

Special Issue

Energy in Modern Transportation – Problems, Challenges and Solutions for Changes in Transport Needs Caused by Remote and Virtual Activities

Message from the Guest Editors

Energy in transport systems plays an essential role in terms of the functioning, efficiency and ecology of transport systems and sustainable urban mobility. The wider context of these issues are transport systems, in which energy is an element of synergy in the functioning of all aspects of smart cities. The currently observed changes in socio-economic systems as a result of restrictions aimed at limiting the COVID-19 pandemic are focused, among others, on changes in socio-economic activity. Previously, a significant share of passenger transport systems in the conduct of work, shopping, services, entertainment and education activities has now decreased as a result of displacement constraints, as well as shifts towards remote and virtual activities. It is also related to the observed increase in traffic in freight transport, mainly in the supply of goods that are ordered and purchased remotely but must be delivered to the consumer—to the individual end recipient in the urbanized area, both in smart city centers as well as in suburbs and in rural areas.

Guest Editors

Dr. Grzegorz Karoń

Prof. Dr. Andrzej Szarata

Dr. Ryszard Janecki

Dr. Grzegorz Krawczyk

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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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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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