

## Special Issue

# Building Renovation—Towards a Decarbonized Building Stock 2050

### Message from the Guest Editors

The building sector accounts for approx. 40% of primary energy use and associated CO<sub>2</sub> emissions, and it is expected that 85–95% of the existing building stock will still be here in 2050. Therefore, energy-efficient renovation and utilization of renewable energy sources will play a key role in the transition towards a low emission society. Most countries have already set ambitious goals for reducing energy use in existing buildings and, e.g., the EU has set a goal to have a completely decarbonized building stock by 2050. Renovation rates, however, are much too low at the moment (e.g., 1% per year in Europe), and there is a need for strategies and initiatives that can speed up the process considerably if ambitious goals are to be reached. This Special Issue intends to present a selection of papers addressing a wide range of approaches and tools, with the objective of promoting an effective transition to a low carbon economy focusing on the key elements of the renovation strategy. More details at:

[https://www.mdpi.com/journal/sustainability/special\\_issues/building\\_renovation\\_2050](https://www.mdpi.com/journal/sustainability/special_issues/building_renovation_2050)

### Guest Editors

Dr. Manuela Almeida

School of Engineering, Institute for Sustainability and Innovation in Structural Engineering (ISISE), University of Minho, Campus de Azurém, 4800-058 Guimarães, Portugal

Dr. Jørgen Rose

Department of the Built Environment, Aalborg University, Copenhagen, Denmark

### Deadline for manuscript submissions

closed (30 September 2022)



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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario  
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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