

PROPOSAL

**UNITED
KINGDOM
GREENHOUSE
GAS REVIEW**

PROPOSED BY

**ADENIYI
OYEDELE**

ABOUT THE PROJECT

DATE PROPOSED

**25TH MAY
2021**

THE TASK

I have been commissioned by Alpha Beta Inc to do a review of Greenhouse gas emissions in the UK between 1990 and 2016.

The review is to provide an update to the general public on changes in emissions in the country between the years under review.

Focusing on skills acquired in this class the project delivers an interactive dashboard using tools like Python, Pandas, Plotly, Javascript, and other programming libraries as well as database tools like PostgreSQL

BACKGROUND

In 2019, net greenhouse gas emissions in the United Kingdom (UK) were 454.8 million tonnes carbon dioxide equivalent (CO₂e), of which 80% was carbon dioxide (CO₂). Since 1750 around 80 billion tonnes of carbon dioxide alone have been emitted in the UK. Emissions decreased in the 2010s due to the closure of almost all coal-fired power stations,[2] but in 2018 emissions per person were around 7 tonnes, still somewhat above the world average. (Wikipedia)

GOAL

To present a general review of greenhouse gas emissions in the UK between 1990 and 2016, supported by appropriate data and interactive visualization suitable for the client's general public.

TASKS

- Source data that pertains to our topic
- Clean the data collected to ensure a smooth analysis
- Upload this data to a database
- Build a rough skeleton of the dashboard to be used
- Build the appropriate visualizations using libraries such as Plotly or Leaflet
- Implement these visualizations into the dashboard
- Finalize the dashboard and report for presentation