



Towards Sustainable Energy Transition: Replacing Fossil Fuels-Based Energy with Waste-Derived and Renewable Energy

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Deadline for manuscript
submissions:

closed (28 February 2025)

Message from the Guest Editors

Dear Colleagues,

Given the challenging decarbonization goals established by Europe for 2050, there is an urgent need to replace fossil fuels-based energy with renewable energy technologies.

The aim of this Special Issue is to compile relevant research that address the substitution of fossil fuel-based energy with waste-derived energy, particularly focusing on the sustainability of the transition processes. We invite submissions of original research articles and reviews, in areas that may include (but not limited to) the following:

- Biomethane as a renewable source of energy in ELLs;
- Renewable syngas production optimization to substitute fossil fuel-based energy;
- Biomass as a renewable and sustainable substitute of fuels in ELLs;
- New value chains from waste to produce different energy carriers;
- Life cycle assessment in waste value chains;
- Green hydrogen from waste as a source of energy for ELLs.

We look forward to receiving your contributions.





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Editor-in-Chief

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Message from the Editor-in-Chief

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