Special Issue

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

Message from the Guest Editors

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.

Guest Editors

Prof. Dr. Grzegorz Sierpiński

Prof. Dr. Marcin Wołek

Prof. Dr. Houshmand Masoumi

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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