# **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 CO2 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

https://www.mdpi.com/journal/sustainability/special\_issues/building\_renovation\_2050

# **Guest Editors**

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# Deadline for manuscript submissions

closed (30 September 2022)



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### Editor-in-Chief

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