



## Hydrogen Production, Conversion and Use

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### Message from the Guest Editors

Dear Colleagues,

In the context of the decarbonisation of the modern industrial society to reach a sustainable future, hydrogen is able to play a key role in the energy and climate transition thanks to its favourable characteristics as an energy vector, a chemical carrier and feedstock, and an energy storage medium.

The hydrogen value chain is complex and interconnected; it spans from hydrogen production, through hydrogen conversion (compression, storage, distribution and transport), up to its final uses and applications in different target sectors.

That said, the main goal of this Special Issue is to collect contributions regarding hydrogen technologies and system applications with both a vertical and transversal approach, welcoming contributions of both specific technological and/or process aspects at all levels of the value chain as well as overarching studies which encompass the hydrogen value chain as a whole in order to fully untap the benefits across the energy and industrial sectors in terms of energy efficiency, economic competitiveness and environmental impact.



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## Message from the Editor-in-Chief

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