



Addressing Key Topics of Climate Change for a Sustainable Future

Kashaf Saleha

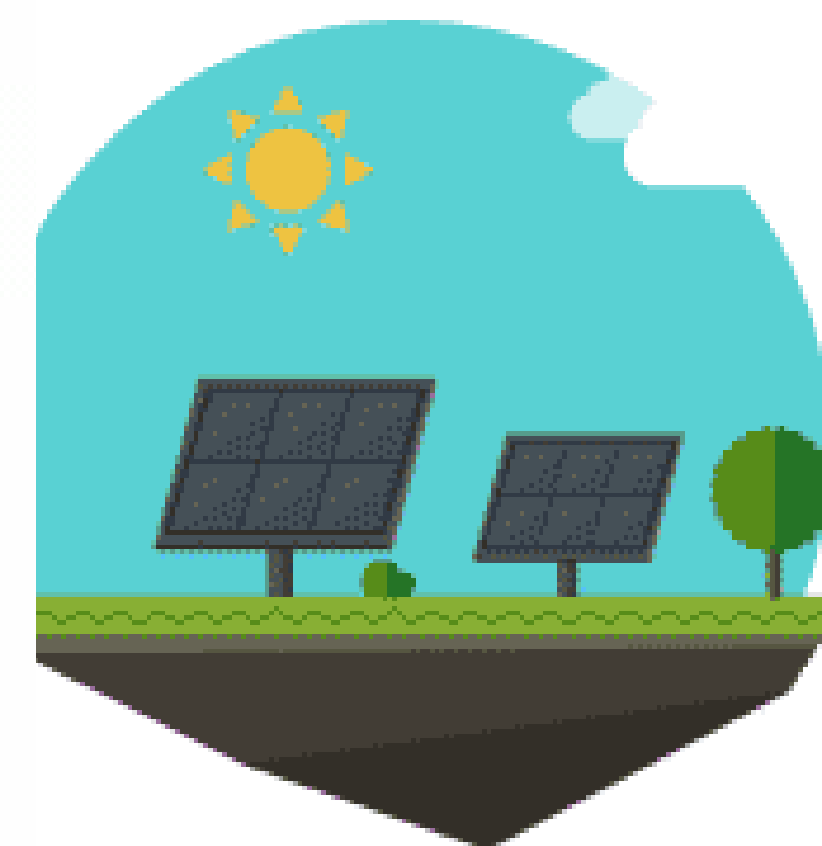
Email: kashaf.saleha@stud.uni-greifswald.de

Introduction:

Climate change is one of the most pressing challenges of our time, with far-reaching implications for the planet and future generations. In the face of this global crisis, the European Union (EU) has emerged as a proactive force, taking bold and decisive actions to address the key topics of climate change. Through a comprehensive approach that encompasses policies, initiatives, and international collaborations, the EU is actively working towards a sustainable future.

1. Renewable Energy

The EU's goal to increase the use of clean energy sources like wind and solar power, aiming for at least a 32% share of renewable energy by 2030, to reduce our reliance on fossil fuels and help combat climate change.



Solar energy



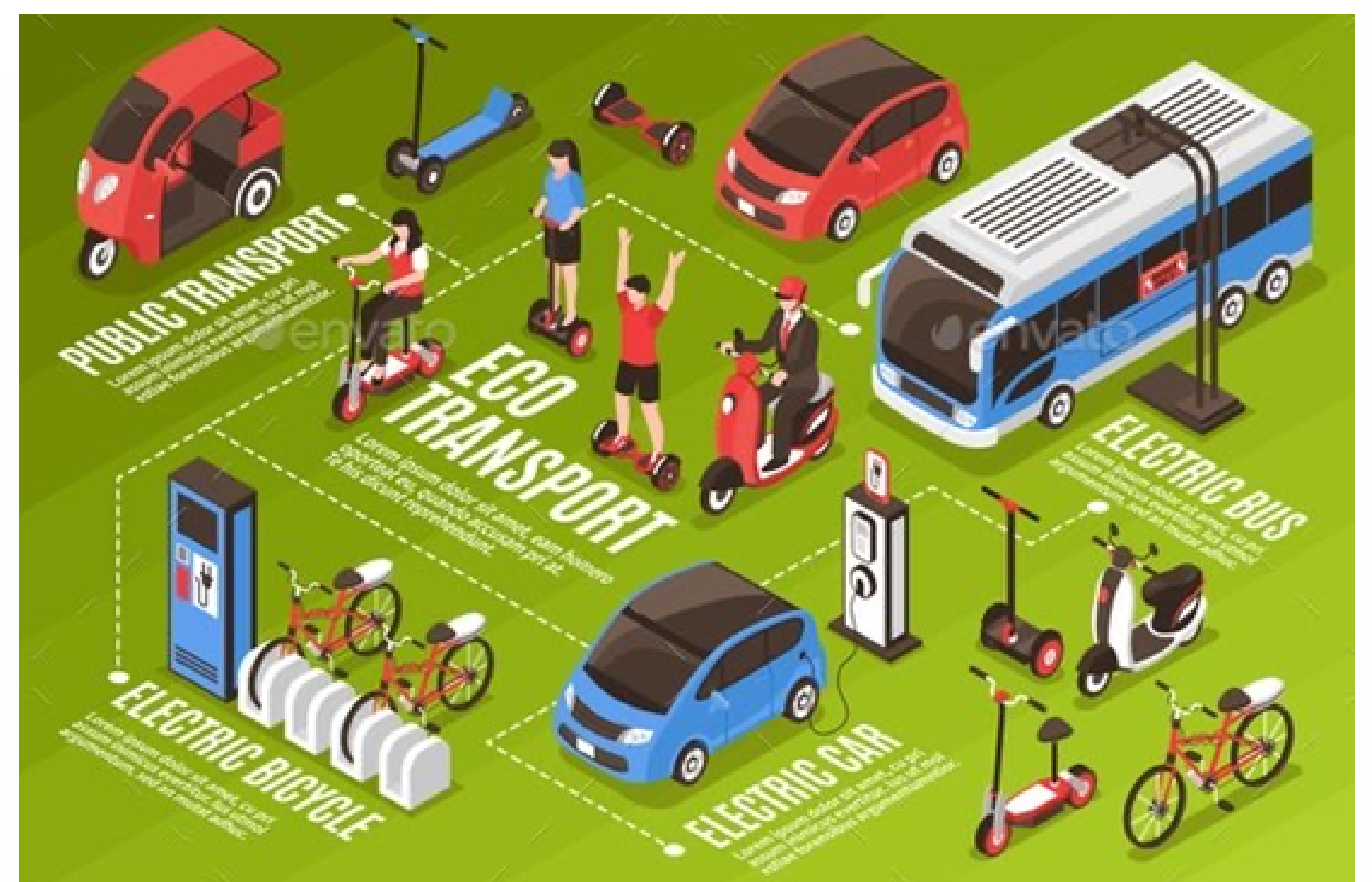
Wind energy



Hydroelectricity

2. Sustainable Transport

The EU is actively promoting sustainable transportation systems to reduce emissions from the transportation sector, which is a significant contributor to greenhouse gas emissions. Initiatives include promoting electric vehicles, improving public transportation infrastructure, and supporting research and development in clean and efficient transportation technologies. Emphasize the importance of sustainable mobility in reducing air pollution and improving public health.



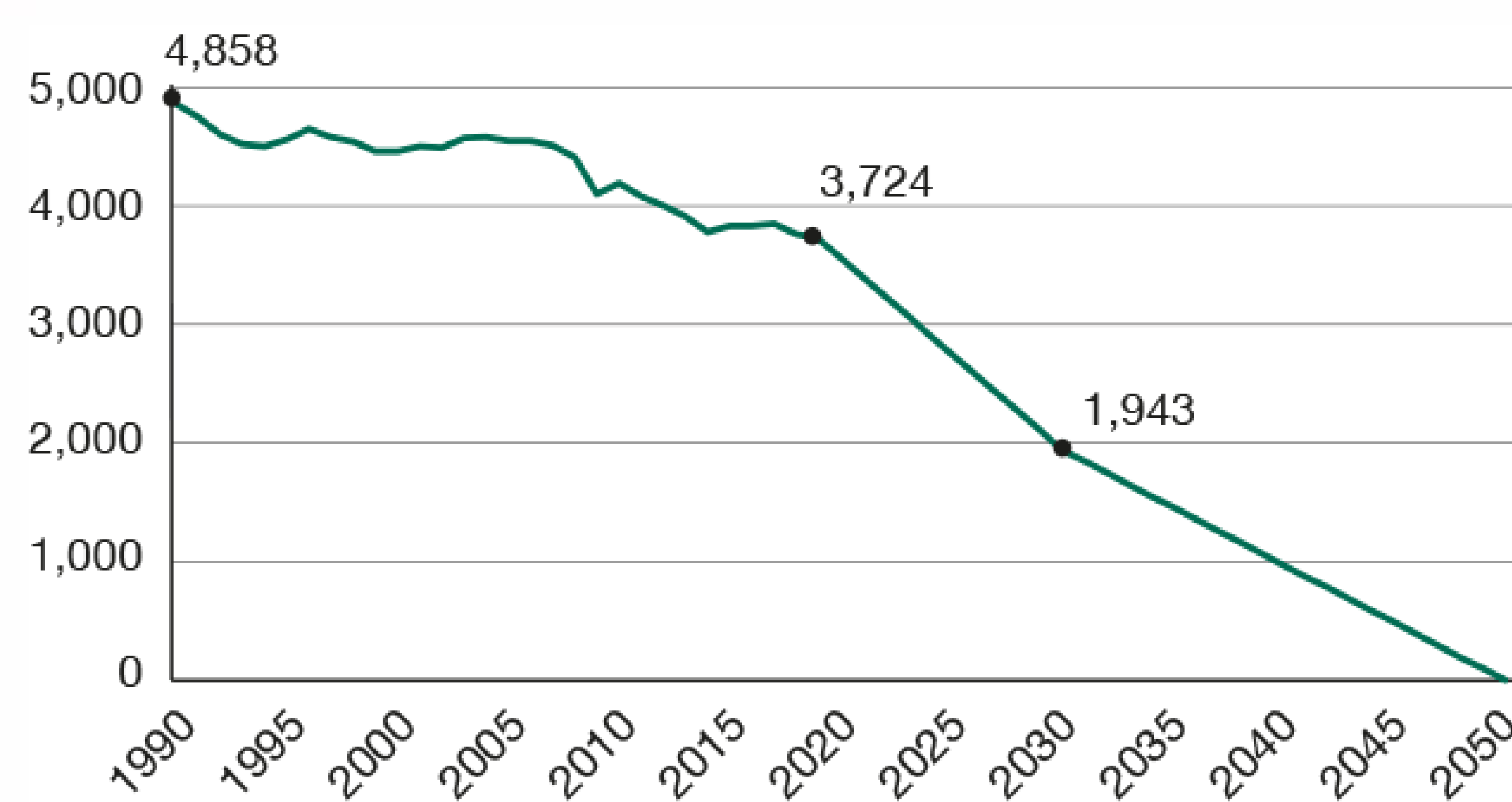
3. Circular Economy:

The EU's commitment to minimizing waste and making the most of resources by promoting practices like recycling, reusing, and designing products that last longer, which helps reduce pollution, conserve resources, and create a more sustainable economy



4. The EU is committed to climate action

It aims to be climate-neutral by 2050, has implemented the European Green Deal, and actively participates in international climate negotiations. The EU is driving efforts to combat climate change and create a sustainable future. Climate-neutral EU27 by 2050 via a 60% greenhouse gas emission reduction by 2030 in Mt CO₂e



Sources: GHG Emissions 1990-2018 from Eurostat (2020b); 2019 own estimation following trend 1990-2018.



Conclusion:

The European Union's proactive measures towards climate change, such as the European Green Deal, renewable energy transition, sustainable transport initiatives, and circular economy promotion, exemplify its steadfast commitment to building a sustainable future.

References:

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