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Energy Communities Implementation

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Message from the Guest Editor

When we speak about energy communities (ECs), we generally refer to groups of citizens who organize themselves to actively contribute to the energy transition, producing energy and meeting their energy needs through the exploitation of renewable sources.

This Special Issue is devoted to investigating benefits and risks correlated to ECs, evaluating the issue from three different perspectives: the one of the EC as a whole, the one of the EC members (i.e., citizens, municipalities, and SMEs that participate to the EC), and the one of the system in which they are hosted (i.e., the public distribution network). In particular, the Special Issue is strongly oriented to real-life implementation of EC, pointing out the performances, criticalities, and needs (in terms of regulatory framework, incentive schemes, technical arrangements, technologies, etc.). Eventually, numerical simulations based on real-life study cases will be adopted in order to better clarify and quantify the issue.



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Special Issue



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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.

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