



*energies*



an Open Access Journal by MDPI

## Energy Decentralization and Decarbonization

Guest Editor:

**Prof. Dr. Rafael Leal-Arcas**

School of Law, Queen Mary  
University of London, London  
WC2A 3JB, UK

Deadline for manuscript  
submissions:

**closed (30 November 2020)**

### Message from the Guest Editor

This Special Issue will examine the status of energy decentralization in various jurisdictions. It will discuss why it is in the interest of countries to decentralize their energy markets and will provide an analysis of the situation in several countries. The Special Issue will specifically focus on electricity markets and look at how decentralization is taking shape with regard to these markets. It will also look at how things stand in terms of new tools and technologies to facilitate decentralization, such as smart grids and meters, electric vehicles, demand response, and storage. The Special Issue will explore how countries are progressing towards the deployment of these tools and technologies, and the specific needs and regulatory barriers they have. In addition, the Special Issue aims to discuss electricity interconnections in various countries as a vital step towards decentralization that will boost energy security and energy efficiency. Lastly, the Special Issue will include a detailed examination of data protection concerns that arise from the advent of new technologies that collect personal information, such as smart grids.



[mdpi.com/si/36257](https://mdpi.com/si/36257)

# Special Issue



# energies



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Enrico Sciubba**

Department of Mechanical and  
Aerospace Engineering,  
University of Roma Sapienza, Via  
Eudossiana 18, 00184 Roma, Italy

## Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (*Engineering (miscellaneous)*)

## Contact Us

---

*Energies* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://x.com/energies_mdpi)