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Sustainable Renovation and Energy Retrofit in Buildings

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Message from the Guest Editors

Dear Colleagues,

This Special Issue seeks contributions that address these challenges:

- Role and potential of buildings' energy retrofitting in national climate change mitigation plans;
- National, regional and community strategies for stimulating deep energy retrofitting;
- Overcoming barriers for decision-making on investing in retrofits, especially for homeowners;
- Shining examples of best practices in deep energy retrofitting of public buildings;
- New service offers to reduce the technical, human and organizational barriers of deep energy retrofits;
- New, consumers-oriented approaches (e.g., with one-stop shop (a single point of contact) that guides through the process);
- Role of digitization and industry 4.0 in energy retrofitting;
- Prefabrication-based solutions (economies of scale, construction processes, reduced time spent on site by the workers, organizational challenges);
- Market for prefabricated-based retrofitting solution homes.



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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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