## **Special Issue**

# **Energy Transition in the Urban Environment**

## Message from the Guest Editors

More than 50% of the world's population lives in cities and urban areas, which account for nearly 80% of the anthropogenic CO2 emissions. To reduce global CO2 emissions and limit the average temperature increase to less than 2 °C, as established by the Paris Agreement, it is required a massive scaling-up and acceleration of renewable energy in power generation, energy efficiency of industry and buildings, and the decarbonization of the transport sector. Furthermore, the recent energy crisis further stresses the urgency of these transformations towards more affordable, secure and sustainable energy. This Special Issue addresses the most recent scientific developments in the different areas that support the general action plan that will definitively transform the urban energy landscape in the ongoing transition. Topics of interest include, but are not limited to, urban planning, the potential of renewable energy sources in urban environments, positive-energy buildings and districts, local energy communities, smart grids and distributed energy systems, demandresponse management, and the decarbonized mobility of people and goods.

### **Guest Editors**

Dr. José A. Silva

Instituto Dom Luiz, Faculdade Ciências, Universidade Lisboa, 1749-016 Lisboa, Portugal

#### Dr. David Pera

Environmental Research and Innovation (ERIN) Department, Luxembourg Institute of Science and Technology, L-4362 Esch-sur-Alzette, Luxembourg

## Deadline for manuscript submissions

closed (5 January 2024)



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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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