

Special Issue

The Role of Sustainable Transport Development in Urban Areas: Energy Efficiency and Infrastructure Optimization

Message from the Guest Editors

This proposed Special Issue addresses sustainable transport and its multifaceted impacts on urban areas. Given that urban space is limited, it must be managed effectively. It is essential to identify suitable point and linear locations for transport infrastructure that enable a reduction in energy consumption for urban travel. Special attention should be given to energy-efficient transport modes, including cycling infrastructure, the electrification of transport, the integration of renewable energy sources, and innovative solutions aimed at minimizing energy demand. Keywords

- sustainable urban mobility plans
- public transport optimization
- introduction of electro-mobility infrastructure
- spatial planning of electro-mobility infrastructure
- transport development
- sustainable mobility shaping and planning
- information technologies in public transport systems
- planning intelligent transport systems
- transit-oriented development strategies in urban areas
- energy networks in smart cities
- conventional, hybrid, and electric drive systems

Guest Editors

Dr. Marcin Kłos

Department of Transport Systems, Traffic Engineering and Logistics,
Faculty of Transport and Aviation Engineering, Silesian University of
Technology, Krasińskiego 8 Street, 40-019 Katowice, Poland

Prof. Dr. Grzegorz Sierpiński

Department Transport Systems, Traffic Engineering and Logistics,
Faculty of Transport and Aviation Engineering, Silesian University of
Technology, Krasińskiego Str. 8, 40-019 Katowice, Poland

Deadline for manuscript submissions

20 February 2026



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/234737

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)