



# TOP-TIER GLOBAL LAW FIRM. DEDICATED HYDROGEN LEGAL TEAM.

First global law firm with a hydrogen industry legal team boasting decades of experience.

A firm which truly recognises 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 CO<sub>2</sub>) 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 CO<sub>2</sub> 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 CO<sub>2</sub>.**
- 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.

# GLOBAL HYDROGEN INDUSTRY TEAM

## ASIA



**ETIENNE GELECSNER**  
Partner



**ANNA CHUNG**  
Partner



**BEN SHORTEN**  
Partner



**JEAN-LOUIS NEVES MANDELLI**  
Partner



**ANGIE BIBLE**  
Counsel



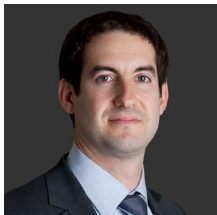
**IAIN ELDER**  
Partner



**SANJA UDOVICIC**  
Partner

## EUROPE

## MIDDLE EAST



**DAN FELDMAN**  
Partner



**RENAD YOUNES**  
Partner



**HUGH TUCKER**  
Partner



**MANUEL ORILLAC**  
Partner



**JEREMY KENNEDY**  
Partner



**ROBERT FREEDMAN**  
Partner



**CHRISTIAN RUDLOFF**  
Counsel

## UNITED STATES

### 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**