

Hydrogen

One of the most promising ways to achieve a reduction of greenhouse gas emissions is the replacement of fossil fuels by alternative climate-friendly options. The use of hydrogen will play a key role in this transition. We help our clients to maneuver the developing legal regimes for hydrogen usage and advise on market entry strategies and regulatory requirements worldwide.

One of the most promising ways to achieve a reduction of greenhouse gas emissions is the replacement of fossil fuels by alternative climate-friendly options. The use of hydrogen will play a key role in this transition. We help our clients maneuver the developing legal regimes for hydrogen usage and advise on market entry strategies and regulatory requirements worldwide.

As a full-service law firm, we have extensive know-how in all areas of law that may become relevant in the context of hydrogen projects. In particular, our global team has extensive experience in energy regulatory law, energy trading law, and public commercial law. We have successfully advised on the development, financing, and construction of numerous infrastructure projects, with a particular expertise in the areas of natural gas, power and renewables.

Clients benefit not only from our regional expertise, but especially from our global approach: Our initiative H₂L connects our lawyers worldwide to collaborate, share experience, and learn from the developments in the hydrogen sector worldwide.

Contacts

Dr. Stefan Schröder,
Dusseldorf

Mary Anne Sullivan,
Washington, D.C.

Alex Harrison,
London

Paul Shillington,
Perth

Practices

Government Relations and
Public Affairs

Transportation

Infrastructure, Energy,
Resources, and Projects

Energy Regulatory

Climate Change

Industries

Mobility & Transportation

Energy and Natural
Resources

Representative experience

Advising a bidder seeking to acquire British Steel from liquidation, including negotiations in relation to a UK government support package and clean hydrogen steel fabrication.

Advising a UK hydrogen car manufacturer on corporate and financing issues.

Assisting a client in negotiations concerning participation in a demonstration of a hydrogen fuel cell providing back-up for wind and solar supplies to provide a 24/7 carbon free power supply.

Assisting a client in applying for federal R&D funding to demonstrate the feasibility of producing hydrogen at a nuclear power plant that will generate power at a nearby gas plant.

A fuel cell developer in connection with the negotiation of fuel cell energy services agreements for over 100 commercial and industrial customer sites.

An independent power producer in connection with a number of energy storage projects in New York.

Advising a Japanese trading house on partnering arrangements for the development of a commercial-scale hydrogen production facility in the northwest of Australia.

Advising an Asian renewables company on due diligence and site screening for a potential novel blue hydrogen production development in Australia.

German gas network operators on potential impacts of the upcoming regulatory regime for hydrogen infrastructure.

An infrastructure investor on potential rededication of existing gas network infrastructure for the usage as hydrogen pipeline, expected impacts on network fee regulation and risk of shut down scenarios.

Latest thinking and events

[Hogan Lovells Publications](#)

Australia's Pathway to a Hydrogen Energy Future

Brochures

Hydrogen – An opportunity for the future

Hogan Lovells Publications

Energy snippets