



GrEnFin Newsletter

year 2021, number 2



From Crude Oil to Renewables: When the Wind is Blowing across Oil Giant

Renewable energy continues to grow fast in the US despite Covid 19. In a remarkable move, the market capitalization of NextEra Energy, the world's largest producer of wind and solar energy, passed in December 2020 (at more than \$145 billion) the one of Exxon Mobil, the oil giant which used to be [...]

[MORE](#)



Economic Modelling and the Constraints on Green Energy Growth

As macro-level modelling has become a key tool in guiding climate policies, the manner of representing the green energy sector is ultimately of importance for the way we support it. In particular, the development of green energies happens in a context that can be uneasy for economists where [...]

[MORE](#)



Programming, Numerical Methods, Financial Models and Risk Management - so why is that relevant in GrEnFin?

In computational finance, state-of-the-art numerical methods and computer methods are adopted to put a financial model into work. Methods like Monte-Carlo simulation, regression and machine [...]

[MORE](#)

Green Hydrogen Economy - The Portuguese Case

Within the scope of the Roadmap for Carbon Neutrality 2050 and, more specifically, at the level of the National Energy and Climate Plan 2030, the entry of Hydrogen into the Portuguese energy system is an inescapable fact. The contribution of Green Hydrogen to the energy transition [...]

[MORE](#)



Italy Entered the Market of Sovereign Green Bonds

On February 25, 2021, the Italian Ministry of Economy and Finance has published the "Framework for the issuance of Sovereign Green Bonds", according to which the first BTP Green will be issued. BTP Green is the new Italian government bond designed to support the environmental goals [...]

[MORE](#)



Just Transition Development Plan of Greek Regions in the post-Lignite Era

The Greek government is committed to the withdrawal of lignite power plants located in areas of the region of Western Macedonia (6 units of 4,438 MW) and the Municipality of Megalopolis in the Peloponnese region (2 units of 850 MW) by 2028 and for this reason "The Just Transition Development Plan" [...]

[MORE](#)



Project Number: 612408-EPP-1-2019-1-IT-EPPKA2-KA

This project has been funded with support from the European Commission. This newsletter reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



With the support of the
Erasmus+ Programme
of the European Union