



energies



an Open Access Journal by MDPI

Heat Pump System in Existing Building Stock

Guest Editor:

Dr. Marek Miara

Business Developer Heat Pumps,
Division Thermal Systems and
Building Technologies,
Fraunhofer Institute for Solar
Energy Systems ISE, 79110
Freiburg, Germany

Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editor

It is our pleasure to invite you to submit a paper for publication in a Special Issue of *Energies* on the topic of "Heat Pump System in Existing Building Stock".

The common view that heat pumps are only suitable for new buildings or for buildings that have undergone extensive energetical refurbishment can be considered disproved in many respects today.

This view is particularly inappropriate because it is crucial that existing buildings achieve climate neutrality in the future. Most residential spaces are still heated with fossil fuels to this day. In the next two to three decades, these homes will also have to be completely supplied by CO₂-free heating. Alongside CO₂-free district heating, the heat pump is a key technology that will be used here.

The goal of this Special Issue on "Heat Pump System in Existing Building Stock" is to provide well-founded answers to these and other questions, counter prejudices, and create a good basis for future decision making in this area.



mdpi.com/si/100115

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 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 Compindex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)