

# HYDROGEN – WHAT IS THE HYPE ABOUT?

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**There has been a lot of hype in recent years about hydrogen and the deployment of hydrogen fuel cells. Interest is only increasing as countries around the globe look to cut their carbon emissions, to re-use existing infrastructure where possible, and to move away from internal combustion engine vehicles.**

Of course, hydrogen is not a new technology – it has been around for two hundred years, with visionary science fiction author Jules Verne writing in his 1875 novel, *The Mysterious Island*:

*Yes, my friends, I believe that water will one day be employed as fuel, that hydrogen and oxygen, which constitute it, used singly or together, will furnish an inexhaustible source of heat and light of an intensity of which coal is not capable.*

This series starts with an introduction for those new to hydrogen, setting the scene and familiarising readers with current hydrogen technology and jargon. In the remainder of the series, our multidisciplinary team examines the state of play of the hydrogen sector in jurisdictions across the globe, assessing published strategies and ambitions for its development, where these exist, and identifying the challenges and opportunities where formal strategies, goals or ambitions have not yet been set.

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Links to each article will be updated upon publication:

- **Introducing Hydrogen – A beginner's guide**
- **The European Hydrogen Strategy**
- **The German Hydrogen Strategy**
- **Hydrogen in the UK**

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- The French Hydrogen Strategy
- The Spanish Hydrogen Strategy
- The Italian Hydrogen Strategy
- Hydrogen in Greece
- Hydrogen in the UAE

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