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Transition to Sustainable and Integrated Energy Systems for Smart Cities and Industries

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Message from the Guest Editors

The global energy sector is in the midst of a transition, due to economic, health, social, and environmental concerns driven by climate change. Achieving a zero-emission economy by the middle of the century requires a profound reshaping of the energy system, with a major shift from carbon-intensive fossil fuels to clean energy sources. In addition to the smart approach, research is necessary for the design of pathways to zero net emissions in cities around the world, with ambitious and targeted actions; in buildings and neighborhoods, in public and private transport, and in industry and services. The participation and cooperation of all stakeholders is necessary to shape the new system.

Submissions for this **Special Issue** are expected to include papers on the following topics:

- Policies and strategies towards energy transition.
- Energy efficient and healthy buildings.
- Net zero solutions for sustainable and smart neighbourhoods.
- Sustainable transport including electrification, sustainable bioenergy or green hydrogen, enhanced public transport, and shared mobility.
- Energy and waste management.
- Energy communities.



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Special Issue



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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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