

PROJECT REPORT

1. INTRODUCTION

1.1 Over view

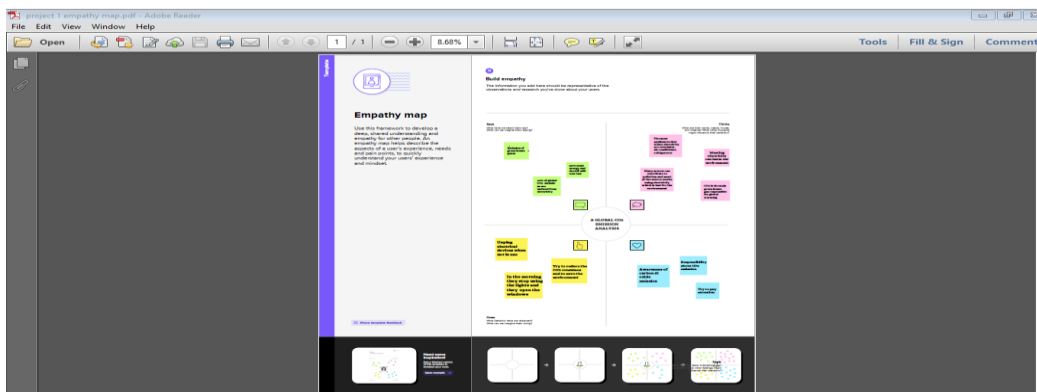
This project Unearthing the environmental impact of human activity global co2 emission describes the problems of co2 emission and collect the dataset over the country. It helps to understand the importance of co2 emission and gives idea to solve the co2 emission problem.

2.2 Purpose

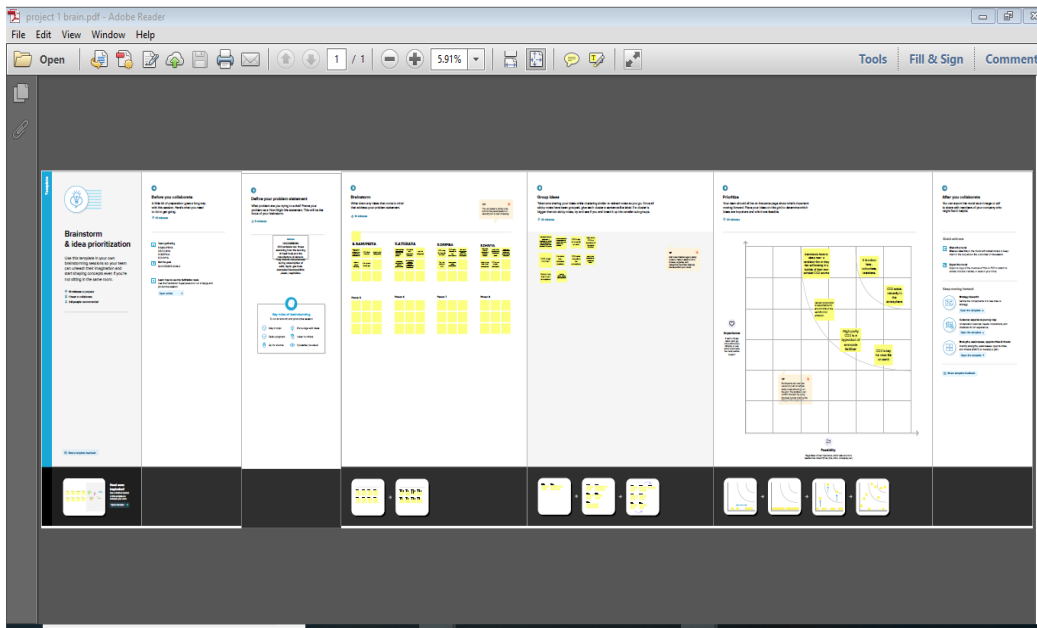
New opportunities to use carbon dioxide (co2) in the development of products and services and capturing the attention of government ,industry and the investment community interested in climate changes as well as in other factors, including technology leadership and supporting a economy .This analysis consider the near term market potential for five key categories of co2 derived product and services; fuel ,chemical building material from waste and co2 use to enhance the yield of biological process.

2. Problem definition and design thinking:

2.1Empathy map

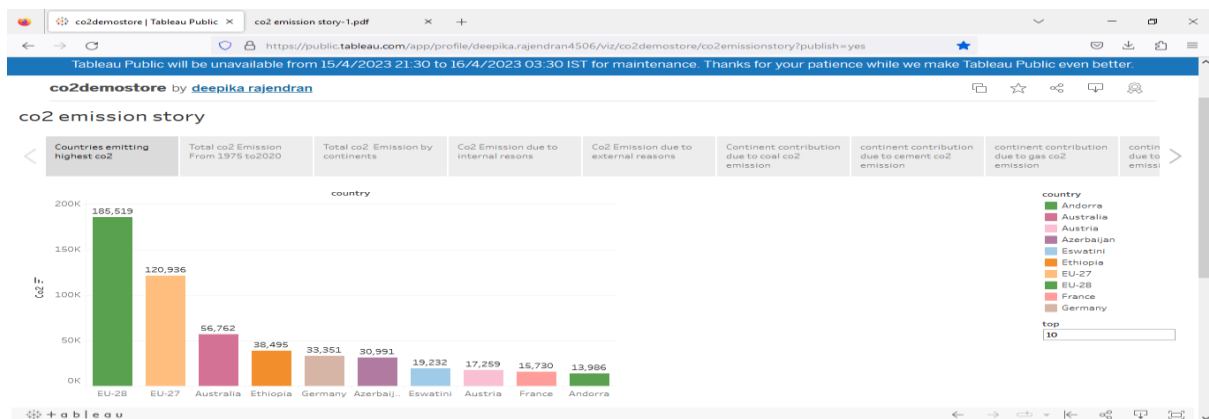
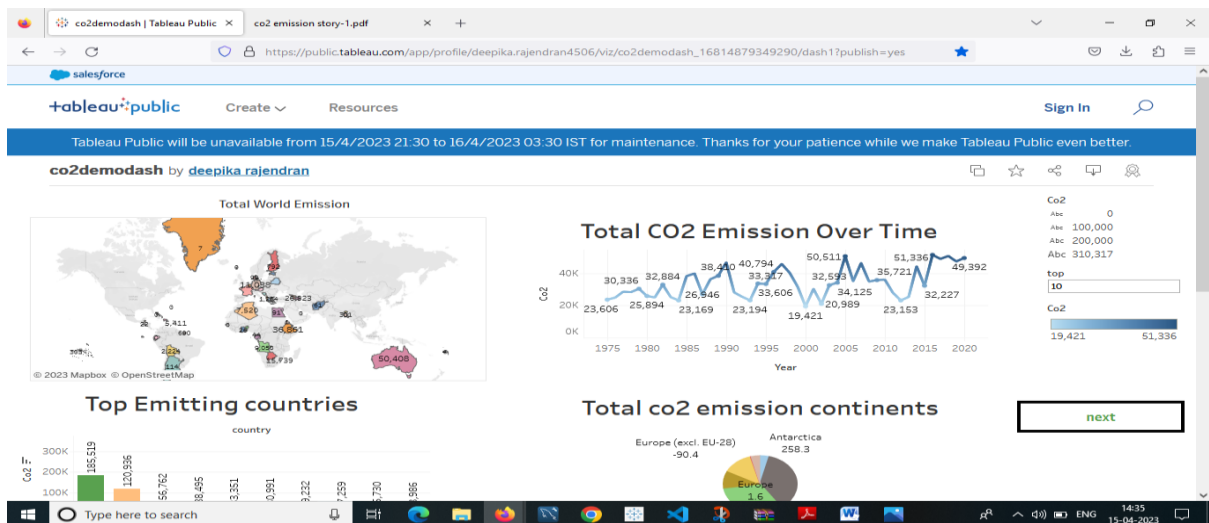


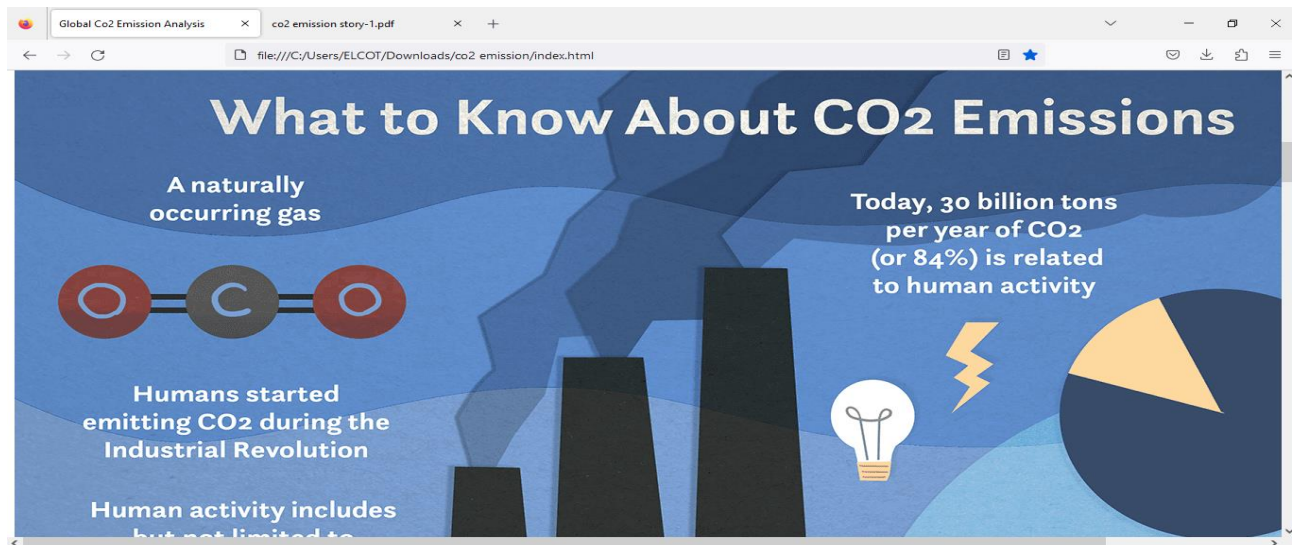
2.2 Ideation & brainstorming map



3. Result:

Resulting screenshot of dashboard, story and the co2 emission analysis





4. Advantages & Disadvantages:

The advantages of CO_2 emission is, it helps green plants to grow faster with high CO_2 . Many also become more drought resistance because higher CO_2 level allows plants to use water more efficiently.

Reducing these co-emitted air pollutants improves air quality and benefit human health

The disadvantages of CO_2 emission is, carbon dioxide gas can be toxic and very harmful to human, it increase the temperature of earth atmosphere.it causes the global warming effect that has effect on the earth.

CO_2 gas level increases to higher than 5% in the room, this ratio is enough to kill the human being .symptoms of CO_2 gas toxicity are high blood pressure ,head ache ,flushing skin and twitching the muscles.

5. Applications:

Carbon dioxide in solid and in CO_2 in liquid is used for refrigeration and cooling. CO_2 is also widely used in food and beverage production, the fabrication of metal, cooling, fire suppression and in green house to stimulate plant growth.

CO_2 plays various roles in human body including regulation of blood PH , respiratory drive and affinity of haemoglobin for oxygen.

6. Conclusion:

Nonetheless the conclusion is that regional climate changes, especially temperature increases, are impacting natural system across the world and that these temperature increases are most likely to be the result anthropogenic greenhouse gas emissions.

7. Future scope:

Co₂ can replace the fossil fuels as a raw material in chemical and polymers. The future market potential for co₂ derived products and service is difficult to assess. Natural gas combined cycle(NGCC) Plant may also have co₂ capture fitted .Reductions that occur outside of the products life cycle or value chain , but as are result of the use of that product.

8. Appendix:

Source:<file:///C:/Users/ELCOT/Downloads/co2%20emission/index.html>

