First global law firm with a hydrogen industry legal team boasting decades of experience.
A firm which truly recognizes the importance hydrogen will play in the near term.

**Top-tier ranked for projects, financing, M&A and disputes.**

Advisers on the largest and most complex projects and transactions, including the world’s first green hydrogen megaproject, about to commence construction.

**Experienced partner-led teams based in New York, Houston, Tokyo, Seoul, Singapore, London, the UAE and Riyadh.**

Premier client list in the hydrogen sector.

**Advisers to NOCs, IOCs, lenders, developers, technology suppliers, engineering companies and contractors.**

**HYDROGEN TECHNOLOGY, PRODUCTION AND DOWNSTREAM CONVERSION**

- Advisers on the **world’s first green hydrogen / ammonia export megaproject**, involving 4GW of solar and wind and a 2GW electrolyser in Saudi Arabia with Air Products (USA). Capex is US$5 billion, plus $2 billion of downstream capex.

- Advisers to Hydrogen Energy International on various hydrogen energy projects, including a **project in California to produce 400MW of electricity together with carbon sequestration**.

- Advisers to LyondellBasell in connection with a joint venture to develop a syngas (hydrogen and CO2) facility in Texas.

- Advisers to APVentures, which was spun out of Anglo American, on **investments in platinum-based hydrogen fuel cell technologies**.

- Advisers to Syntroleum in connection with **several projects to produce synthetic fuels** by the Fischer-Tropsch process (converting hydrogen and CO2 into liquid hydrocarbons) using natural gas, coal, or biomass as feedstocks.

**SUPPLY CHAIN AND DISTRIBUTION**

- Advisers to Brunei LNG on a JV with Chiyoda and Mitsubishi to establish the **world’s first international hydrogen supply chain business**, transporting hydrogen at room temperature.

- Advisers to numerous energy companies on **hydrogen pipelines in Texas associated with the separation of hydrogen and CO2**.

- Advised Anglo Platinum Marketing on a JV with Shell Oil, Toyota and Honda to develop **hydrogen refueling stations in California**.

**FINANCIAL PRODUCTS**

- Advised on a convertible **note investment in United Hydrogen** (gaseous and liquid hydrogen).

- Advised on a credit facility relating to hydrogen-powered industrial equipment employed at various Walmart distribution centers.
EXPERIENCED TEAM COVERS ALL ASPECTS OF THE HYDROGEN VALUE CHAIN

Shearman & Sterling’s hydrogen team has represented clients globally in the production, supply, and downstream sale and marketing of hydrogen and associated products, including advising opposite Air Products on its recently-announced green hydrogen production megaproject in Saudi Arabia. The team brings extensive experience in project development, finance, mergers & acquisitions, and commercial agreements in representing investors, sponsors, lenders and other key players in the hydrogen stream.

AN AWARD-WINNING GLOBAL TEAM

- Leading firm in Projects & Energy in each region of the world, including Africa, Asia Pacific, Middle East, Latin America, and the U.S., Chambers Global 2020
- 2019 Law Firm of the Year, Project Finance International
- Leading firm in the Middle East & North Africa, IJGlobal 2019
- Leading firm globally in Corporate / M&A, Chambers Global 2020