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Energy Transition and Hydrogen: Challenges and Opportunities

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Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

Hydrogen can represent a key factor for the underlining transition toward clean technologies for more sustainable production and consumption. The ability of hydrogen to link different energy sectors and energy transportation and distribution networks can increase the operational flexibility of future low-carbon energy systems. Moreover, hydrogen as material can be used in industrial processes to enhance their sustainability, as in the steel industry, where hydrogen metallurgy, which adopts hydrogen as the reduction agent instead of carbon to reduce the iron oxides, has been receiving growing attention.

This multidisciplinary Special Issue welcomes original articles on hydrogen from a variety of research fields, covering the whole supply chain, from production to utilization, embracing technological, economic, and social dimensions.

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Message from the Editor-in-Chief

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