UNEARTHING THE ENVIRONMENTAL IMPACT OF HUMAN ACTIVITY: A GLOBAL CO2 EMISSION ANALYSIS.

1. INTRODUCTION

1.1 OVERVIEW

The project "Unearthing the Environmental Impact of Human Activity: A Global CO2 Emission Analysis" aims to investigate the impact of human activity on the environment, specifically in terms of carbon dioxide (CO2) emissions. The project will involve a comprehensive analysis of global CO2 emissions, including data collection, analysis, and interpretation. The research will focus on identifying the major sources of CO2 emissions, such as the industrial processes, and energy production, and analyzing their contribution to global emissions country wise. The project will also explore the impact of CO2 emissions on the environment, including global warming, climate change, and other environmental impacts such as ocean acidification.

To achieve these goals, the project will involve a combination of quantitative and qualitative research methods, including data collection and analysis, literature reviews, and expert interviews. The findings of the project will be presented in a comprehensive report. Overall, the project "Unearthing the Environmental Impact of Human Activity: A Global CO2 Emission Analysis" will provide valuable insights into the impact of human activity on the environment and the potential solutions to mitigate this impact.

1.2 PURPOSE

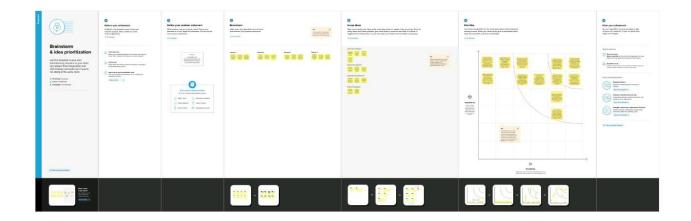
The purpose of "Unearthing the Environmental Impact of Human Activity: A Global CO2 Emission Analysis" is to conduct a comprehensive analysis of global CO2 emissions and investigate the impact of human activity on the environment. The project aims to identify the major sources of CO2 emissions, their contribution to global emissions. By conducting this analysis, you aim to provide a better understanding of the environmental impact of human activity and its potential consequences.

Overall, the purpose is to provide valuable insights into the environmental impact of human activity on the planet and to contribute to the development of strategies for promoting sustainable development and environmental protection.

2. PROBLEM DEFINITION & DESIGN THINKING

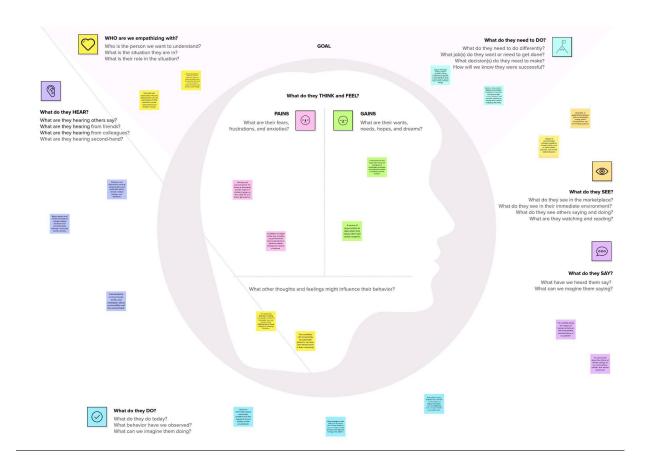
2.1 BRAINSTORMING

"Understanding the perspectives and needs of stakeholders in mitigating the environmental impact of human activity through a global CO2 emission analysis."



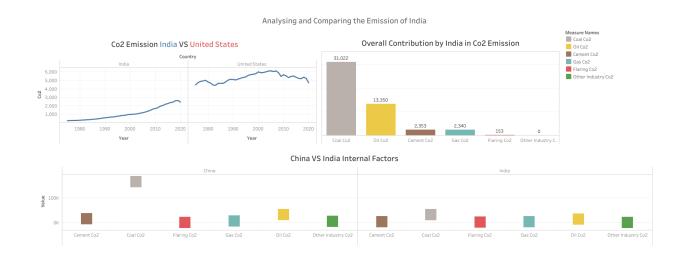
2.2 EMPATHY MAP

"Collaborating to unearth innovative solutions for reducing the environmental impact of human activity on a global scale."

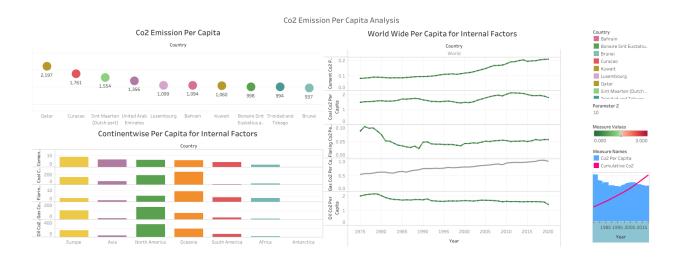


3. RESULT

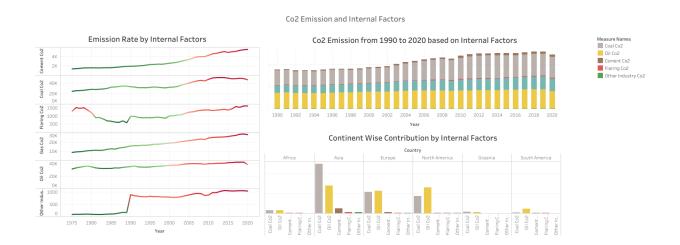
1. Analysing and Comparing the Emission of India



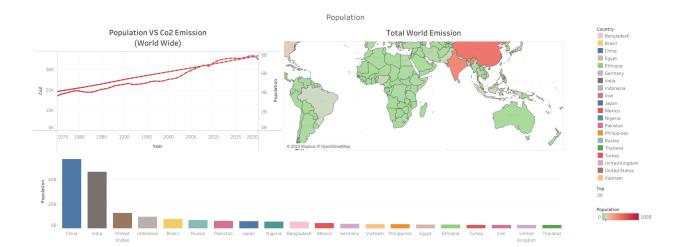
2. Co2 Per Capita Analysis



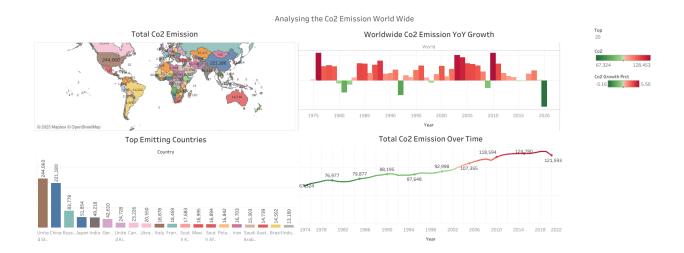
3. Co2 Emission and Internal Factors



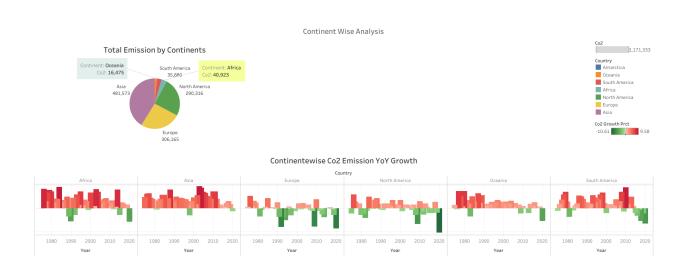
4. Population



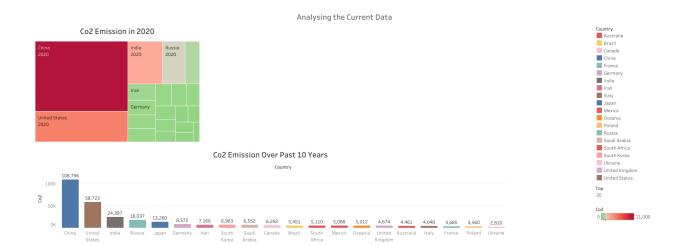
5. Analyzing the Co2 Emission World Wide



6. Continent Wise Analysis



7. Analysing the Current Data

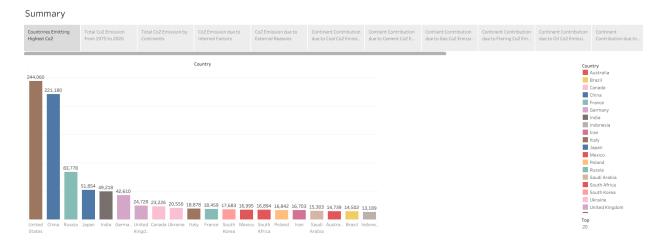


8. Continent wise Internal Factor



9. Story

9.1 Country Emiting Highest Co2:



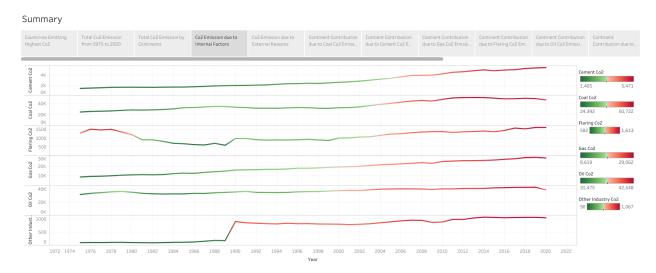
9.2 Total Co2 Emission From 1975 to 2020:



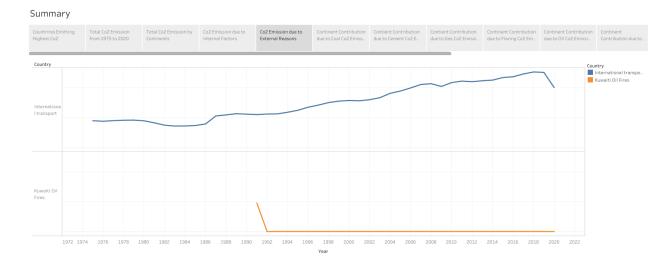
9.3 Total Co2 Emission by Continents:



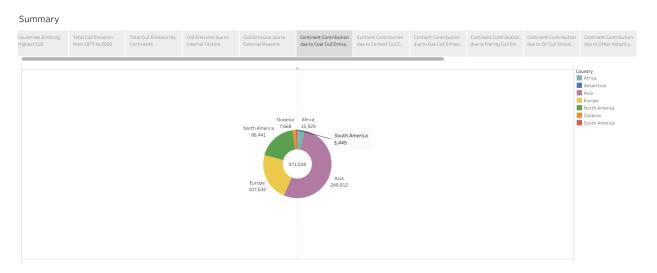
9.4 Co2 Emission due to Internal Factors:



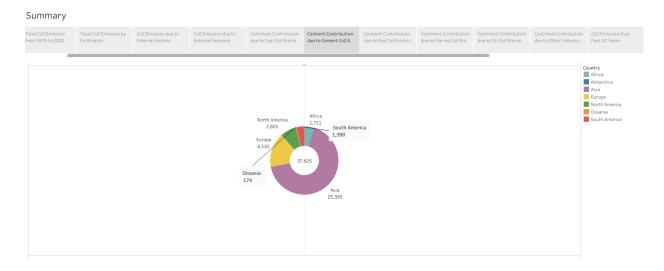
9.5 Co2 Emission due to External Factors:



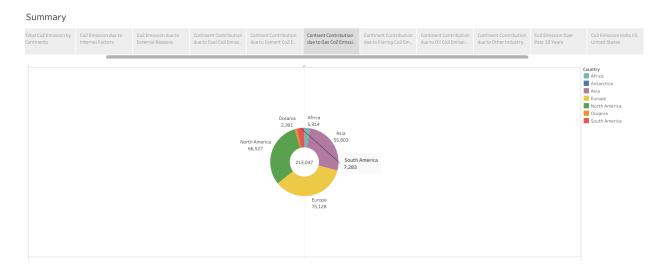
9.6 Continent Contribution due to Coal Co2 Emission:



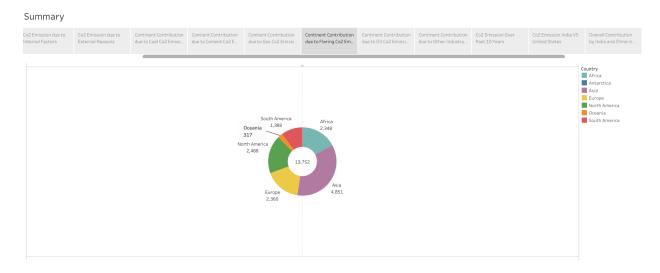
9.7 Continent Contribution due to Cement Co2 Emission:



9.8 Continent Contribution due to Gas Co2 Emission:



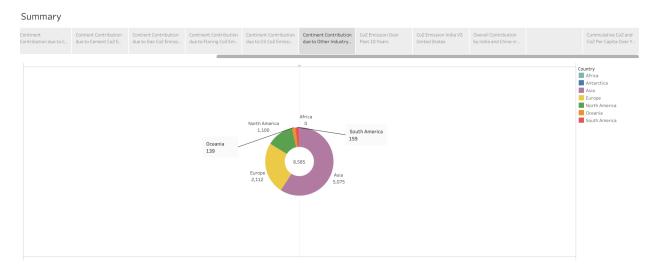
9.9 Continent Contribution due to Flaring Co2 Emission:



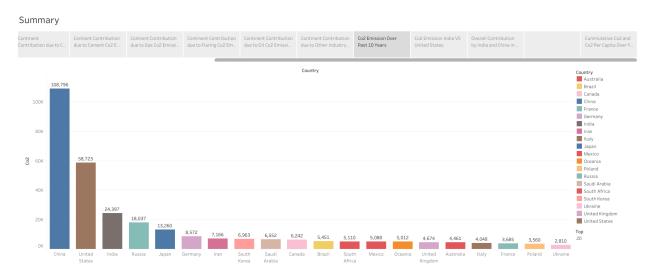
9.10 Continent Contribution due to Oil Co2 Emission:



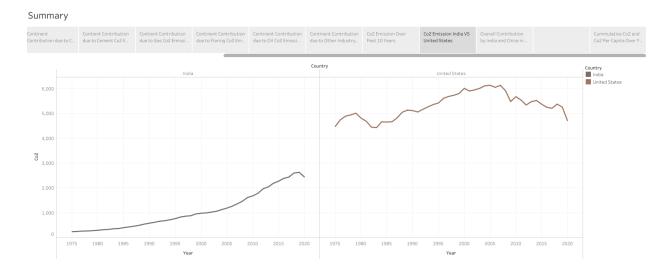
9.11 Continent Contribution due to Other Industry Co2 Emission:



9.12 Co2 Emission Over Past 10 Years:



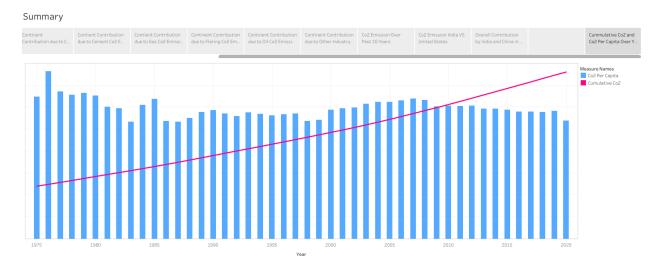
9.13 Co₂ Emission India VS United States



9.14 Overall Contribution by India and China in Co2 Emission:



9.15 Cumulative Co2 and Co2 Per Capita Over Years



10. Web Integration

into the impact of human activity on the environment, particularly with regards to climate change. By identifying the major contributors to global CO2 emissions, we can take action to mitigate the adverse effects of human activity on the environment and promote sustainable practices for a more livable planet.

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CO2 is a colorless gas naturally present in the atmosphere, but its excess emissions from human activities contribute to global warming and climate change. Human activities have increased CO2 emissions, causing climate change and its impacts such as rising sea levels, extreme weather, and loss of biodiversity.

The project found that human activities drive CO2 emissions, causing climate change and its impacts, highlighting the need for urgent action to reduce emissions and mitigate climate change.

Summary

Summary

Gallery

The Gallery section of our project website showcases impactful images of human activities that contribute to CO2 emissions and climate change.

Through these visuals, we aim to raise awareness about the urgent need for environmental action.



Thoughts

Words of Wisdom: Insights from Famous Minds



Christiana Figueres

Former Executive Secretary of UNFCCC

66 Climate change is not just an environmental issue; it is a social, economic, and moral challenge.

99



Prince Charles

Environmentalist and Royal Family Member

Our planet is in crisis, and we are the ones responsible. The good news is that we have the power to change course, but it will require a radical shift in our way of thinking and living. We must learn to live in harmony with the natural world and recognize our place within it, as stewards rather than conquerors.

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Together, we are unearthing the truth about the impact of human activity on our planet, and working towards a more sustainable future.



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Frequently Asked Questions

Welcome to our FAQ section, where you can find answers to common questions about our project's purpose, main findings, and how it can contribute to the fight against climate change.

? What are CO2 emissions and why are they important?

CO2 emissions refer to the release of carbon dioxide gas into the atmosphere as a result of human activity, primarily through the burning of fossil fuels. They are important because they are a major contributor to global climate change, which can have a range of environmental and social impacts.

What is the global impact of CO2 emissions?

Which countries are the largest emitters of CO2?

What can individuals do to reduce their carbon footprint?

4. ADVANTAGES & DISADVANTAGES

Advantages:

- 1. Provides a comprehensive overview of global CO2 emissions, highlighting the most significant sources of emissions.
- 2. Helps to identify areas where emissions can be reduced, potentially leading to positive environmental outcomes.
- 3. Could raise awareness about the environmental impact of human activity, promoting a greater understanding of the issue.
- 4. Provides a basis for policy decisions related to carbon reduction and emissions management.
- 5. Could be used to track progress in reducing global CO2 emissions over time.
- 6. Provides a clear picture of the current state of global CO2 emissions, which is necessary for informed decision-making.
- 7. Helps to prioritize areas for emissions reduction efforts based on their level of impact and feasibility.
- 8. Could inspire individuals and organizations to take action to reduce their own carbon footprint.
- 9. Allows for comparisons between countries, which can promote healthy competition and motivate countries to strive for lower emissions.
- 10. Can help to inform and guide international climate negotiations and agreements.

Disadvantages:

- 1. May be difficult to obtain accurate data on global CO2 emissions, particularly in countries where reporting is not mandatory.
- 2. Only focuses on CO2 emissions and may not capture the full range of greenhouse gas emissions.
- 3. May not be able to account for all sources of emissions, such as those from deforestation or land use changes.

- 4. Could be costly to conduct, particularly if it requires extensive data collection and analysis.
- 5. May not be able to predict future emissions accurately, as human activity is subject to change over time.
- 6. Inaccurate data or incomplete reporting can lead to inaccurate conclusions or recommendations.
- 7. Focusing solely on CO2 emissions may lead to a neglect of other greenhouse gases that also contribute to climate change.
- 8. Data collection and analysis can be time-consuming and costly, particularly for less developed countries.
- 9. Emissions reduction efforts may be hampered by political or economic factors, making it difficult to achieve meaningful change.
- 10. The model used to estimate global CO2 emissions may not accurately reflect actual emissions, particularly for countries with limited data or complex emission sources.

5. APPLICATIONS:

The global CO2 emission analysis can inform policymaking, educate the public, identify research areas, support corporate sustainability efforts, and assess the impact of climate policies and lot more the following are the some of the important applications:

Informing policy making: Your analysis could be used to inform environmental policy decisions at the local, national, and international levels. By identifying areas with the highest levels of CO2 emissions, policymakers could prioritize these areas for regulation and mitigation efforts.

Educating the public: Your analysis could be used to educate the public about the environmental impact of human activity. By presenting the data in an accessible way, you could raise awareness about the issue and encourage people to make more sustainable choices.

Identifying areas for research: Your analysis could identify areas where more research is needed to better understand the environmental impact of human activity. For example, if certain industries or regions have higher CO2 emissions than others, this could indicate that further research is needed to understand the causes of these emissions and how they can be reduced.

Supporting corporate sustainability efforts: Your analysis could be used by companies to identify areas where they can reduce their own CO2 emissions. By providing a global overview of emissions, your analysis could help companies prioritize their sustainability efforts and track their progress over time.

Assessing the impact of climate policies: Your analysis could be used to assess the impact of climate policies, both in terms of their effectiveness and unintended consequences. By tracking emissions over time, you could evaluate whether policies have been successful in reducing CO2 emissions, and identify any unintended consequences that may have emerged.

6. CONCLUSION

"Urgent Action Needed to Mitigate Environmental Impact of Human Activity: Concluding Thoughts on Global CO2 Emission Analysis"

- 1. Human activity, including transportation, industry, and energy production, is responsible for a significant portion of global CO2 emissions.
- 2. Policymakers need to take immediate action to address this issue by prioritizing areas with the highest levels of CO2 emissions for regulation and mitigation efforts.
- 3. The study can be used to educate the public about the environmental impact of human activity and encourage sustainable choices.
- 4. The analysis can identify areas where more research is needed to better understand the environmental impact of human activity.
- 5. Companies can use the study to prioritize their sustainability efforts and track their progress over time.

7. FUTURE SCOPE

Future Scope: Expansion of Data, Examination of Other Environmental Factors, Policy Informing, and Inspiring Further Research are discussed below.

Firstly, the research can be expanded to include more comprehensive and up-to-date data on CO2 emissions and other greenhouse gas emissions. This could involve incorporating more recent and accurate measurements of emissions from different sectors such as transportation, agriculture, industry, and energy generation. This would provide a more complete picture of the sources and extent of global CO2 emissions and help to identify key areas for targeted mitigation efforts.

Secondly, the research can be extended to examine the impact of global CO2 emissions on other environmental factors such as air and water pollution, deforestation, and loss of biodiversity. This would help to broaden the understanding of the environmental impact of human activity beyond just greenhouse gas emissions.

Thirdly, the research can be used to inform policy-making and public awareness campaigns. The results of the analysis could be used to advocate for more effective and aggressive policies aimed at reducing global CO2 emissions and mitigating the impact of human activity on the environment. It could also be used to educate the public about the urgency and severity of the climate crisis and the need for action. Finally, the research can be used to inspire further research and exploration into the environmental impact of human activity. It could serve as a starting point for further investigation into the complex relationships between human activity and the environment and the ways in which we can work to mitigate negative impacts and promote sustainability.

8. APPENDIX

HTML

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  <meta content="" name="keywords">
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  link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">
  link
href = "https://fonts.googleap is.com/css?family = Open + Sans: 300, 300i, 400, 400i, 600, 600i, 700, 700i | Raleway in the context of the 
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            Unearthing The Environmental Impact of Human Activity a Global Co<sub>2</sub> Emission Analysis
```

```
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     <a class="nav-link scrollto active" href="#hero">Home</a>
     <a class="nav-link scrollto" href="#about">Summary</a>
     <a class="nav-link scrollto" href="#departments">Dashboard</a>
     <a class="nav-link scrollto" href="#gallery">Gallery</a>
     <a class="nav-link scrollto" href="#testimonials">Thoughts</a>
     <a class="nav-link scrollto" href="#doctors">Our Team</a>
     <a class="nav-link scrollto" href="#faq">FAQ</a>
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Analysis</h1>
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Analysis" aims to analyze the CO2 emissions of all countries around the world from 1975-2020. By
identifying the major contributors to global CO2 emissions, the project seeks to increase awareness of the
need for sustainable practices and policies to mitigate the adverse effects of human activity on the
environment.</h2>
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Analyzing global CO2 emissions is important because it provides insights into the impact of human activity on the environment, particularly with regards to climate change. By identifying the major contributors to global CO2 emissions, we can take action to mitigate the adverse effects of human activity on the environment and promote sustainable practices for a more livable planet.

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style="height:45px; width:45px;">
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           <br/>br>
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           CO2 is a colorless gas naturally present in the atmosphere, but its excess emissions from
human activities contribute to global warming and climate change.
          </div>
         </div>
         <div class="col-xl-4 d-flex align-items-stretch">
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style="height:45px; width:45px;">
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<br/>br>
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such as rising sea levels, extreme weather, and loss of biodiversity.
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         </div>
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           <br/>br>
           <br/>br>
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           The project found that human activities drive CO2 emissions, causing climate change and
its impacts, highlighting the need for urgent action to reduce emissions and mitigate climate change.
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       </div>
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/><param name='tabs' value='no' /><param name='toolbar' value='yes' /><param name='static image'
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aringtheEmissionofIndia/AnalysingandComparingtheEmissionofIndia/1.png' /> <param
name='animate transition' value='yes' /><param name='display static image' value='yes' /><param
name='display spinner' value='yes' /><param name='display overlay' value='yes' /><param
name='display count' value='yes' /><param name='language' value='en-US' /></object></div>
<script type='text/javascript'>
                                      var divElement =
document.getElementById('viz1680891588396');
                                                        var vizElement =
divElement.getElementsByTagName('object')[0];
                                                        if (divElement.offsetWidth > 800) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';} else if (
divElement.offsetWidth > 500) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';} else {
vizElement.style.width='100%';vizElement.style.height='1127px';}
                                                                        var scriptElement =
document.createElement('script');
                                         scriptElement.src =
'https://public.tableau.com/javascripts/api/viz v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);
                                                                    </script>
         </div>
        </div>
        <div class="tab-pane" id="tab-2">
```

```
<div class="row gy-4">
         <div class='tableauPlaceholder' id='viz1680892116772' style='position: relative'><noscript><a</p>
href='#'><img alt='Co2 Emission and Iternal Factors'
src='https://public.tableau.com/static/images/Co/Co2EmissionandIntern
alFactors/Co2EmissionandIternalFactors/1 rss.png' style='border: none'
/></a></noscript><object class='tableauViz' style='display:none;'><param name='host url'
value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param name='embed code version' value='3' />
<param name='site_root' value=" /><param name='name'</pre>
value='Co2EmissionandInternalFactors/Co2EmissionandIternalFactors' /><param name='tabs'
value='no' /><param name='toolbar' value='yes' /><param name='static image'
value='https://public.tableau.com/static/images/Co/Co2EmissionandInte
value='yes' /><param name='display static image' value='yes' /><param name='display spinner'
value='yes' /><param name='display overlay' value='yes' /><param name='display count' value='yes'
/><param name='language' value='en-US' /></object></div>
                                                              <script type='text/javascript'>
var divElement = document.getElementById('viz1680892116772');
                                                                     var vizElement =
divElement.getElementsByTagName('object')[0];
                                                      if (divElement.offsetWidth > 800) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';} else if (
divElement.offsetWidth > 500) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';} else {
vizElement.style.width='100%';vizElement.style.height='1027px';}
                                                                      var scriptElement =
document.createElement('script');
                                        scriptElement.src =
'https://public.tableau.com/javascripts/api/viz v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);
                                                                 </script>
        </div>
       </div>
       <div class="tab-pane" id="tab-3">
        <div class="row gy-4">
         <div class='tableauPlaceholder' id='viz1680892342643' style='position: relative'><noscript><a</pre>
href='#'><img alt='Co2 Emission Per Capita Analysis '
src='https://public.tableau.com/static/images/Co/Co2EmissionPerCapita
Analysis/Co2EmissionPerCapitaAnalysis/1 rss.png' style='border: none'
/></a></noscript><object class='tableauViz' style='display:none;'><param name='host url'
value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param name='embed code version' value='3' />
```

```
<param name='site root' value=" /><param name='name'</pre>
value='Co2EmissionPerCapitaAnalysis'/><param name='tabs'
value='no' /><param name='toolbar' value='yes' /><param name='static image'
value='https://public.tableau.com/static/images/Co/Co2EmissionPerCap
itaAnalysis/Co2EmissionPerCapitaAnalysis/1.png' /> <param name='animate transition'
value='yes' /><param name='display static image' value='yes' /><param name='display spinner'
value='yes' /><param name='display overlay' value='yes' /><param name='display count' value='yes'
/><param name='language' value='en-US' /></object></div>
                                                               <script type='text/javascript'>
var divElement = document.getElementById('viz1680892342643');
                                                                       var vizElement =
divElement.getElementsByTagName('object')[0];
                                                       if (divElement.offsetWidth > 800) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';} else if (
divElement.offsetWidth > 500) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';} else {
vizElement.style.width='100%';vizElement.style.height='1477px';}
                                                                       var scriptElement =
document.createElement('script');
                                         scriptElement.src =
'https://public.tableau.com/javascripts/api/viz v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);
                                                                   </script>
         </div>
       </div>
       <div class="tab-pane" id="tab-4">
         <div class="row gy-4">
          <div class='tableauPlaceholder' id='viz1680892766694' style='position: relative'><noscript><a</p>
href='#'><img alt='Population'
src='https://public.tableau.com/static/images/Po/Population 168079252
96550/Population/1 rss.png' style='border: none' /></a></noscript><object class='tableauViz'
style='display:none;'><param name='host url' value='https%3A%2F%2Fpublic.tableau.com%2F' />
<param name='embed code version' value='3' /> <param name='site root' value=" /><param</pre>
name='name' value='Population 16807925296550/Population' /><param name='tabs' value='no'
/><param name='toolbar' value='yes' /><param name='static image'
value='https://public.tableau.com/static/images/Po/Population 1680792
5296550/Population/1.png' /> <param name='animate transition' value='yes' /><param
name='display static image' value='yes' /><param name='display spinner' value='yes' /><param
name='display overlay' value='yes' /><param name='display count' value='yes' /><param
name='language' value='en-US' /></object></div>
                                                      <script type='text/javascript'>
                                                                                           var
```

```
divElement = document.getElementById('viz1680892766694');
                                                                     var vizElement =
divElement.getElementsByTagName('object')[0];
                                                        if (divElement.offsetWidth > 800) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';} else if (
divElement.offsetWidth > 500) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';} else {
vizElement.style.width='100%';vizElement.style.height='1177px';}
                                                                         var scriptElement =
document.createElement('script');
                                          scriptElement.src =
'https://public.tableau.com/javascripts/api/viz v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);
                                                                    </script>
         </div>
        </div>
        <div class="tab-pane" id="tab-5">
         <div class="row gy-4">
          <div class='tableauPlaceholder' id='viz1680894875872' style='position: relative'><noscript><a</p>
href='#'><img alt='Analysing the Co2 Emission World Wide '
src='https://public.tableau.com/static/images/An/Analysingtheco2Emiss
ionWorldWide/AnalysingtheCo2EmissionWorldWide/1 rss.png' style='border: none'
/></a></noscript><object class='tableauViz' style='display:none;'><param name='host url'
value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param name='embed code version' value='3' />
<param name='site root' value=" /><param name='name'</pre>
value='Analysingtheco2EmissionWorldWide/AnalysingtheCo2EmissionWorldWide' /><param
name='tabs' value='no' /><param name='toolbar' value='yes' /><param name='static image'
value='https://public.tableau.com/static/images/An/Analysingtheco2Em
issionWorldWide/AnalysingtheCo2EmissionWorldWide/1.png' /> <param
name='animate transition' value='yes' /><param name='display static image' value='yes' /><param
name='display spinner' value='yes' /><param name='display overlay' value='yes' /><param
name='display count' value='yes' /><param name='language' value='en-US' /></object></div>
                                      var divElement =
<script type='text/javascript'>
document.getElementById('viz1680894875872');
                                                        var vizElement =
divElement.getElementsByTagName('object')[0];
                                                        if (divElement.offsetWidth > 800) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';} else if (
divElement.offsetWidth > 500) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';} else {
vizElement.style.width='100%';vizElement.style.height='1477px';}
                                                                         var scriptElement =
```

```
document.createElement('script');
                                          scriptElement.src =
'https://public.tableau.com/javascripts/api/viz v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);
                                                                     </script>
         </div>
        </div>
        <div class="tab-pane" id="tab-6">
         <div class="row gy-4">
          <div class='tableauPlaceholder' id='viz1680895968410' style='position: relative'><noscript><a</p>
href='#'><img alt='Continent Wise Analysis '
src='https://public.tableau.com/static/images/Co/ContinentWiseAnalysi
s/ContinentWiseAnalysis/1 rss.png' style='border: none' /></a></noscript><object
class='tableauViz' style='display:none;'><param name='host url'
value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param name='embed code version' value='3' />
<param name='site root' value=" /><param name='name'</pre>
value='ContinentWiseAnalysis/ContinentWiseAnalysis' /><param name='tabs' value='no' /><param
name='toolbar' value='yes' /><param name='static image'
value='https://public.tableau.com/static/images/Co/ContinentWiseAnal
ysis/ContinentWiseAnalysis/1.png' /> <param name='animate transition' value='yes' /><param
name='display static image' value='yes' /><param name='display spinner' value='yes' /><param
name='display overlay' value='yes' /><param name='display count' value='yes' /><param
name='language' value='en-US' /></object></div>
                                                       <script type='text/javascript'>
                                                                                              var
divElement = document.getElementById('viz1680895968410');
                                                                     var vizElement =
divElement.getElementsByTagName('object')[0];
                                                        if (divElement.offsetWidth > 800) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';} else if (
divElement.offsetWidth > 500) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';} else {
vizElement.style.width='100%';vizElement.style.height='877px';}
                                                                        var scriptElement =
document.createElement('script');
                                          scriptElement.src =
'https://public.tableau.com/javascripts/api/viz v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);
                                                                     </script>
         </div>
        </div>
        <div class="tab-pane" id="tab-7">
         <div class="row gy-4">
```

```
<div class='tableauPlaceholder' id='viz1680896992019' style='position: relative'><noscript><a</p>
href='#'><img alt='Analysing the Current Data'
src='https://public.tableau.com/static/images/An/AnalysingtheCurrentD
ata/AnalysingtheCurrentData/1 rss.png' style='border: none' /></a></noscript><object
class='tableauViz' style='display:none;'><param name='host url'
value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param name='embed code version' value='3' />
<param name='site root' value=" /><param name='name'</pre>
value='AnalysingtheCurrentData/AnalysingtheCurrentData' /><param name='tabs' value='no'
/><param name='toolbar' value='yes' /><param name='static image'
value='https://public.tableau.com/static/images/An/AnalysingtheCurren
tData/AnalysingtheCurrentData/1.png' /> <param name='animate transition' value='yes'
/><param name='display static image' value='yes' /><param name='display spinner' value='yes'
/><param name='display overlay' value='yes' /><param name='display count' value='yes' /><param
name='language' value='en-US' /></object></div>
                                                       <script type='text/javascript'>
                                                                                             var
divElement = document.getElementById('viz1680896992019');
                                                                     var vizElement =
divElement.getElementsByTagName('object')[0];
                                                        if (divElement.offsetWidth > 800) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';} else if (
divElement.offsetWidth > 500) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';} else {
vizElement.style.width='100%';vizElement.style.height='877px';}
                                                                       var scriptElement =
document.createElement('script');
                                         scriptElement.src =
'https://public.tableau.com/javascripts/api/viz v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);
                                                                    </script>
         </div>
        </div>
        <div class="tab-pane" id="tab-8">
         <div class="row gy-4">
          <div class='tableauPlaceholder' id='viz1680898439279' style='position: relative'><noscript><a</p>
href='#'><img alt='Continent wise internal Factor Analysis '
src='https://public.tableau.com/static/images/Co/ContinentwiseInternal
Factor/ContinentwiseinternalFactorAnalysis/1 rss.png' style='border: none'
/></a></noscript><object class='tableauViz' style='display:none;'><param name='host url'
value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param name='embed code version' value='3' />
<param name='site root' value=" /><param name='name'</pre>
```

```
value='ContinentwiseInternalFactor/ContinentwiseinternalFactorAnalysis' /><param name='tabs'
value='no' /><param name='toolbar' value='yes' /><param name='static image'
value='https://public.tableau.com/static/images/Co/ContinentwiseIntern
alFactor/ContinentwiseinternalFactorAnalysis/1.png' /> <param name='animate transition'
value='yes' /><param name='display static image' value='yes' /><param name='display spinner'
value='yes' /><param name='display overlay' value='yes' /><param name='display count' value='yes'
/><param name='language' value='en-US' /></object></div>
                                                                  <script type='text/javascript'>
var divElement = document.getElementById('viz1680898439279');
                                                                          var vizElement =
divElement.getElementsByTagName('object')[0];
                                                         if (divElement.offsetWidth > 800) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';} else if (
divElement.offsetWidth > 500) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';} else {
vizElement.style.width='100%';vizElement.style.height='1577px';}
                                                                           var scriptElement =
document.createElement('script');
                                           scriptElement.src =
'https://public.tableau.com/javascripts/api/viz v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);
                                                                      </script>
         </div>
        </div>
       </div>
     </div>
    </div>
   </div>
  </section>
  <section id="gallery" class="gallery">
   <div class="container">
    <div class="section-title">
     <h2>Gallery</h2>
     The Gallery section of our project website showcases impactful images of human activities that
contribute to CO2 emissions and climate change. Through these visuals, we aim to raise awareness about
the urgent need for environmental action.
    </div>
   </div>
   <div class="container-fluid">
    <div class="row g-0">
```

```
<div class="col-lg-3 col-md-4">
       <div class="gallery-item">
        <a href="assets/img/gallery/chimney.png" class="-lightbox">
         <img src="assets/img/gallery/chimney.png" alt="" class="img-fluid">
        </a>
       </div>
      </div>
      <div class="col-lg-3 col-md-4">
       <div class="gallery-item">
        <a href="assets/img/gallery/cars.png" class="-lightbox">
         <img src="assets/img/gallery/cars.png" alt="" class="img-fluid">
        </a>
       </div>
      </div>
      <div class="col-lg-3 col-md-4">
       <div class="gallery-item">
        <a href="assets/img/gallery/deforestation.jpg" class="galelry-lightbox">
         <img src="assets/img/gallery/deforestation.jpg" alt="" class="img-fluid" style="height:219px;</pre>
width:330px;">
        </a>>
       </div>
      </div>
      <div class="col-lg-3 col-md-4">
       <div class="gallery-item">
        <a href="assets/img/gallery/ocean.jpg" class="galelry-lightbox">
         <img src="assets/img/gallery/ocean.jpg" alt="" class="img-fluid" style="height:218px;</pre>
width:330px;">
        </a>
       </div>
      </div>
      <div class="col-lg-3 col-md-4">
       <div class="gallery-item">
        <a href="assets/img/gallery/wastedisposal.jpg" class="galelry-lightbox">
```

```
<img src="assets/img/gallery/wastedisposal.jpg" alt="" class="img-fluid" style="height:218px;</pre>
width:330px;">
        </a>
       </div>
      </div>
      <div class="col-lg-3 col-md-4">
       <div class="gallery-item">
        <a href="assets/img/gallery/plastic-animals.jpg" class="galelry-lightbox">
         <img src="assets/img/gallery/plastic-animals.jpg" alt="" class="img-fluid"</pre>
style="height:218px; width:330px;">
        </a>>
       </div>
      </div>
      <div class="col-lg-3 col-md-4">
       <div class="gallery-item">
        <a href="assets/img/gallery/beforeafter.jpg" class="galelry-lightbox">
         <img src="assets/img/gallery/beforeafter.jpg" alt="" class="img-fluid" style="height:218px;</pre>
width:330px;">
        </a>>
       </div>
      </div>
      <div class="col-lg-3 col-md-4">
       <div class="gallery-item">
        <a href="assets/img/gallery/animal.jpg" class="galelry-lightbox">
         <img src="assets/img/gallery/animal.jpg" alt="" class="img-fluid" style="height:218px;</pre>
width:330px;">
        </a>
       </div>
      </div>
      <div class="col-lg-3 col-md-4">
       <div class="gallery-item">
        <a href="assets/img/gallery/whattoknowaboutco2.png" class="galelry-lightbox">
         <img src="assets/img/gallery/whattoknowaboutco2.png" alt="" class="img-fluid">
        </a>>
```

```
</div>
      </div>
      <div class="col-lg-3 col-md-4">
       <div class="gallery-item">
        <a href="assets/img/gallery/carbonextraction.png" class="galelry-lightbox">
         <img src="assets/img/gallery/Carbonextraction.png" alt="" class="img-fluid"</pre>
style="height:218px; width:330px;">
        </a>>
       </div>
      </div>
      <div class="col-lg-3 col-md-4">
       <div class="gallery-item">
        <a href="assets/img/gallery/Carbon"> the-carbon-cycle.png" class="galelry-lightbox">
         <img src="assets/img/gallery/Carbon the-carbon-cycle.png" alt="" class="img-fluid"</pre>
style="height:218px; width:330px;">
        </a>>
       </div>
      </div>
      <div class="col-lg-3 col-md-4">
       <div class="gallery-item">
        <a href="assets/img/gallery/oceanacid.jpg" class="galelry-lightbox">
         <img src="assets/img/gallery/oceanacid.jpg" alt="" class="img-fluid" style="height:218px;</pre>
width:330px;">
        </a>>
       </div>
      </div>
    </div>
   </div>
  </section>
  <section id="testimonials" class="testimonials">
   <div class="container">
     <div class="section-title">
      <h2>Thoughts</h2>
      Words of Wisdom: Insights from Famous Minds
```

```
<div class="testimonials-slider swiper" data-aos="fade-up" data-aos-delay="100">
<div class="swiper-wrapper">
<div class="swiper-slide">
<div class="testimonial-wrap">
<div class="testimonial-item">
<ing src="assets/img/testimonials/james.png" class="testimonial-img" alt="">
<h3>James Gustave Speth</h3>
<h4> American environmental lawyer</h4>

<i class="bx bxs-quote-alt-left quote-icon-left"></i></i>
```

We can no longer afford to consider air and water common property, free to be abused by anyone without regard to the consequences. Instead, we should begin now to treat them as scarce resources, which we are no more free to spoil than we are free to throw garbage into our neighbor's yard.

```
<i class="bx bxs-quote-alt-right quote-icon-right"></i>

</div>
</div>
</div>
<div class="swiper-slide">
<div class="testimonial-wrap">
<div class="testimonial-item">
<img src="assets/img/testimonials/obama.jpg" class="testimonial-img" alt="">
<h3>Barack Obama</h3>
<h4>Former U.S President</h4>

<i class="bx bxs-quote-alt-left quote-icon-left"></i>
```

We are the first generation to feel the impact of climate change, and the last generation that can do something about it.

```
<i class="bx bxs-quote-alt-right quote-icon-right"></i>

</div>
</div>
</div>
```

```
<div class="swiper-slide">
        <div class="testimonial-wrap">
          <div class="testimonial-item">
           <img src="assets/img/testimonials/christiana-figueres-official.jpg" class="testimonial-img"</pre>
alt="">
           <h3>Christiana Figueres</h3>
           <h4>Former Executive Secretary of UNFCCC</h4>
           >
            <i class="bx bxs-quote-alt-left quote-icon-left"></i>
            Climate change is not just an environmental issue; it is a social, economic, and moral
challenge.
            <i class="bx bxs-quote-alt-right quote-icon-right"></i>
           </div>
        </div>
       </div>
       <div class="swiper-slide">
        <div class="testimonial-wrap">
          <div class="testimonial-item">
           <img src="assets/img/testimonials/Prince Charles.jpg" class="testimonial-img" alt="">
           <h3>Prince Charles</h3>
           <h4>Environmentalist and Royal Family Member</h4>
           >
            <i class="bx bxs-quote-alt-left quote-icon-left"></i>
            Our planet is in crisis, and we are the ones responsible. The good news is that we have the
power to change course, but it will require a radical shift in our way of thinking and living. We must learn
to live in harmony with the natural world and recognize our place within it, as stewards rather than
conquerors.
            <i class="bx bxs-quote-alt-right quote-icon-right"></i>
          </div>
        </div>
       </div>
```

<div class="swiper-slide">

```
<div class="testimonial-wrap">
    <div class="testimonial-item">
        <img src="assets/img/testimonials/kofi-annan.png" class="testimonial-img" alt="">
        <h3>Kofi Annan</h3>
        <h4>Former Secretary-General of UN
        </h4>

        <i class="bx bxs-quote-alt-left quote-icon-left"></i>
```

Climate change is not a distant threat, it is a present danger. We must take action now to address the root causes of this crisis, and this means reducing our dependence on fossil fuels and investing in renewable energy. We owe it to ourselves, our children, and future generations to create a sustainable and just world.

```
<i class="bx bxs-quote-alt-right quote-icon-right"></i>
          </div>
        </div>
       </div>
      </div>
      <div class="swiper-pagination"></div>
    </div>
   </div>
  </section>
    <section id="doctors" class="doctors">
      <div class="container">
       <div class="section-title">
        <h2>Team</h2>
        Together, we are unearthing the truth about the impact of human activity on our planet, and
working towards a more sustainable future.
       </div>
       <div class="row">
        <div class="col-lg-6">
         <div class="member d-flex align-items-start">
          <div class="pic"><img src="assets/img/doctors/kasinivendaperumal.jpg" class="img-fluid"</pre>
alt="" style="height:125px; width:100px; margin-left:40px;"></div>
```

```
<div class="member-info">
           <h4>Kasinivenda Perumal V</h4>
           <span>III B.Sc (Mathematics)</span>
           Reg. No: 20202231517111
          </div>
         </div>
        </div>
        <div class="col-lg-6 mt-4 mt-lg-0">
         <div class="member d-flex align-items-start">
          <div class="pic"><img src="assets/img/doctors/lingesh.jpg" class="img-fluid" alt=""</pre>
style="height:125px; width:100px; margin-lefT:40px;"></div>
          <div class="member-info">
           <h4>Lingesh L</h4>
           <span>III B.Sc (Mathematics)</span>
           Reg. No: 20202231517114
          </div>
         </div>
        </div>
        <div class="col-lg-6 mt-4">
         <div class="member d-flex align-items-start">
          <div class="pic"><img src="assets/img/doctors/bala.jpg" class="img-fluid" alt=""</pre>
style="height:125px; width:100px; margin-left:40px;"></div>
          <div class="member-info">
           <h4>Bala Subramanian V</h4>
           <span>III B.Sc (Mathematics)
           Reg. No: 20202231517103
          </div>
         </div>
        </div>
        <div class="col-lg-6 mt-4">
         <div class="member d-flex align-items-start">
          <div class="pic"><img src="assets/img/doctors/muthu.jpeg" class="img-fluid" alt=""</pre>
style="height:125px; width:100px; margin-left:40px;"></div>
          <div class="member-info">
```

```
<h4>Muthu Madasamy K</h4>
           <span>III B.Sc (Mathematics)
           Reg. No: 20202231517125
          </div>
         </div>
        </div>
       </div>
     </div>
    </section>
  <section id="faq" class="faq section-bg">
   <div class="container">
    <div class="section-title">
     <h2>Frequently Asked Questions</h2>
     Welcome to our FAQ section, where you can find answers to common questions about our
project's purpose, main findings, and how it can contribute to the fight against climate change.
    </div>
    <div class="faq-list">
     <ul>
       data-aos="fade-up">
        <i class="bx bx-help-circle icon-help"></i> <a data-bs-toggle="collapse" class="collapse"
data-bs-target="#faq-list-1"> What are CO2 emissions and why are they important? <i class="bx
bx-chevron-down icon-show"></i><i class="bx bx-chevron-up icon-close"></i></a>
        <div id="fag-list-1" class="collapse show" data-bs-parent=".fag-list">
         >
          CO2 emissions refer to the release of carbon dioxide gas into the atmosphere as a result of
human activity, primarily through the burning of fossil fuels. They are important because they are a major
contributor to global climate change, which can have a range of environmental and social impacts.
         </div>
       data-aos="fade-up" data-aos-delay="100">
        <i class="bx bx-help-circle icon-help"></i> <a data-bs-toggle="collapse"
data-bs-target="#faq-list-2" class="collapsed">What is the global impact of CO2 emissions? <i class="bx
bx-chevron-down icon-show"></i><i class="bx bx-chevron-up icon-close"></i></a>
```

```
<div id="faq-list-2" class="collapse" data-bs-parent=".faq-list">
```

The global impact of CO2 emissions is significant, as they contribute to rising global temperatures, changes in precipitation patterns, sea level rise, ocean acidification, and more extreme weather events. These impacts can have significant consequences for human health, biodiversity, and food security, among other things.

```
</div>
</div>

data-aos="fade-up" data-aos-delay="200">
<i class="bx bx-help-circle icon-help"></i> <a data-bs-toggle="collapse"
data-bs-target="#faq-list-3" class="collapsed">Which countries are the largest emitters of CO2? <i class="bx bx-chevron-down icon-show"></i> <i class="bx bx-chevron-up icon-close"></i> </i> <div id="faq-list-3" class="collapse" data-bs-parent=".faq-list">
```

The largest emitters of CO2 are primarily developed countries, including China, the United States, India, Russia, and Japan. However, developing countries such as Brazil, Indonesia, and Mexico are also significant contributors to global CO2 emissions.

```
</div>
</div>

data-aos="fade-up" data-aos-delay="300">
<i class="bx bx-help-circle icon-help"></i> <a data-bs-toggle="collapse"
data-bs-target="#faq-list-4" class="collapsed">What can individuals do to reduce their carbon footprint?
<i class="bx bx-chevron-down icon-show"></i> <i class="bx bx-chevron-up icon-close"></i> </i> <div id="faq-list-4" class="collapse" data-bs-parent=".faq-list">
```

Individuals can reduce their carbon footprint by taking actions such as using public transportation or biking instead of driving, reducing meat consumption, conserving energy by turning off lights and electronics, and supporting renewable energy sources. Additionally, individuals can advocate for policy changes and engage in collective action to address climate change.

```
</div>
```

There are a range of policies and technologies that can help reduce CO2 emissions, including carbon pricing, renewable energy incentives, energy efficiency standards, and research and development into new low-carbon technologies such as carbon capture and storage. However, achieving significant reductions in global CO2 emissions will require a coordinated and sustained effort across sectors and countries.

```
</div>
     </div>
  </div>
 </section>
</main>
<footer id="footer">
 <div class="footer-top">
  <div class="container">
   <div class="row">
    <div class="col-lg-3 col-md-6 footer-contact">
    </div>
    </div>
    <div class="col-lg-2 col-md-6 footer-links">
     <h4>Useful Links</h4>
     ul>
      <i class="bx bx-chevron-right"></i> <a href="#">Home</a>
      <i class="bx bx-chevron-right"></i> <a href="#about">Summary</a>
      i>i class="bx bx-chevron-right"></i> <a href="#departments">Dashboard</a>
      <i class="bx bx-chevron-right"></i> <a href="#gallery">Gallery</a>
```

```
<i class="bx bx-chevron-right"></i> <a href="#testimonials">Thoughts</a>
        <i class="bx bx-chevron-right"></i> <a href="#doctors">Our Team</a>
        <i class="bx bx-chevron-right"></i> <a href="#faq">FAQ</a>
      </div>
     <div class="col-lg-3 col-md-6 footer-links">
      <h4>Our Team</h4>
      <111>
        <i class="bx bx-chevron-right"></i> <a href="#doctors">Kasinivenda Perumal V</a>
        <i class="bx bx-chevron-right"></i> <a href="#doctors">Lingesh L</a>
        <i class="bx bx-chevron-right"></i> <a href="#doctors">Bala Subramanian V</a>
        <i class="bx bx-chevron-right"></i> <a href="#doctors">Muthu Mada Samy K</a>
      </div>
    </div>
   </div>
  </div>
  <div class="container d-md-flex py-4">
   <div class="me-md-auto text-center text-md-start">
    <div class="credits">
     Designed by <strong>Kasi & Team </strong>
    </div>
   </div>
  </div>
 </footer>
 <div id="preloader"></div>
 <a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i class="bi
bi-arrow-up-short"></i>
 <script src="assets/vendor/purecounter/purecounter vanilla.js"></script>
 <script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
 <script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
 <script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
 <script src="assets/vendor/php-email-form/validate.js"></script>
 <script src="assets/js/main.js"></script>
```

</body>

</html>