

Special Issue

Energy Saving and Zero-Energy Systems: Renewable Energy Technologies, Energy Efficiency, Circular Economy

Message from the Guest Editors

Climate changes are recognized as an important problem by the European community. EU actions are currently focused on achieving zero emissions of greenhouse gases (GHGs). This requires actions in many areas of the economy. Strategic areas include increasing energy efficiency, increasing the RES share in the energy balance, decreasing GHG emissions (including from transportation) and developing the circular economy. One of the key areas will be energy management in buildings. In this context, thermo-modernization processes are particularly important because most of the buildings in Europe were built before the introduction of the rigorous norms concerning energy effectiveness, so their modernization is an inevitable element of the transformation. Additionally, the changes should be supported by the introduction of the RES both in individual systems and as an element of centralized heating and electric energy systems.

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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.

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