

# Unearthing the environmental impact of human activity – A global CO2 emission analysis

## 1. INTRODUCTION

### 1.1 Overview

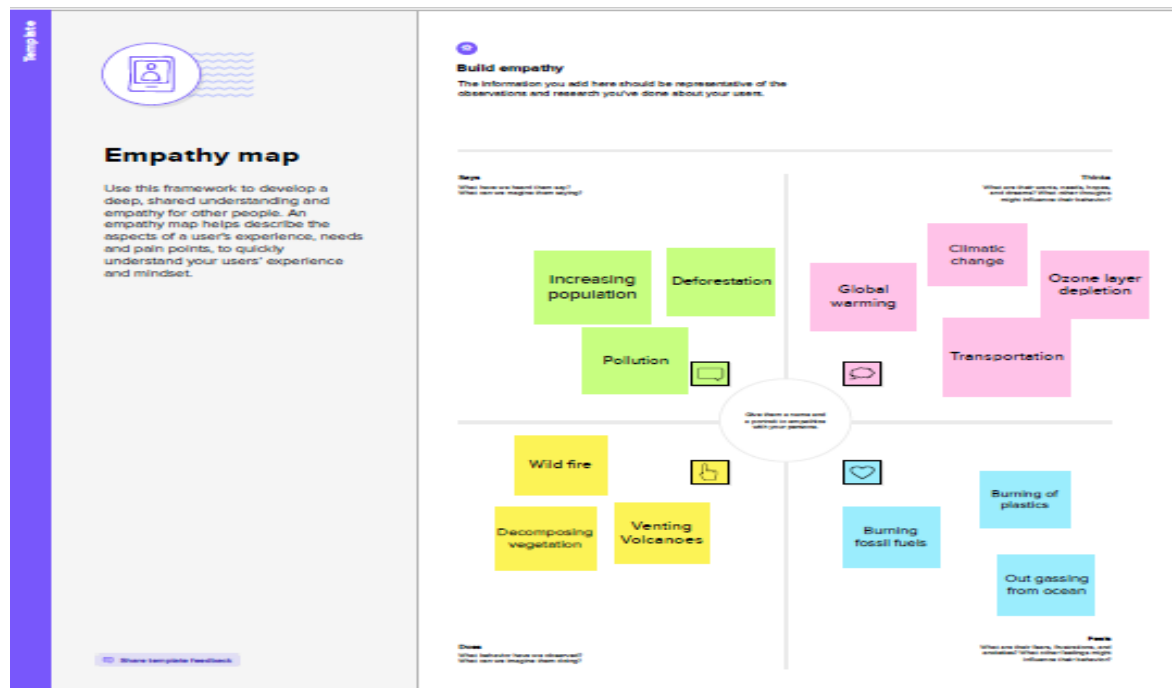
Global warming is one of the biggest challenges currently being faced by the human race.

### 1.2 Purpose

Excessive emission of CO2 can cause harm to many living creatures

## 2. PROBLEM DEFINITION AND DESIGN THINKING

### 2.1 Empathy map



## 2.2 Brain storming map

**Brainstorm & Idea Prioritization**

Use this template to plan your brainstorming session, record your ideas, and prioritize them. You can use this template to plan your brainstorming session, record your ideas, and prioritize them.

**Before you brainstorm**

1. Define your problem statement

2. Define your problem statement

3. Define your problem statement

**Brainstorm**

Record your ideas in the grid below. Each idea should be recorded in a separate row.

Idea	Importance	Feasibility
1. Reduce greenhouse gas emissions	High	Medium
2. Increase renewable energy use	High	High
3. Improve energy efficiency	Medium	High
4. Reduce deforestation	Medium	Medium
5. Increase public transportation	Medium	Medium
6. Reduce meat consumption	Medium	Medium
7. Increase recycling	Medium	Medium
8. Reduce single-use plastics	Medium	Medium
9. Increase energy efficiency in buildings	Medium	Medium
10. Reduce energy consumption in data centers	Medium	Medium

**Group ideas**

Group your ideas into categories. You can use sticky notes to move ideas around.

**Prioritize**

Plot your ideas on the scatter plot. The x-axis represents Feasibility and the y-axis represents Importance. Ideas in the top-left quadrant are high importance and low feasibility. Ideas in the bottom-right quadrant are low importance and high feasibility. Ideas in the top-right quadrant are high importance and high feasibility. Ideas in the bottom-left quadrant are low importance and low feasibility.

**After you brainstorm**

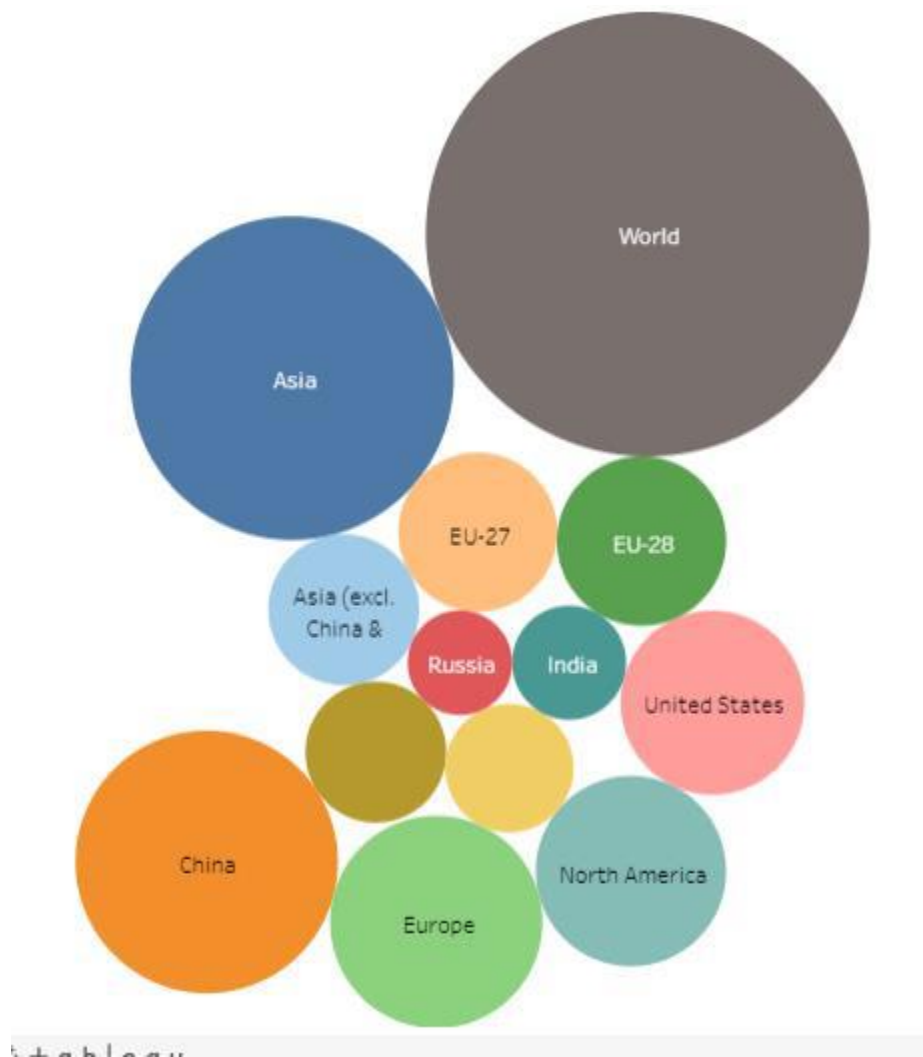
Review your ideas and prioritize them. You can use sticky notes to move ideas around.

**TIP**

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

## 3. RESULT

- This data may include the information about co2 emission on various country for different reasons
- All over the world **RUSSIA** has the more CO2 emission.



#### **4. ADVANTAGES AND DISADVANTAGES**

Carbon dioxide is an important greenhouse gas that helps to trap heat in our atmosphere. Without it, our planet would be inhospitably cold. However, an increase in CO<sub>2</sub> concentrations in our atmosphere is causing average global temperatures to rise, disrupting other aspects of Earth's climate

## **5. APPLICATIONS**

Carbon dioxide is used as a refrigerant, in fire extinguishers, for inflating life rafts and life jackets, blasting coal, foaming rubber and plastics, promoting the growth of plants in greenhouses, immobilizing animals before slaughter, and in carbonated beverages

## **6. CONCLUSION**

Here by conclude that without CO<sub>2</sub> no one can live . Massive emission of CO<sub>2</sub> can harm many living creatures.

## **7. FUTURE SCOPE**

Emissions are **indirect GHG emissions associated with the purchase of electricity, steam, heat, or cooling**