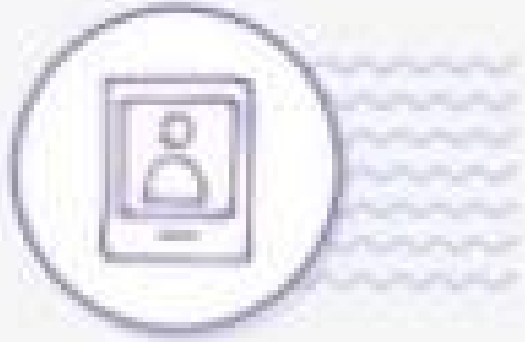


UNEARTHING THE ENVIRONMENTAL IMPACT OF HUMAN ACTIVITY-A GLOBAL CO2 EMISSIONS ANALYSIS

INTRODUCTION :

In decades human have faced sever climate change. Since the industrial revolution began around 1750,human activities have contributed substantially to climate change by adding CO2 and other heat trapping gases to the atmosphere. We need green house gases to keep our planet livable by holding onto some of Earth's heat energy so that it doesn't all escape into space. But the over emission of green house gas makes Earth too warm. Global warming causes the melt of glaciers and results in the rise of sea level. Therefore, this report mainly focuses on the issue, global CO2 and greenhouse gas emissions, intends to invoke the climate crisis that we should address immediately. This will help researchers and environment experts to predict global warming so country should set a goal to decrease this amount yearly. Analysis global CO2 emissions across the countries from 1975-2020 the data set contains a record of CO2 emission across country and region of earth, here we are going to analysis and visuals the country wise, region wise and overall CO2 emissions of earth.





Empathy map

Use this framework to develop a deep, shared understanding and empathy for other people. An empathy map helps describe the aspects of a user's experience, needs and pain points, to quickly understand your users' experience and mindset.

[Share template feedback](#)



Build empathy

The information you add here should be representative of the observations and research you've done about your users.

Says

What have we heard them say?
What can we imagine them saying?

The drastic growth in the population will also result in lead a Co2 across

We world this population increase their usage of plastic

Co2 records by types of countries co2 trends over the years, Co2 trends over the years by sex, cities with highest average Co2

Co2 by city type Co2 of cities by years

Reduce air travel. As of 2017 the amount of transportation related carbon dioxide emission eclipsed the amount of electricity generation emission

Transportation is now the number one source of greenhouse

Make your home more energy efficient if you live in a state that allows you to choose your energy supplier

Need for sustainable development fear of environmental degradation fear of economic recession quality of life

Does

What actions have we observed?
What can we imagine them doing?

Thinks

What are their wants, needs, hopes, and dreams? What other thoughts might influence their behavior?

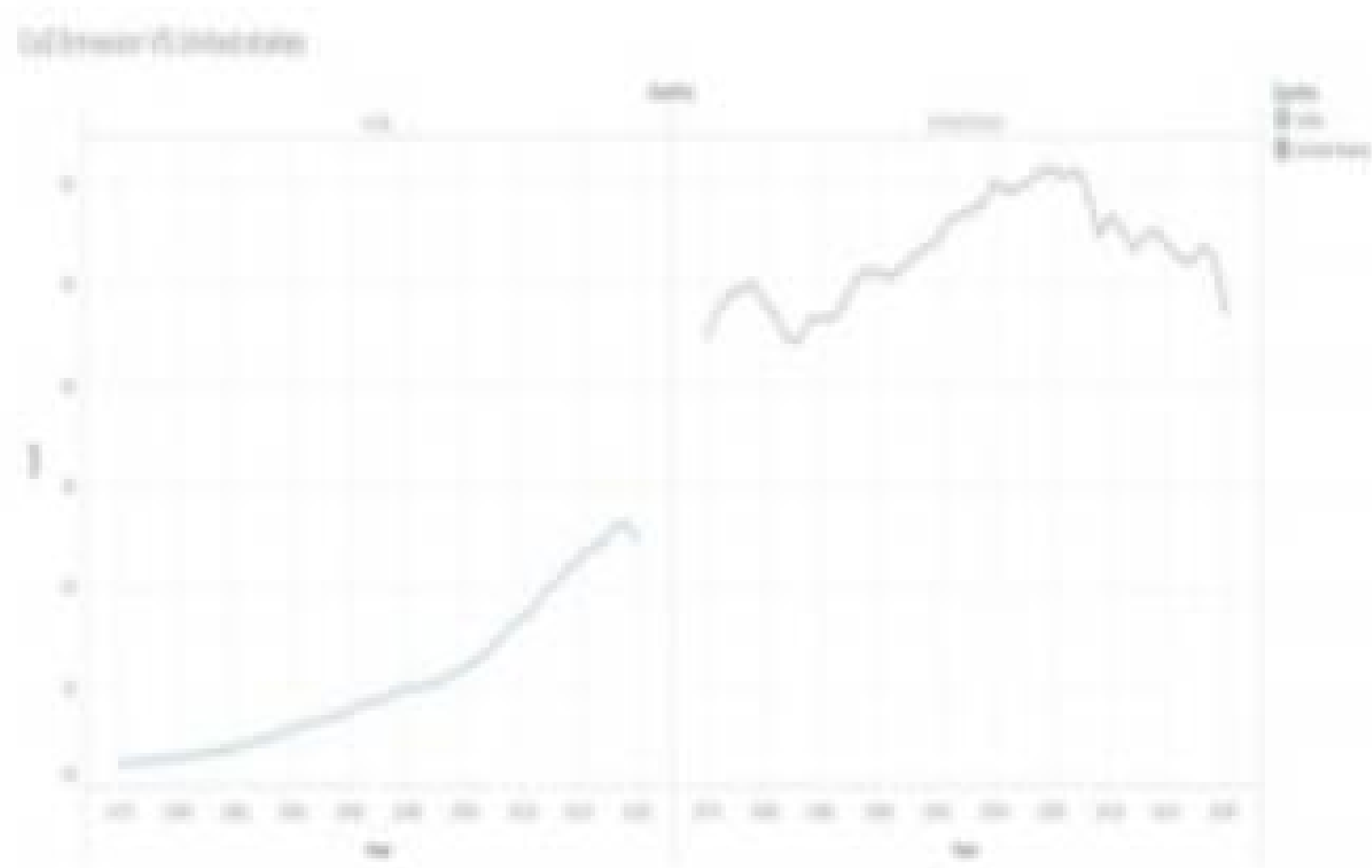
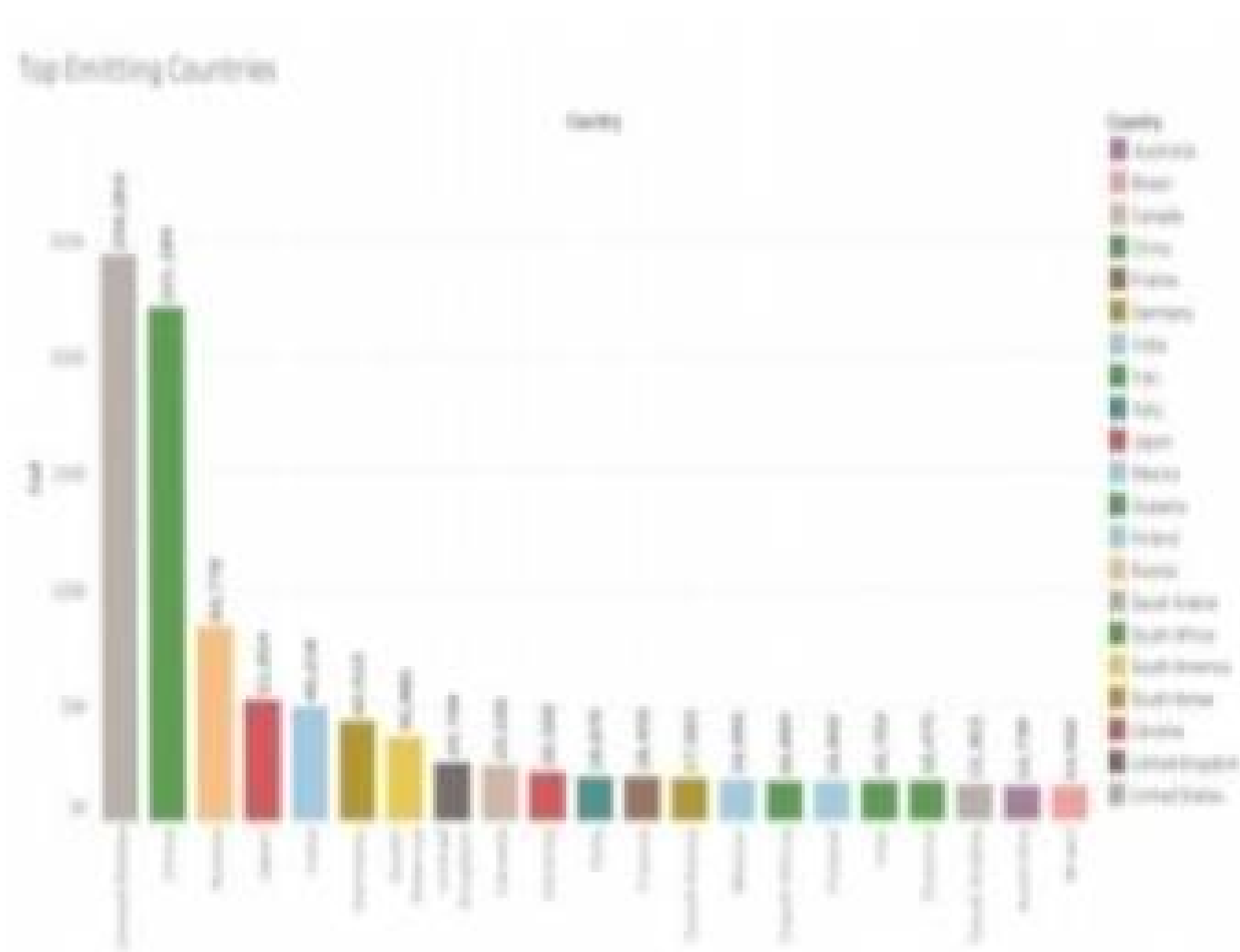
Feels

What are their fears, frustrations, and anxieties? What other feelings might influence their behavior?

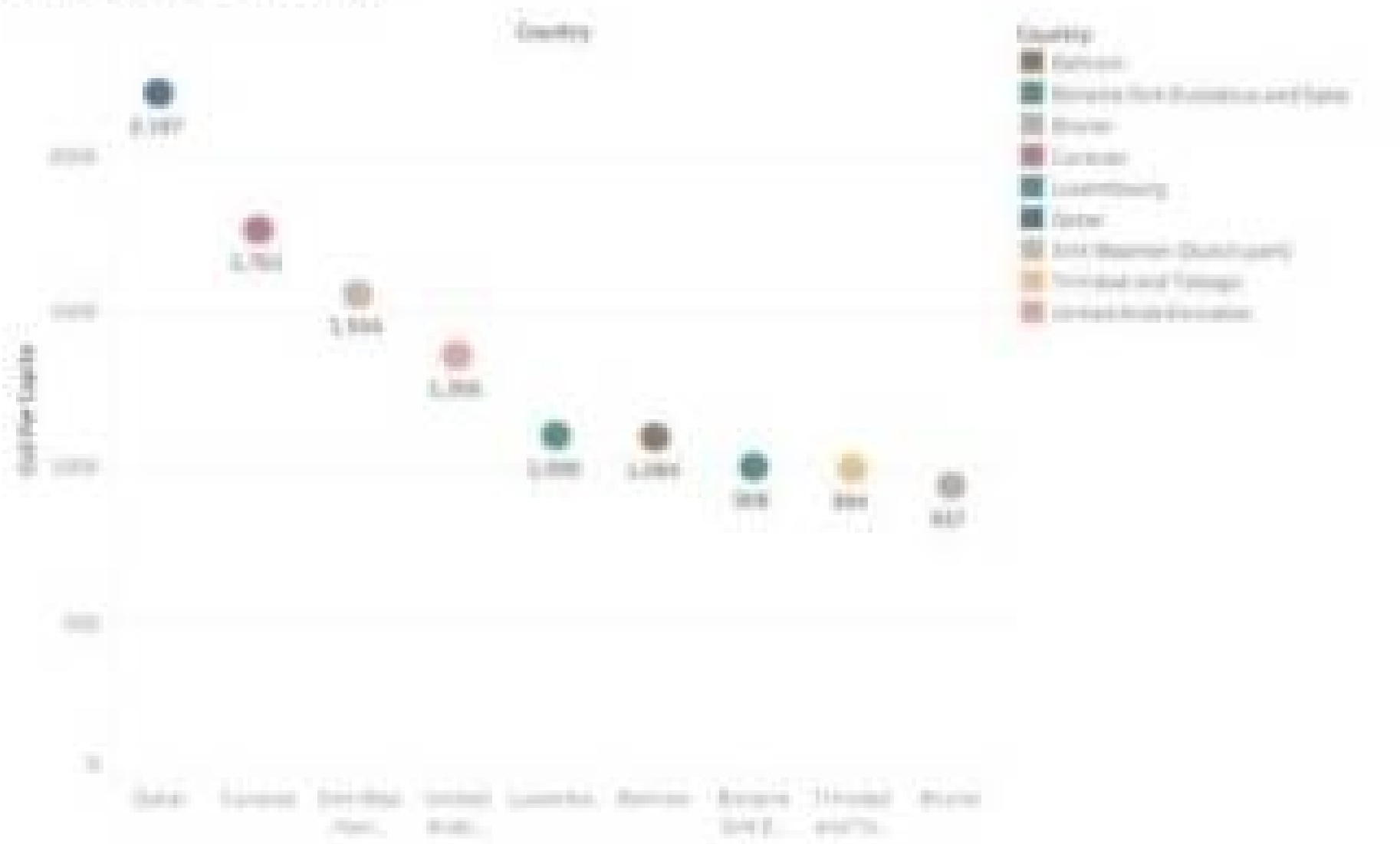
RESULT:

Based on this topic we have created 17th sheets which is be used to identify and verify most and least emission co2 in various countries. China has emitted lot of co2 in 2020 compared to all the other countries. Thus, the various slides created by us is useful in determinate the emission of co2 in various aspects.

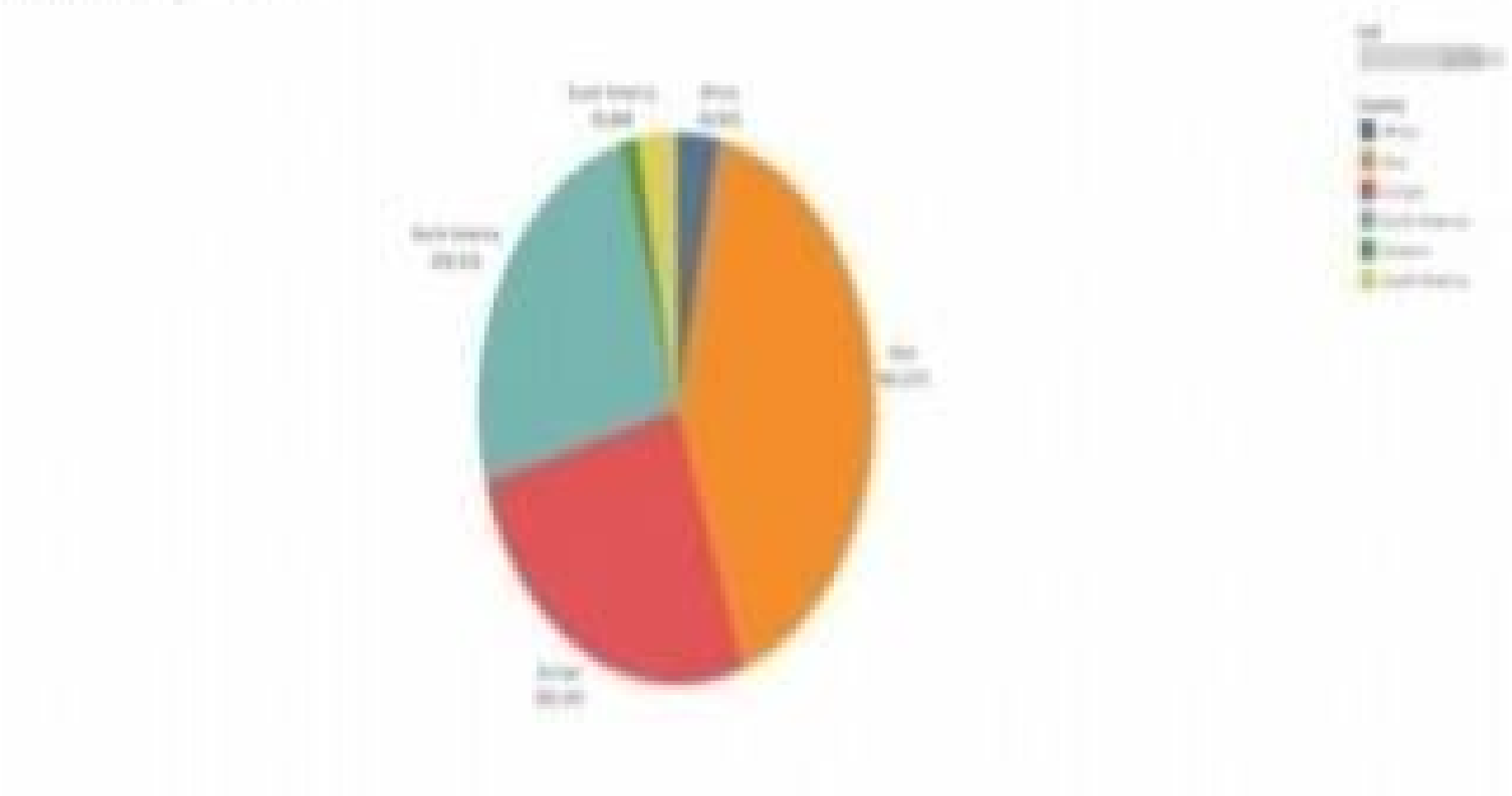




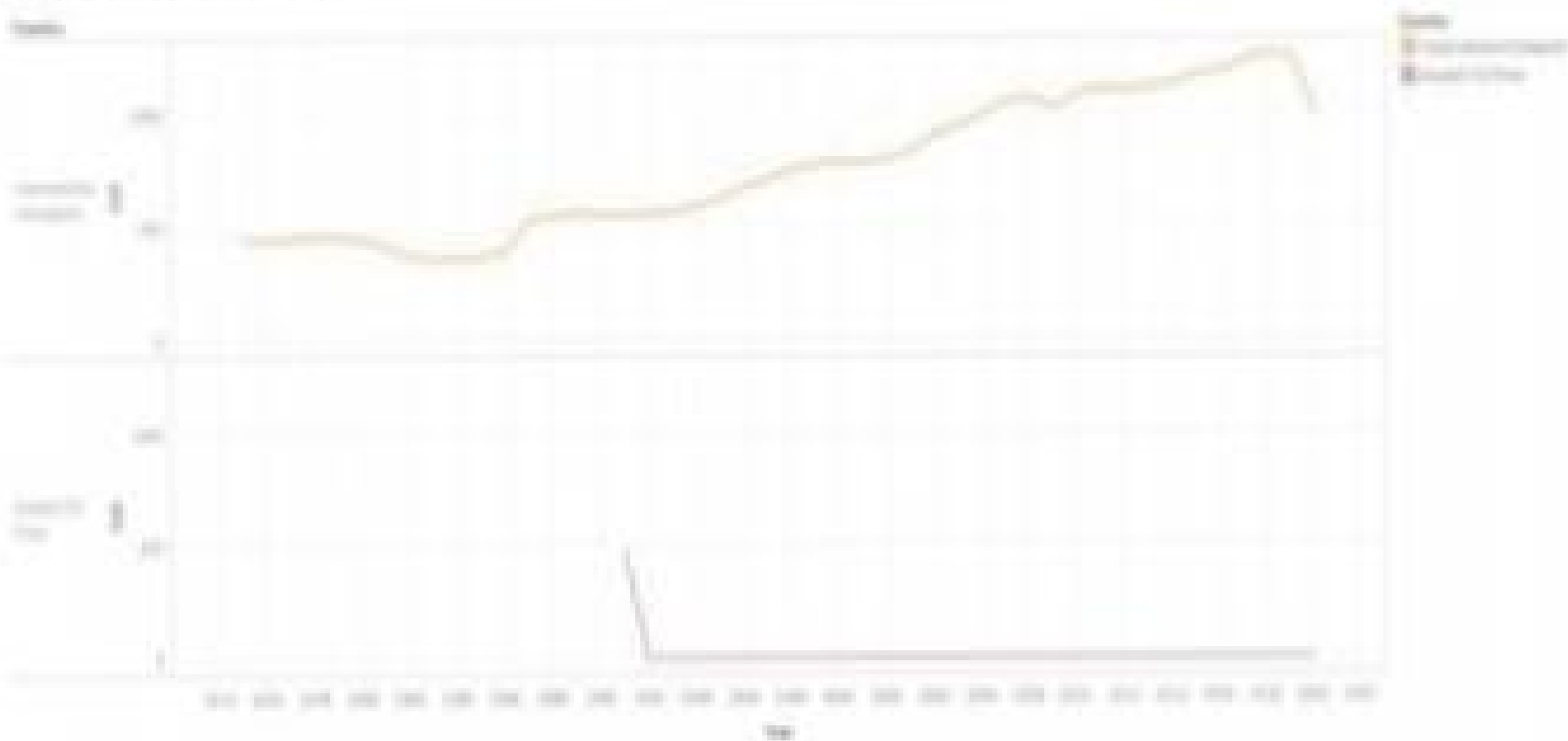
Co2 Emission Per Capita

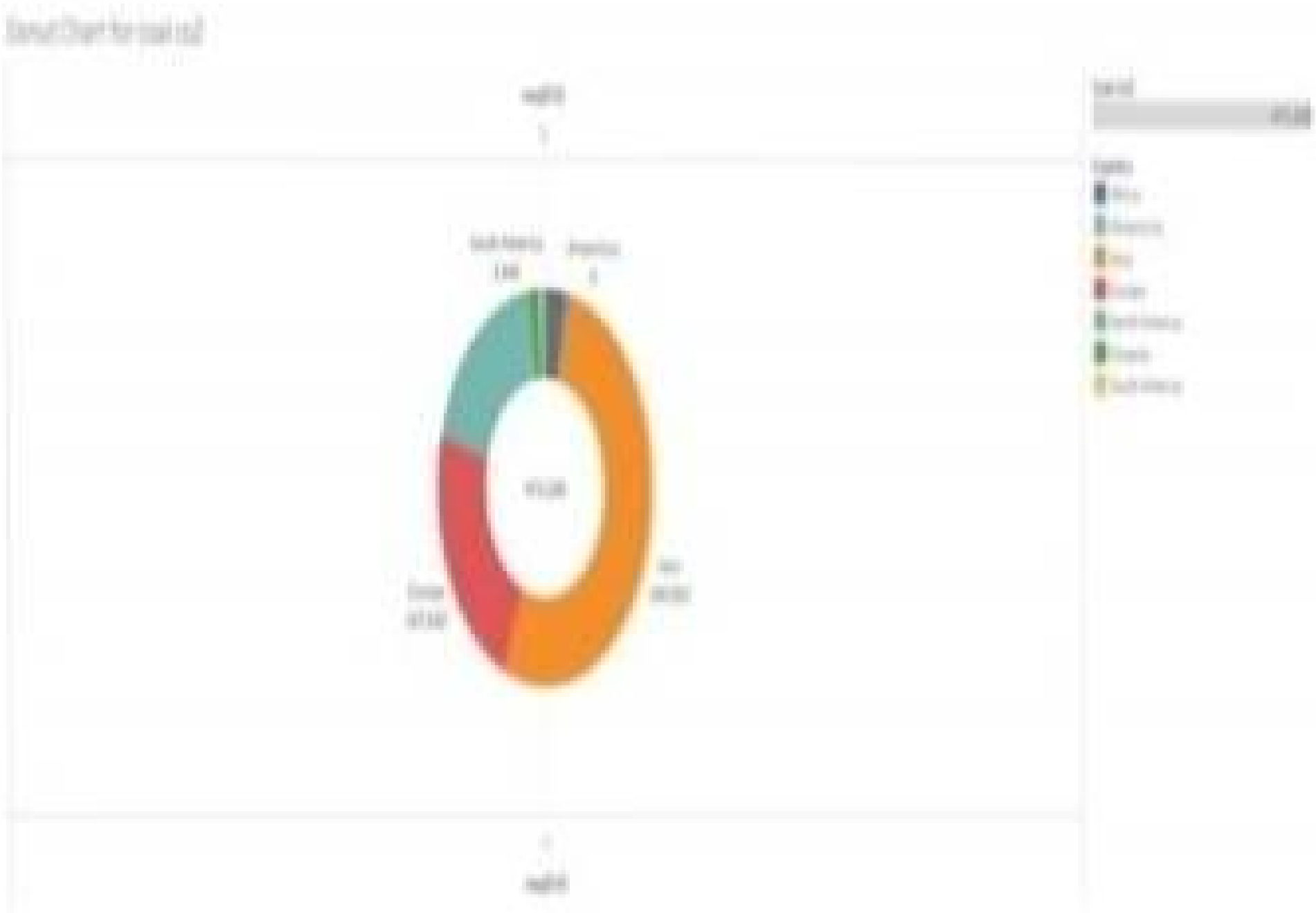


Total Emission by Continents

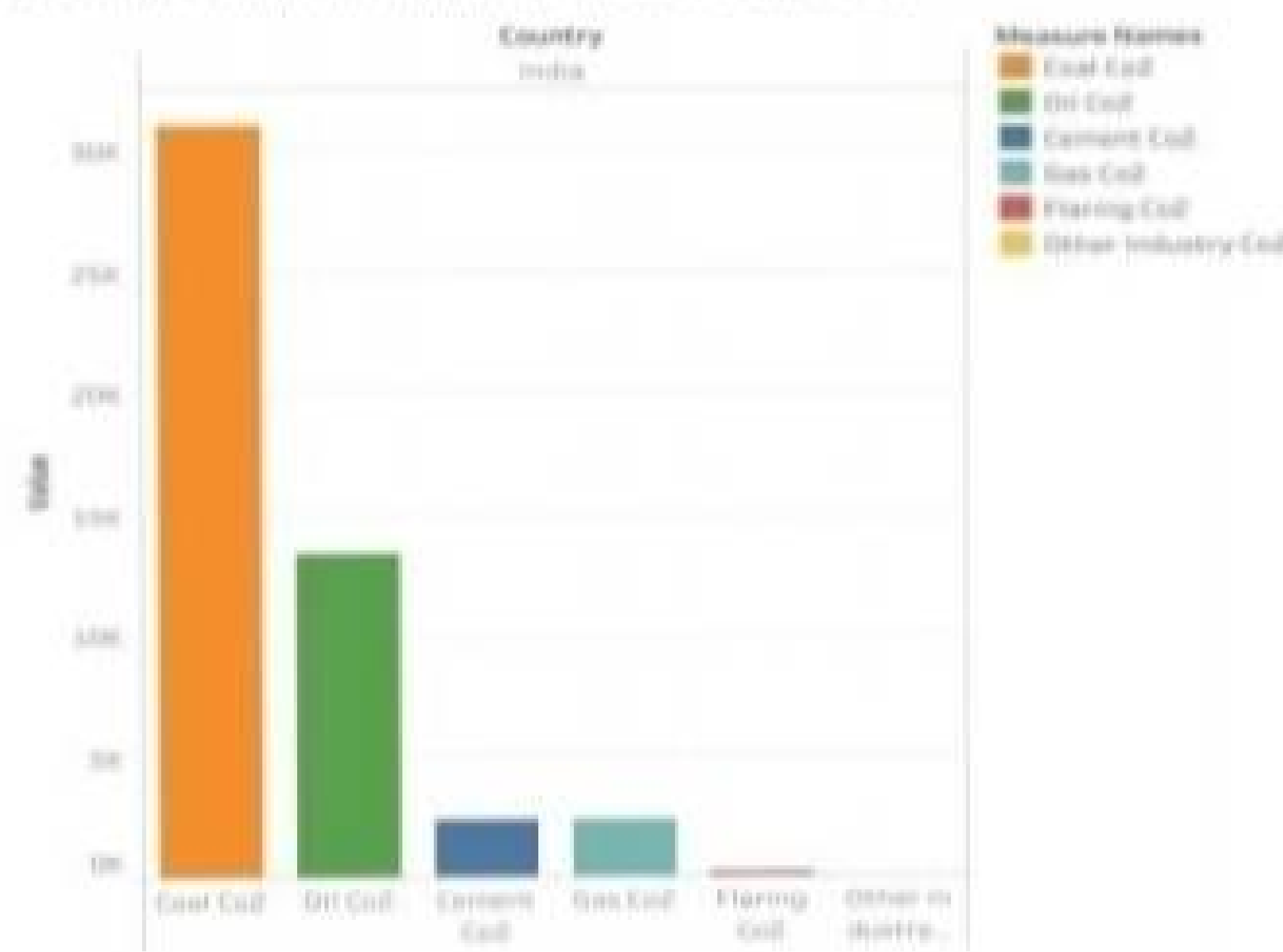


Co2 Emission by Other Factors

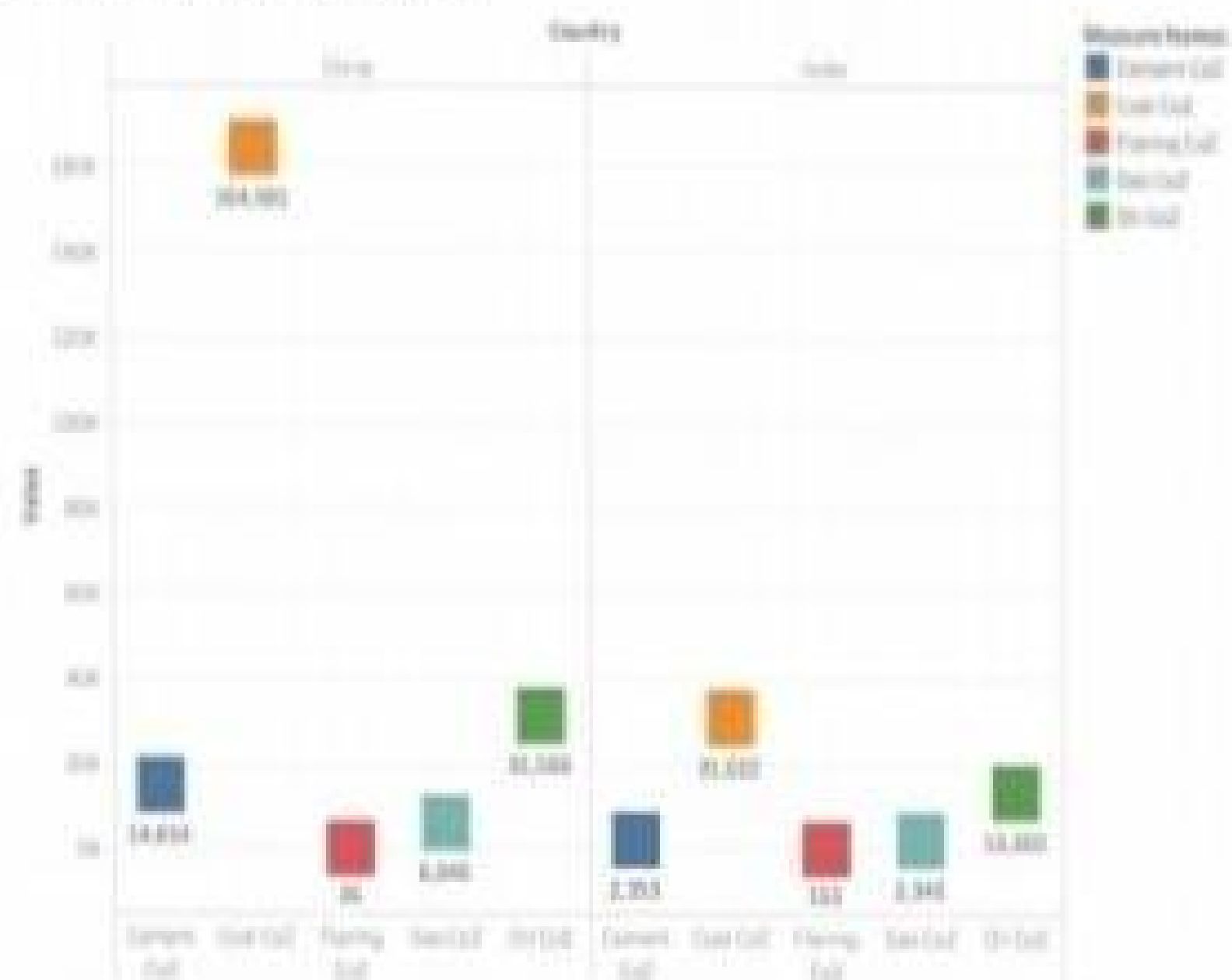




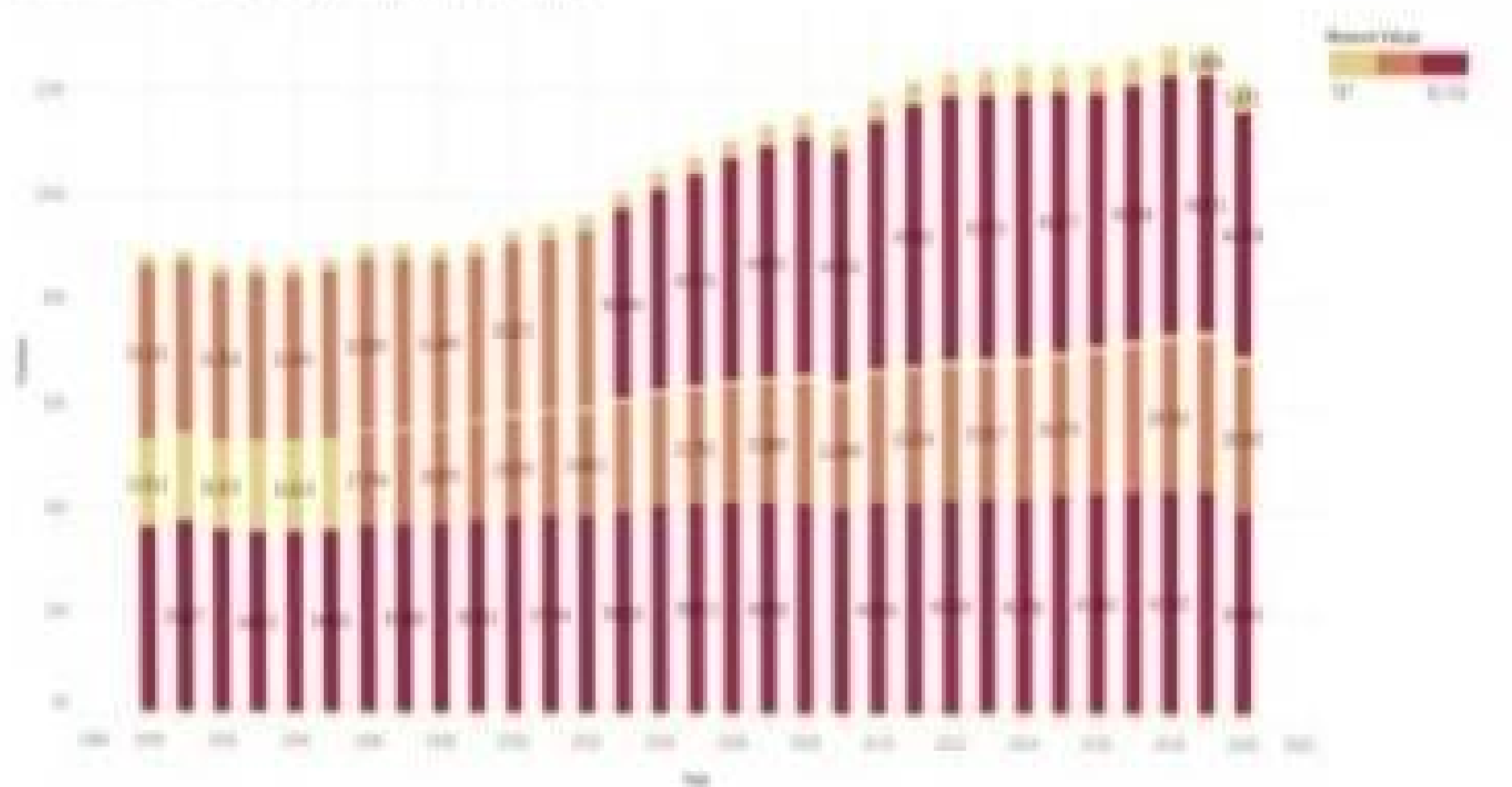
Overall Contribution India in Co2 Emission



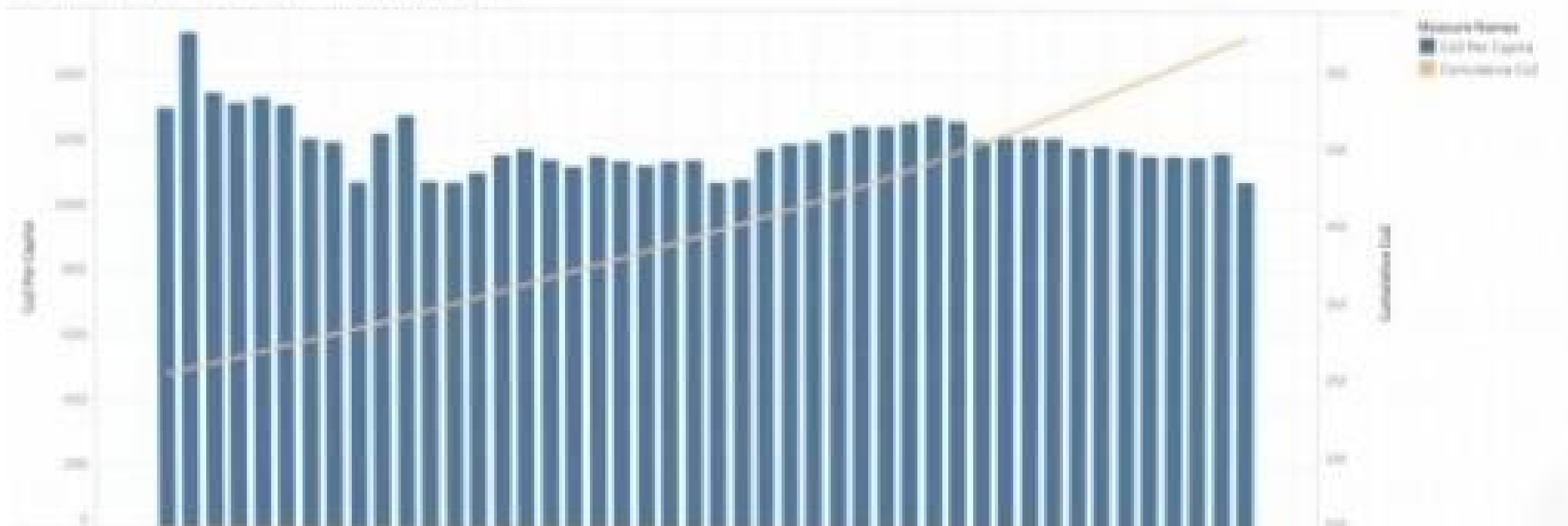
China VS India Internal Factors

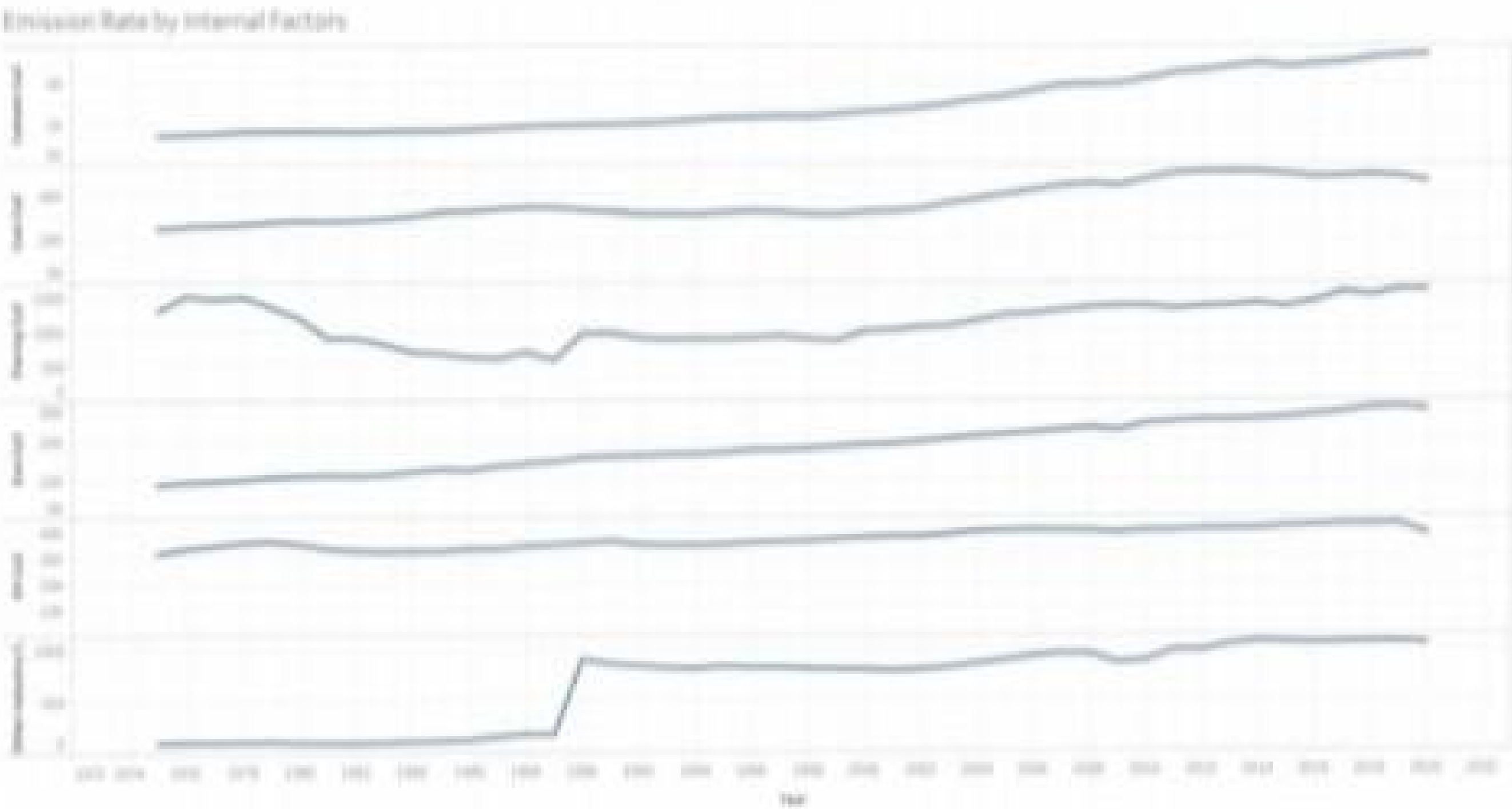
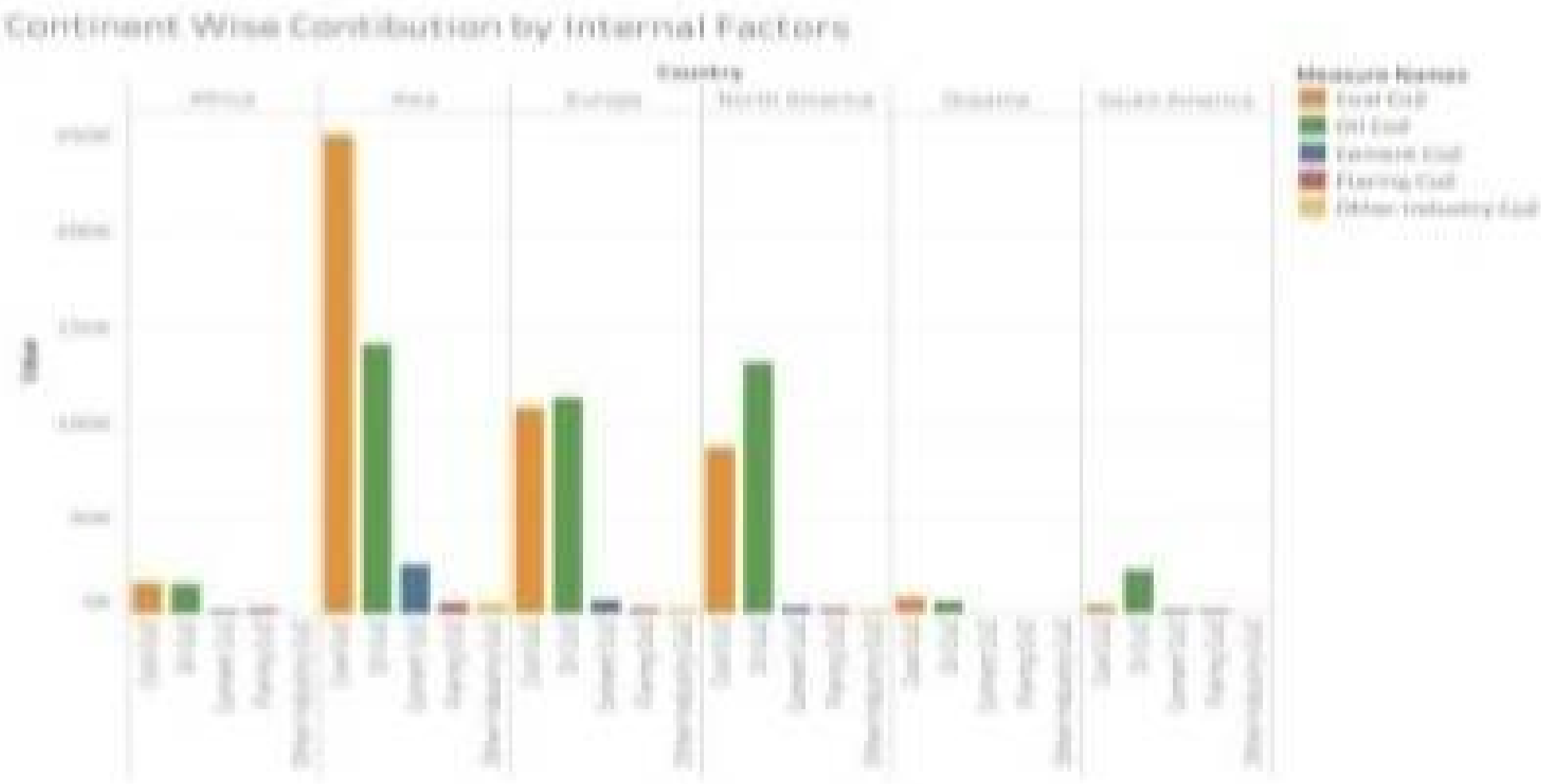
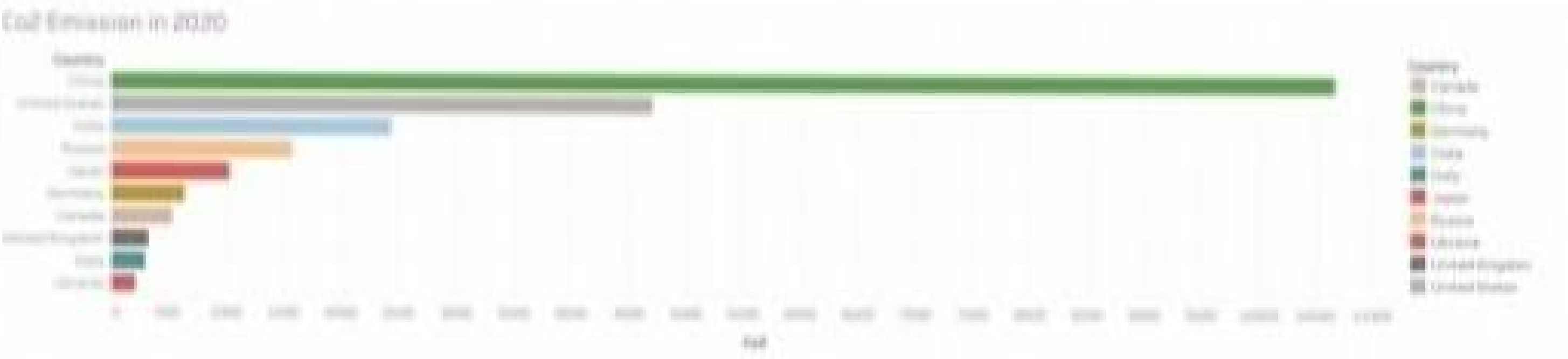


Co2 Emission from 1990 to 2020 based on Internal Factors

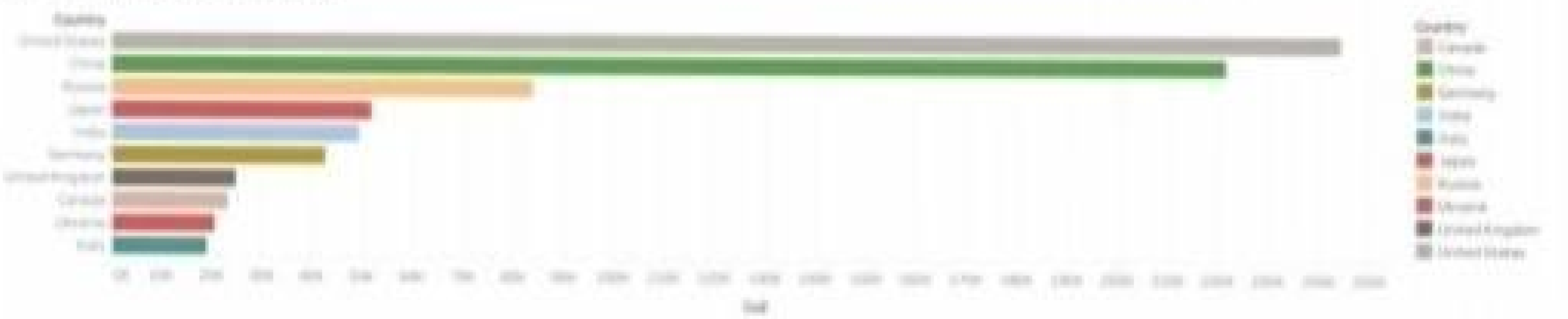


Cumulative Co2 and Co2 per Capita over years

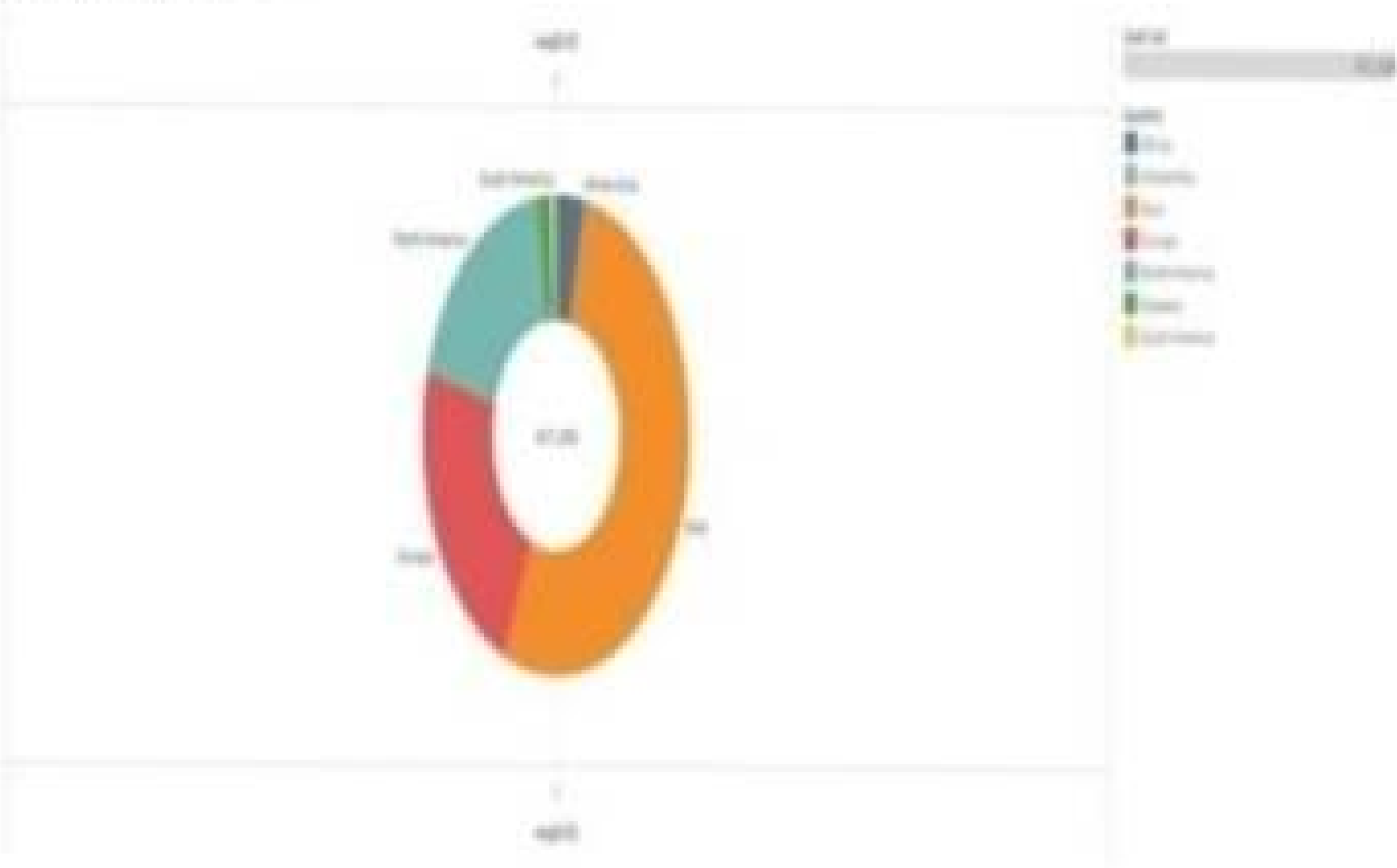




Co2 Emission Over Past 10 Year



Donut Chart for CO2 Emission



ADVANTAGES:

- No chemical operations or significant on-site chemical inventory.
- Up to 100percent CO₂ can be captured through this process.
- The best information available today (with the technology available today)is the oxy-combustion with CO₂ capture Should be at least competitive with pre and post combustion CO₂ capture and may have a slight cost advantage .

DISADVANTAGES:

- It is not possible to develop sub-scale oxy-combustion technology at existing power plants.
- The combustion of fossil fuels and pure oxygen create high material stress ,hence the development of new material is a pre requisite For development of the technology.
- It is expensive to produce pure oxygen, and research activities are ongoing world wide to find new ways to produce oxygen.

APPLICATION:

1. STOP BUYING YOU WATER IN PLASTIC:

Get a reusable water bottle and keep it filled and with you all times you'll save the money and environment!

2. INCORPARATE WALKING OR BIKING TO SOME OF YOUR REGULAR SHORT-TRIP DESTINATION:

It most instances you can walk a mile in less than 20 minutes. This is a great way to add exercise to your busy schedule.

3. TURN OFF YOUR LIGHTS AND UNPLUGGED DEVICES WHEN YOU'RE NOT USING THEM:

Every Little action adds up!

4. KEEP THE TIRES ON YOUR CAR PROPERLY INFLATED AND GET A REGULAR TUNS UPS:

When your car tires low on pressure ,it has to work harder to move from the point A to point B,wasting gas and increasing emission in the process.

5. EAT MORE FOOD THAT IS GROWN OR MADE LOCALLY AND LESS RED MEAT:

Taste the different, feel better and support The Austin economy.

6. USE THE COLD WATER CYCLE FOR WASHING YOUR CLOTHES:

And do your laundries in full loads. This will decrease the amount of water and energy used , helping you save time and money.

7. SET YOUR THERMOSTAT TO 78 IN SUMMER AND 67 IN WINTER:

And turn off the heat and ac when your 'not home. You'll surprised at the difference it makes in your energy bill .

8. DRIVE EFFICIENTLY :

The accelerator lightly, coast to red lights, stay near the speed limit, and park and go inside instead of idling in your engine in a drive thru.

9. KEEP STUFF OUT OF THE LANDFILL:

Sell items you no longer use to thrift shops ,have a hard sale or donate them to charity.

10.USE ALTERNATIVE TRANSPORTATION (BUS,TRAIN, CARPOOL OR BIKE) TO GET TO WORK ONE DAY PER WEEK:

Enjoy the chance to catch up on you reading instead of testing your patience in traffic.

CONCLUSION:

Thus the necessity measures as to be taken to decrease the emission of CO₂ all over the countries to prevent global from destroying. If not it will lead to many harm effects such as global warming,ozene depletion, will occur and many damages will be arisen By the proverb prevention is better than cure. We have take necessary precautions towards it.

THE FUTURE OF CARBON CAPTURE:

The transit to energy sources that generate minimal or no greenhouse gases must be made. However, we should address the ever-increasing carbon emission industries. Sequestered carbon can become a vital instrument of global climate strategy if the carbon capture sectors continue to innovate and expand. Carbon capture technologies should be developed and scaled up to make them commercially feasible.