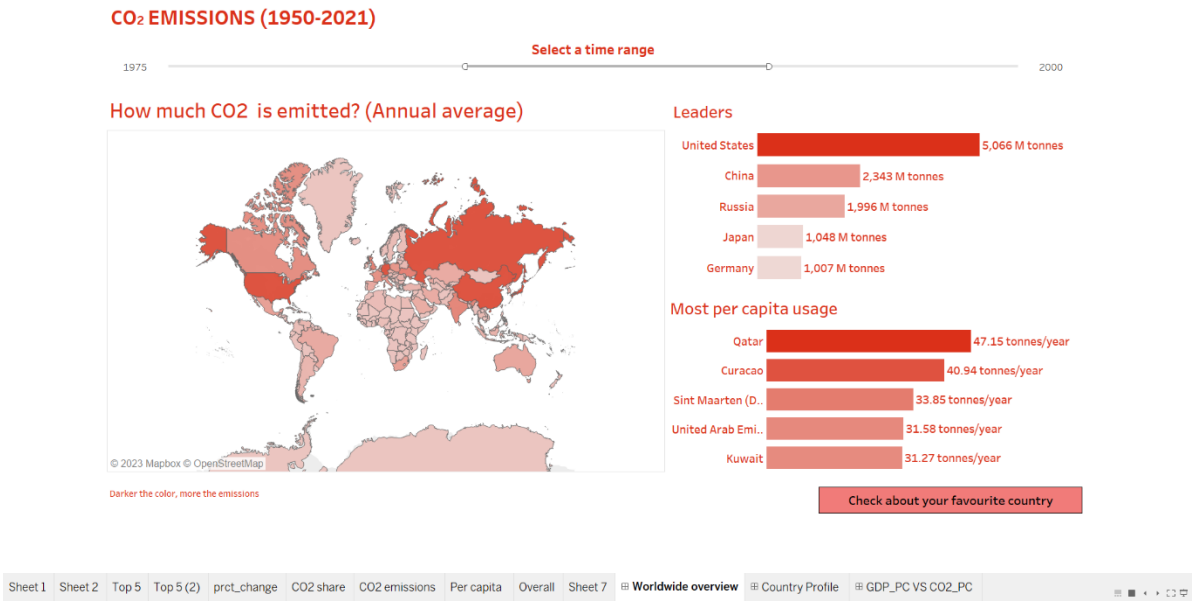
Find the screenshot below.

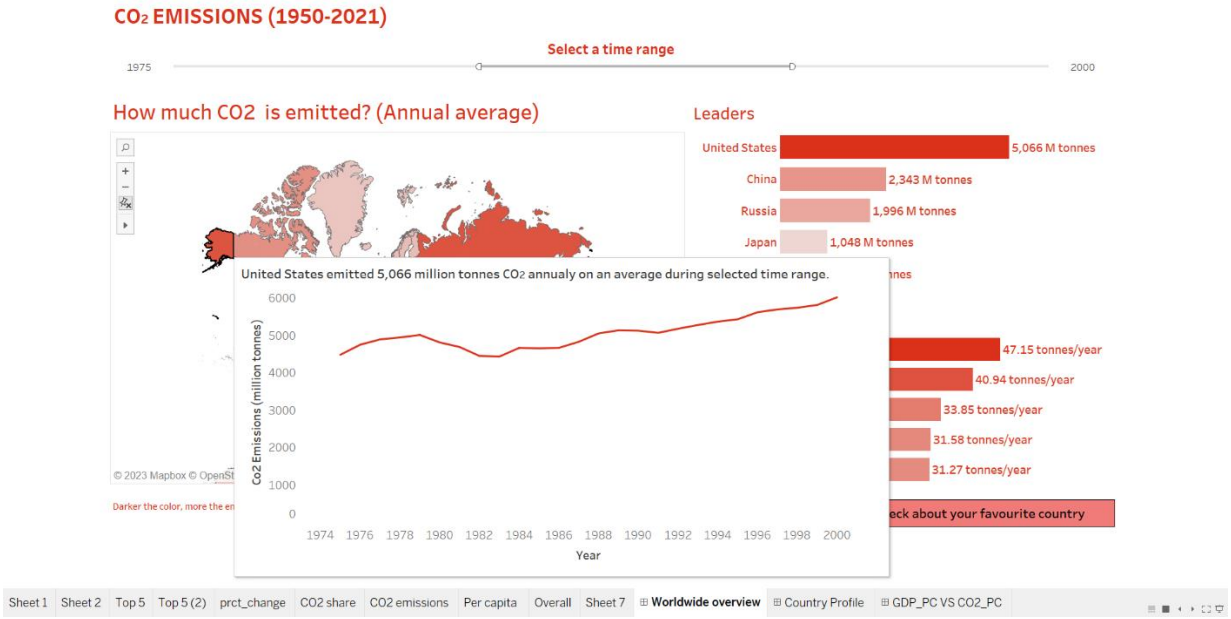


3. Examples (Use-cases)

Case-1

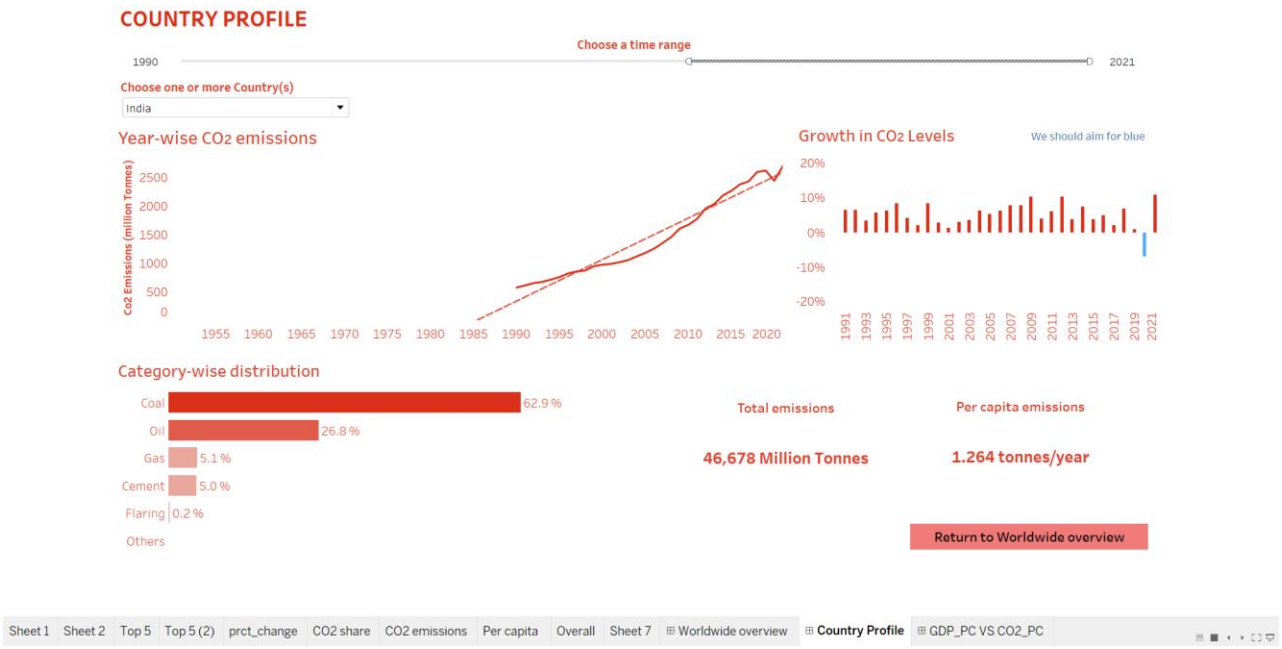
Find out which countries emit most CO2 during 1975-2000 on overall and per-capita level and show the trend of emissions for the country that has highest CO2 emissions.





Case-2

Find out the country profile of India for 1990-2021



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