

INTRODUCTION:

OVERVIEW;

Consumption pattern of energy shows the percentage use of different sources. The consumption pattern of energy changes over time. Commercial energy makes up about 65% of the total energy consumed in India.

Purpose;

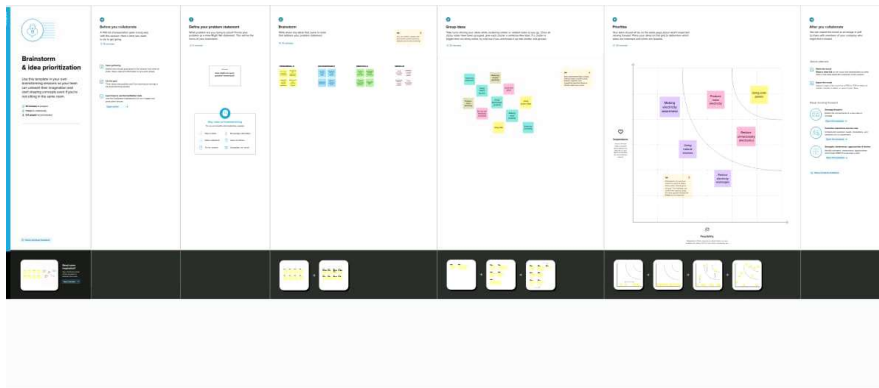
Electric energy consumption is the form of energy consumption that uses electrical energy. Electric energy consumption is the actual energy demand made in existing electricity supply for transportation, residential, industrial, commercial, and other miscellaneous purposes.

Problem Definition&Design Thinking:

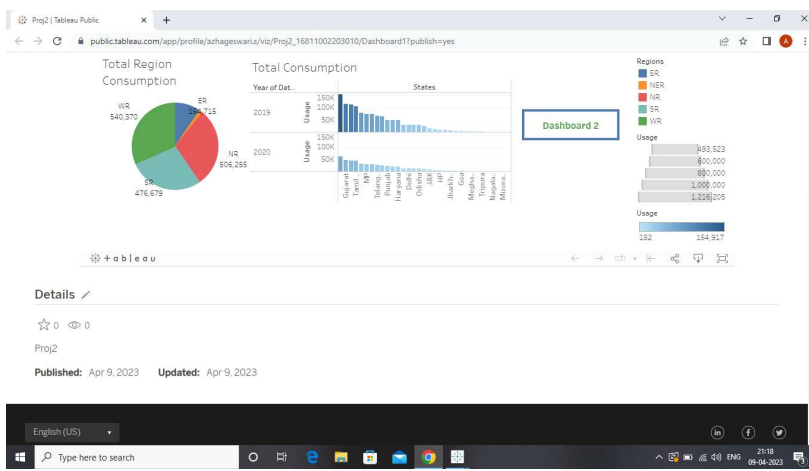
Empathy Map;

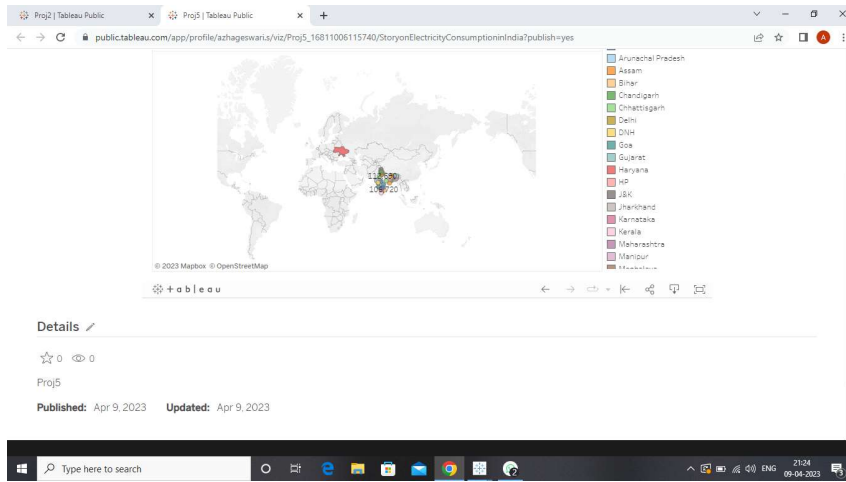


Ideation&Brainstorming Map;



Result:





Advantages & Disadvantages

Advantages:

The advantage of electric power is its reliable and uninterrupted supply runs the equipment efficiently and continuously. The transportation of electricity is easy once the transmission lines are functional. They work for years and need no or very less maintenance.

Disadvantages:

Power plants that burn biomass release sulfur dioxide and nitrogen oxides, two undesirable pollutants, into the air. Power plants that burn fossil fuel pump carbon dioxide into the atmosphere. Carbon dioxide is a greenhouse gas that causes Earth's temperature to rise.

Application:

Our project on Electricity Consumption is helpful in finding the maximum electricity usage countries in the world. Some ways should be found to balance the consumption rate. Alternate energy sources can be found out and used. The dates can be passed on to the concerned

authorities and the wastage of current those countries must be minimized. This in turn we help us to save electricity.

Conclusion:

In India because of large population the electricity consumption is also very high. But there are not many sources to produce electricity to fulfill the needs of people living here. In this project we have considered the years 2019 and 2020 alone for study. In daily life we must reduce the consumption rate as it is a way of saving electricity. Other alternate sources of power must be developed to make all the countries self-sufficient in their electric needs.

Future Scope:

Electricity Consumption is an important factor that is continuously increasing over the years with increase in population every country is trying its best to deal with electricity crisis. Our study can be used to find out the places where Electric Consumption is maximum and other ways can be found out to balance the needs of those countries. In this way our project is useful to the society.