



energies



an Open Access Journal by MDPI

Industrial Chain, Supply Chain and Value Chain in the Energy Industry: Impacts and Challenges in the Green and Low-Carbon Transition

Guest Editors:

Dr. Jiachao Peng

Dr. Le Wen

Prof. Dr. Jianzhong Xiao

Prof. Dr. Ming Yi

Dr. Mingyue (Selena) Sheng

Deadline for manuscript
submissions:

31 March 2025

Message from the Guest Editors

Dear Colleagues,

The most significant source of carbon dioxide emissions is related to energy production and consumption. Vigorously promoting a green and low-carbon transition in the energy sector is an important measure to achieve peak carbon emissions and carbon neutrality, as well as accelerate the construction of a modern energy system.

This Special Issue focuses on energy consumption, technology, systems, supply chains, and value chains, explores international cooperation, and takes into account national conditions and the coordinated development of security, stable growth, and structural adjustment.

It analyzes the deepening of institutional and mechanism reforms and innovations in the energy sector, extracts mechanisms, pathways, and strategies for accelerating the construction of a clean, low-carbon, safe, and efficient energy system, promotes the high-quality development of energy and the comprehensive green transition of the economy and society, and provides guarantees for achieving the goals of peak carbon emissions, carbon neutrality, and building a modern economic system.



mdpi.com/si/199804

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

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