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Energy-Saving Approaches in Non-Residential Buildings

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Message from the Guest Editors

As well known, the building sector is one of the most energy consuming sectors in developed countries. It accounts for 40% of the total energy consumption of the EU member states and 36% of their CO_2 emissions. Furthermore, about 35% of buildings in EU are over 50 years old.

To achieve the international targets on the limitation of CO_2 emissions, new solutions and strategies should be implemented. In literature, residential buildings are usually considered as case study, because their large spreading on the territory and consequently the required energy demand.

In this issue, the attention is focused on non-residential buildings or large buildings, because they are usually characterized by a high and more regular energy demand. Consequently, each retrofit solution can potentially produce high benefits for the environment.

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Message from the Editor-in-Chief

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