

Overview

Our experience

Key contacts

Hydrogen is an important part of the energy transition, playing a key role in the global effort to decarbonise the energy system.

Whether you're an investor or industry supplier, you need to understand the risks and legal developments affecting the hydrogen economy. We are working with clients to identify and overcome a wide range of challenges from the evolving regulatory requirements and government incentive schemes to project structuring and adoption of new technologies.

We are collaborating with developers and investors to explore the issues associated with using hydrogen across power generation, heating, transport and manufacturing.

The hydrogen rainbow:

Grey – hydrogen produced through steam methane reformation without capturing the greenhouse gases.

Blue – hydrogen produced through steam methane reformation, but with the addition of a carbon capture system.

Green – hydrogen produced through electrolysis using electricity generated from renewable sources.

Pink – hydrogen generated through electrolysis powered by nuclear energy.



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The team's experience includes advising:

- Providing a number of workshops on the hydrogen regulatory scene, blending and the hydrogen business model.
- A client in the early stages of planning and commercial thinking around a green hydrogen project.
- A high-net worth individual who is backing a business that had identified off-grid sites where they lease land to make hydrogen using off grid wind.
- **Ryse** bidding to TfL to provide hydrogen for new fleet of hydrogen buses (hydrogen to be produced from a wind farm - green hydrogen).
- A leading developer of solar PV energy on the development of green hydrogen projects in Spain. Legal advice on land agreements, regulatory framework and administrative processing of the necessary PLAs for the implementation of hydrogen production plants.
- **Air Liquide** on different hydrogen supply contracts with Belgian clients.
- **Octopus** on the creation of a joint venture with RES for UK industrial green hydrogen offtake development projects.
- **HYCAP** on its proposed investments in 4 hydrogen generation projects in the UK.
- **A confidential hydrogen fund** on its proposed investments in a hydrogen trading business in the UK.
- **A confidential infrastructure fund** on its proposed investments in early stage compressed air and green hydrogen project in the Netherlands and Denmark
- **A confidential infrastructure fund** on its proposed investments in an early stage blue ammonia project in Norway.
- **HamiltonJet Global** on conversion of a ferry to hydrogen propulsion.
- **Foresight** on its joint venture with Progressive Energy and Statkraft to develop a suit of green hydrogen projects in the North-West of England.



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