



energies



an Open Access Journal by MDPI

Methods and Technologies to Support Energy Management Decision Making in the Transport Sector

Guest Editors:

Dr. Grzegorz Sierpiński

Prof. Dr. Marcin Wołek

Prof. Dr. Houshmand Masoumi

Deadline for manuscript
submissions:
closed (10 October 2023)

Message from the Guest Editors

Dear Colleagues,

Shaping and developing transport systems requires making numerous decisions related to energy use. This is particularly important because of the need to limit the negative impact of transport on the environment. Decision-making support can be obtained using many different methods and techniques, including among others MCDMs (multi-criteria decision methods) and the use of spatial information (GIS). One of the directions of development of modern cities in the field of transport is electromobility, both in the form of electric vehicles and micromobility, supported by the increase of renewable energy and energy storage systems. This issue also requires decisions on the proper use of energy sources and urban development.

Topics covered in this Special Issue include, but are not limited to, the following:

- Decision-support methods and techniques for proper energy use;
- Urban planning and strategies in the context of energy and transport systems;
- Smart grid planning and optimization;
- Electromobility development in urban areas;
- Public transport optimization;
- Use of renewable energy in transport;
- Energy storage systems for transport in urban areas.



mdpi.com/si/124950

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)