

## Special Issue

# 100% Renewable Energy Transition: Pathways and Implementation

### Message from the Guest Editors

The aim of this Special Issue is to collect research papers that address the above issues using novel methods from any adequate perspective, including economic analysis, modeling of systems, behavioral forecasting, and policy assessment. The issue will include, but is not be limited to:

- Local control schemes and algorithms for distributed generation systems
- Centralized and decentralized sustainable energy management strategies
- Communication architectures, protocols and properties of practical applications
- Topologies of distributed generation systems improving flexibility, efficiency and power quality
- Practical issues in the control design and implementation of distributed generation systems
- Energy transition studies for optimized pathway options aiming for high levels of sustainability

---

### Guest Editors

Prof. Dr. Claudia Kemfert

1. German Economic Research Institute (DIW Berlin), 10117 Berlin, Germany
2. Energy Economics and Sustainability, Hertie School of Governance, 10117 Berlin, Germany

Prof. Dr. Christian Breyer

School of Energy Systems, LUT University, 53851 Lappeenranta, Finland

Dr. Pao-Yu Oei

CoalExit Research Group, TU Berlin, 10623 Berlin, Germany

---

### Deadline for manuscript submissions

closed (31 August 2019)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/15933](https://mdpi.com/si/15933)

*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

[mdpi.com/journal/  
energies](https://mdpi.com/journal/energies)





# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/journal/  
energies](https://mdpi.com/journal/energies)



## About the Journal

### 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.

---

### Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University  
Niccolò Cusano, 00166 Roma, Italy

---

### 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 (Control and Optimization)