PROJECT REPORT

Unearthing the environmental impact of human activity: A Global CO2 emission analysis

1. INTRODUCTION

1.1 Overview

CO2 emissions happens burning of fossil fuels like coal and oil. Coal is responsible for more emissions than any other fossil fuel, representing approximately 41% of global fossil CO2 emissions. The two biggest contributors to global emissions were China and US.

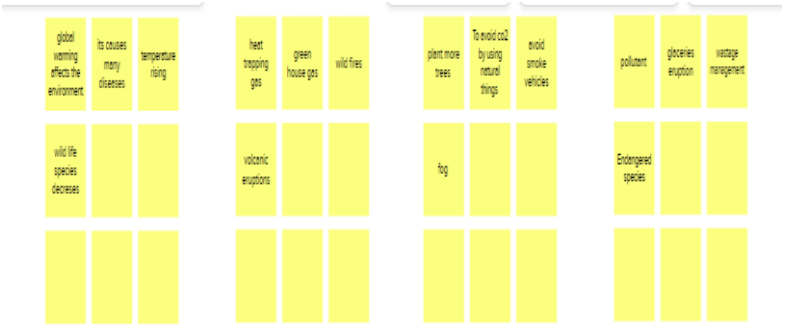
1.2 Purpose

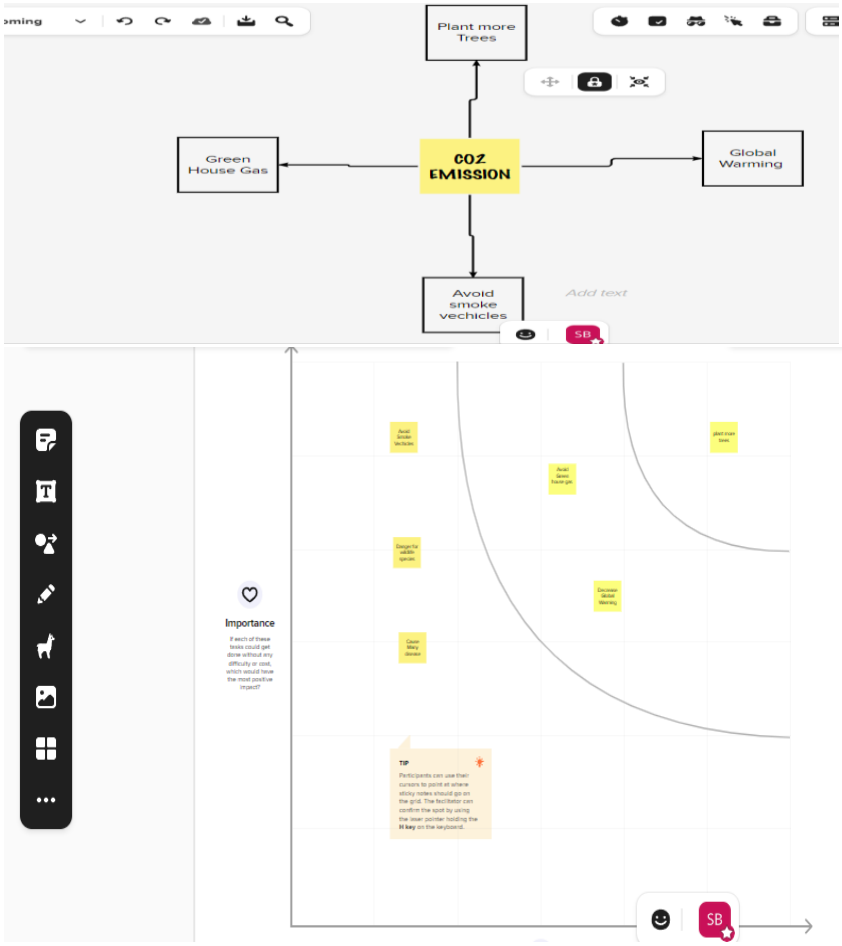
The Carbon in CO2 Can be used to produce use today, including methane, methanol, gasoline and fuels that are in aviation fuels.

2. Problem Definition & Design Thinking

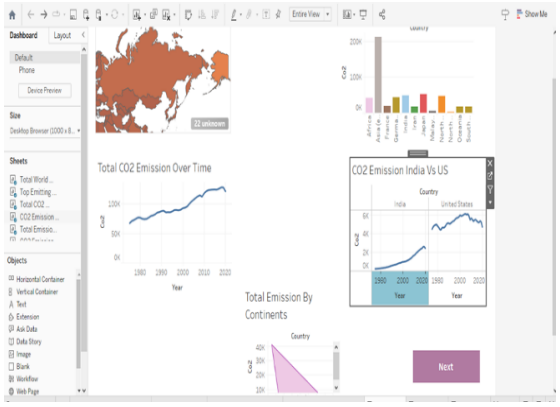
2.1 Empathy Map

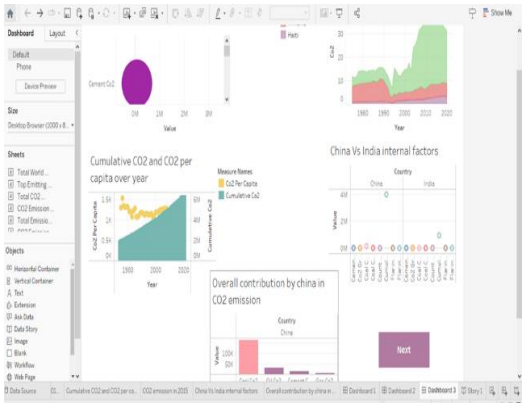
2.2 Ideation & Brainstorming Map

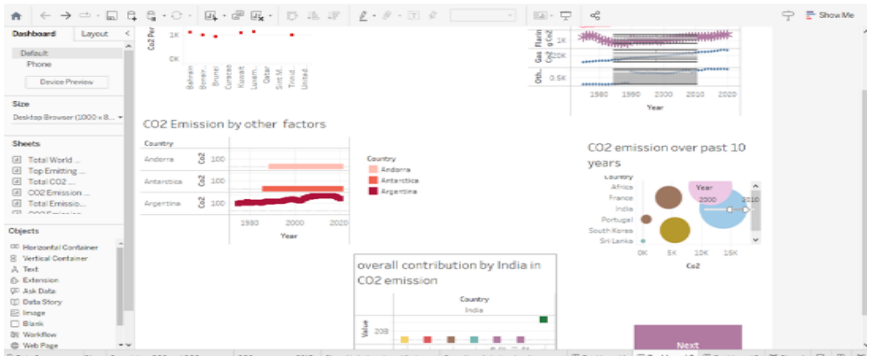

global warming effects the environment
its causes many diseases
temperature rising
heat trapping gas
green house gas
wild fires
plant more trees
To avoid co2 by using natural things
avoid smoke vehicles
pollutent
glaceries eruption
wastage management
wild life species decreases
volcanic eruptions
fog
Endangered species

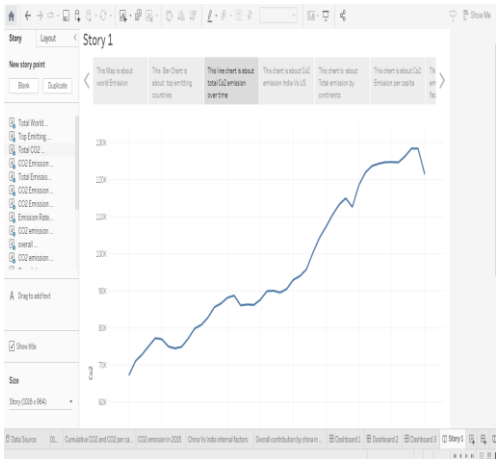

Plant more Trees
Green House Gas
CO2 EMISSION
Global Warming
Avoid smoke vechicles
Add text
SB
Importance
SB

3. Result









4. Advantages & Disadvantages

Advantages:

❖ Green plants grow faster with more CO2.

- More abundant vegetation from increased CO_2 is already apparent.

Disadvantages:

- It affects the economic growth & foreign investment
- It affects the environmental conditions and decrease air quality.

5. Applications

The Carbon (and oxygen)in CO_2 can be used as an alternative fossil fuels in the production of chemicals, including plastics, fibers and synthetic rubber.

6. Conclusion

The rising level of atmospheric CO_2 could be the one global natural resource that is progressively increasing food production and total biological output.

7. Future scope

In the Annual Energy Outlook 2022(AEO2022) Reference case, which assumes no change to current laws or regulations, the U.S. Energy Information Administration(EIA) project that U.S. energy-

related carbon dioxide(CO_2) emissions will fail to 4.5 billion metric tons in 2037, or 6% below the energy-related co_2..

8. Appendix

A.Source code: sugapriya team Final project.html