MPP-E1180: Collaborative Social Data Analysis Assignment 2

Camila Vieira & Tarun Khanna

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Introduction

Today it is widely known the fact that climate change imposes real challenges to societies' environmental and economic wellbeing. This state of affairs urges us to think on ways to cope with the effects of climate change as well as finding potential alternatives to the roots of this human-caused phenomenon. Not surprisingly this pressure has put into question the current energy sources in use which have contributed to high levels of pollution worldwide. As a means to deal with this challenge, renewable energy sources have been increasingly adopted especially in Europe. Recent studies of Eyraud et al. (2011) and identified the renewable energy sources will be the key drivers of the energy sector in coming years. Our main goal with this research project is to detect what are the determinants of investments in renewable sources of energy, namely wind and solar power energy.

Research Project

This research proposal aims to analyze what are the key determinants of green investments in renewable energy sources.

Del Río, Tarancón, and Peñasco (2014)

Eyraud et al. (2011)

Wickham and Francois (2016) R Core Team (2015)

Hypotheses

Data Sources and Methodology

References

Del Río, Pablo, Miguel Angel Tarancón, and Cristina Peñasco. 2014. "The Determinants of Support Levels for Wind Energy in the European Union. an Econometric Study." *Mitigation and Adaptation Strategies for Global Change* 19 (4). Springer: 391–410.

Eyraud, Luc, Abdoul Aziz Wane, Changchang Zhang, and Benedict J Clements. 2011. "Who's Going Green and Why? Trends and Determinants of Green Investment." *IMF Working Papers*, 1–38.

R Core Team. 2015. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. http://www.R-project.org/.

Wickham, Hadley, and Romain Francois. 2016. *Dplyr: A Grammar of Data Manipulation*. http://CRAN.R-project.org/package=dplyr.