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## **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**

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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.



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# **Special** Issue



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### **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.

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

Tel: +41 61 683 77 34  
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