

# EES Batteries

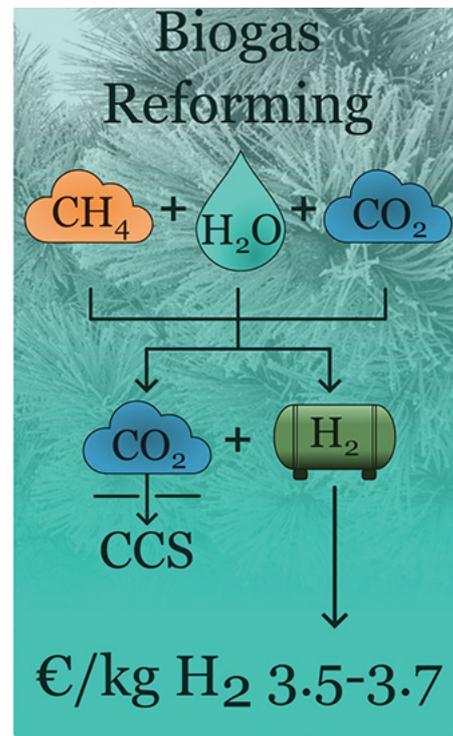
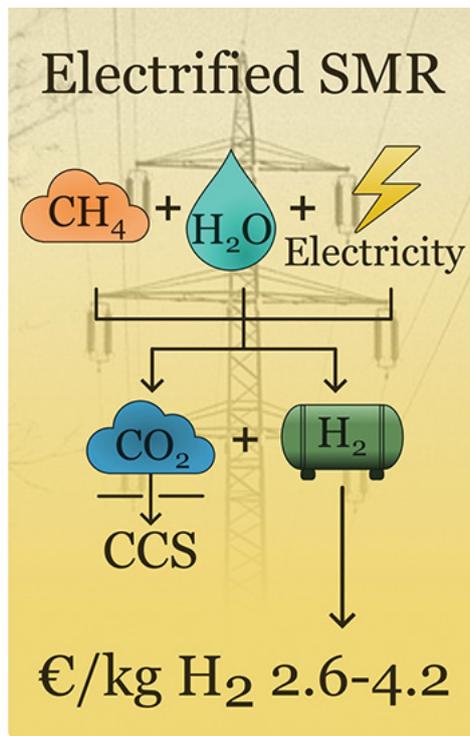
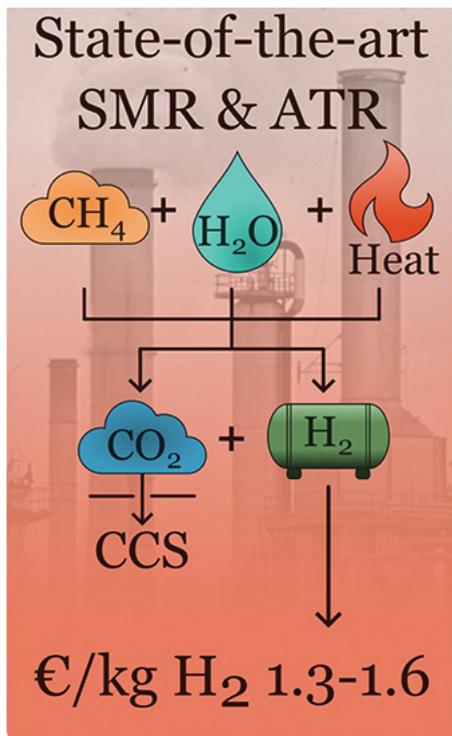
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## How can the carbon intensity of $\text{H}_2$ production be decreased?

Showcasing research from Professor Emanuele Moioli's laboratory, Dipartimento di Chimica, Materiali e Ingegneria Chimica 'Giulio Natta', Politecnico di Milano, Italy.

Dynamic eco-techno-economic analysis of low-carbon hydrogen production from methane

This work investigated the influence of the feedstock and process selected in the economic and environmental sustainability of the production of hydrogen from methane. In particular, the work highlights the influence of time variability in electricity price, showing the presence of an optimal number of hours of operation for the electrified processes.

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As featured in:



See Giulio Martinoli and Emanuele Moioli, *Energy Adv.*, 2026, **5**, 290.