

Co₂ Emissions

Europe & USA

Project II : Visualization with Shiny

Introduction



Global Warming



The data

The data of Co2 emissions is from the annual monitoring reports of the ***World Bank***

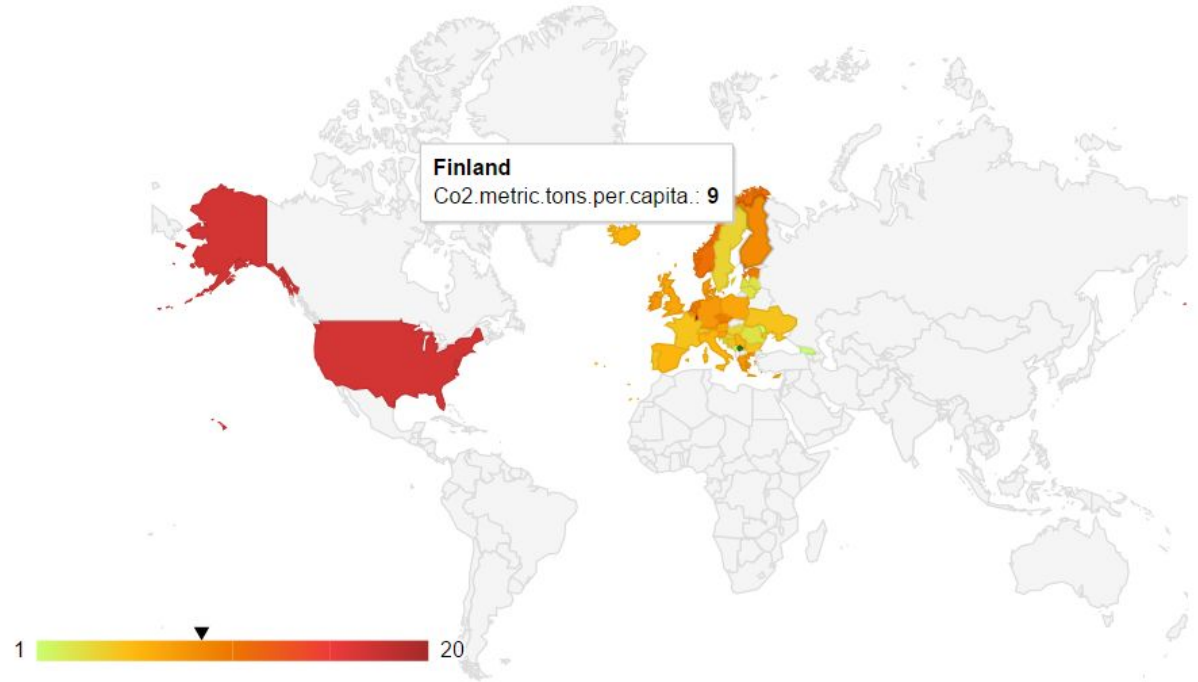
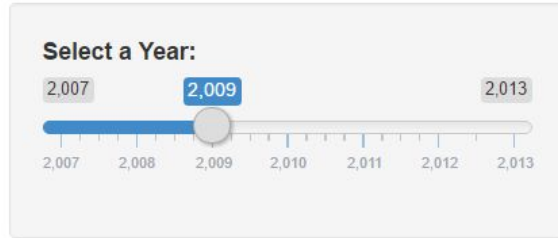
In this work, we focus on :

- Difference between Kyoto(EU) and Non Kyoto (US) partners
- Data between 2007-2013 :
 - In 2007, 10th anniversary of Kyoto protocol (Cop 3)
 - In 2009, Copenhagen conference over climate change (Cop 15)

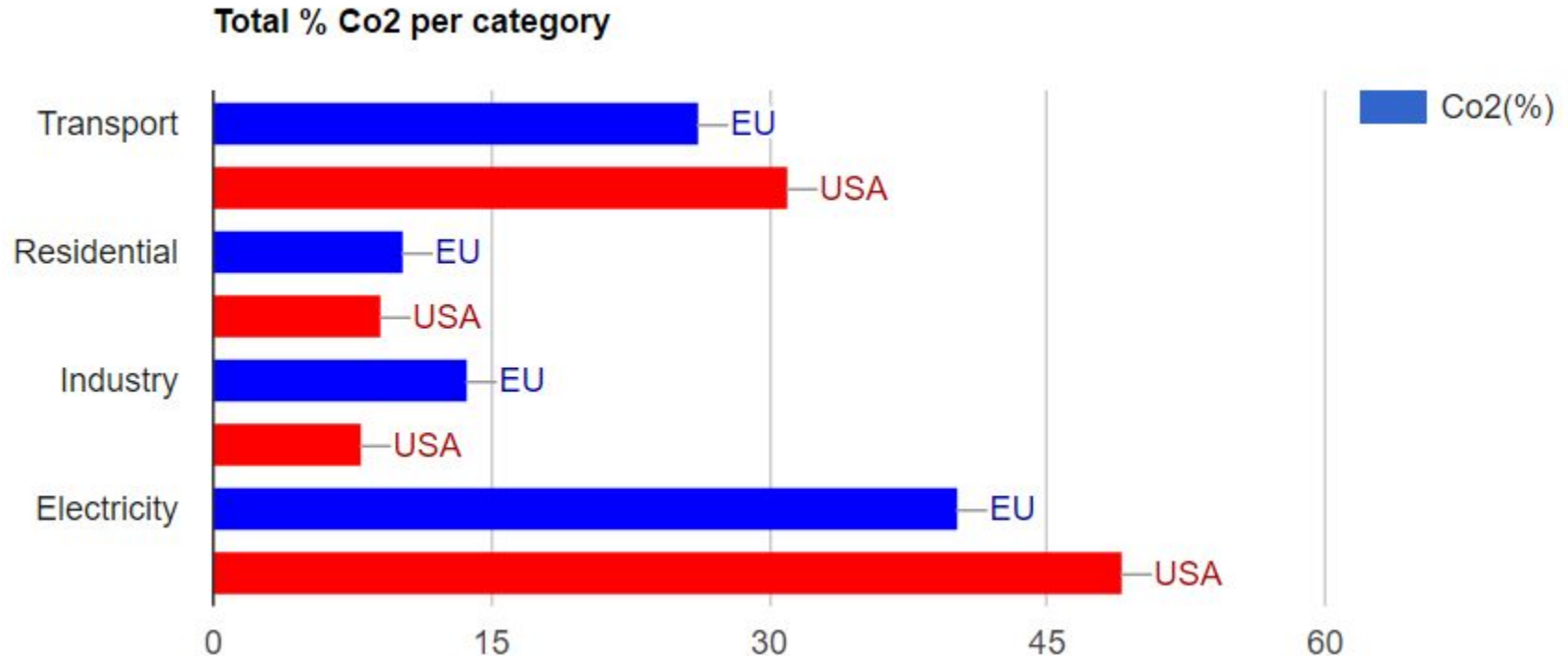
Summary

- 1- How do we assess the total level of Co2 emissions?
- 2- How do Co2 emissions per category(Transport,Households...) evolve in both the USA and Europe?
- 3- Was Kyoto protocol successful in reducing Co2 emissions?

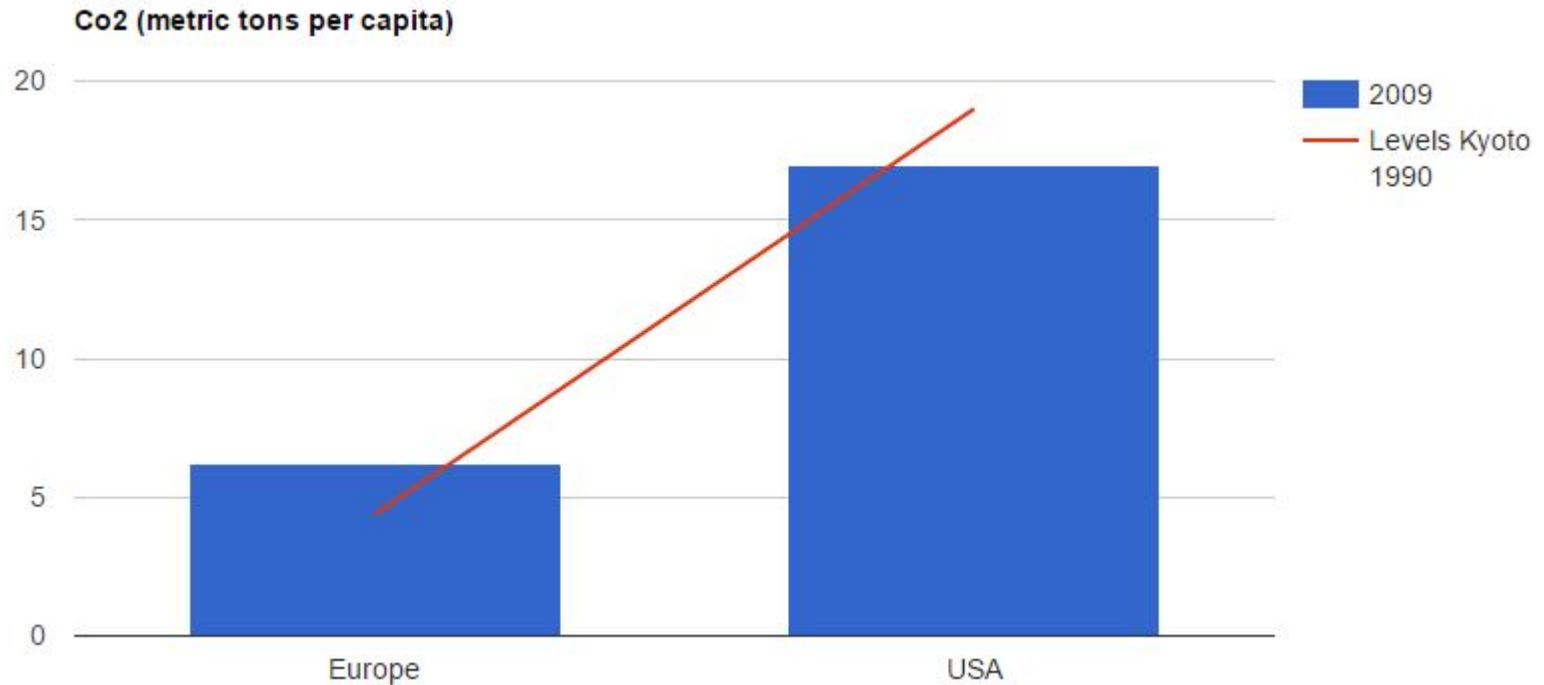
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How do Co2 emissions per category (Transport, Households...) evolve in both the USA and Europe?



Was Kyoto protocol successful in reducing Co2 emissions?



Conclusion

Europe(Kyoto partner) and the US (non Kyoto partners) made an effort to reduce Co2 emissions per capita

European Countries didn't meet the target levels of Kyoto protocol

The US has been successful in reducing the level of Co2 per capita under the stated levels of Kyoto protocol

Perspective

Comparison of the evolution of investments and the share of green energies as a new way to measure the commitment of countries to reduce Co2 emissions.