



Our hydrogen services

Everoze Partners



experts | evolving | energy

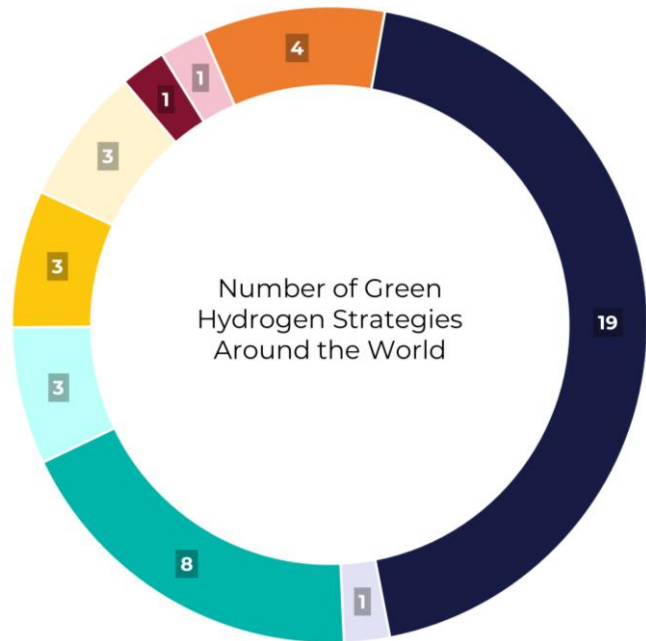


Hydrogen in the future

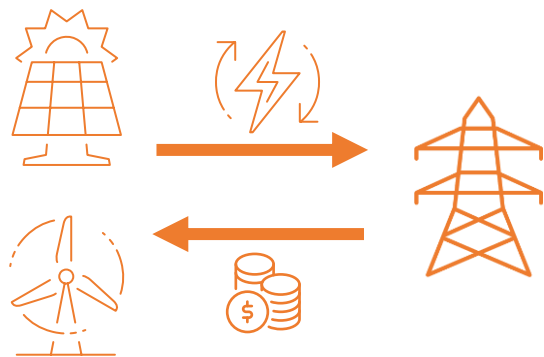
THE HYDROGEN INDUSTRY HAS BEEN SET IN MOTION

IT IS TRANSFORMING RENEWABLE PROJECTS...

...AND OFFERS HUGE OPPORTUNITIES FOR GROWTH



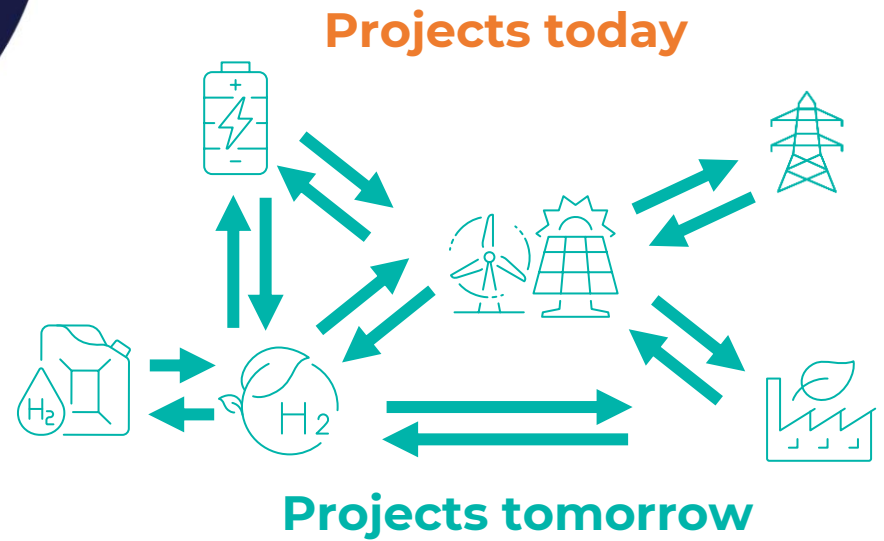
- Europe (Published)
- Latin America & Caribbean (Published)
- Middle East & North Africa (Published)
- Africa (Published)
- Rest of World (Published)
- Europe (Drafted)
- Latin America & Caribbean (Drafted)
- Middle East & North Africa (Drafted)
- Africa (Drafted)



1,000 GW of electrolysis to decarbonise current hydrogen demand

2,000 GW of wind and solar to power the electrolyzers

3-10 x increase in H₂ demand by 2050



How can Everoze help developers and investors

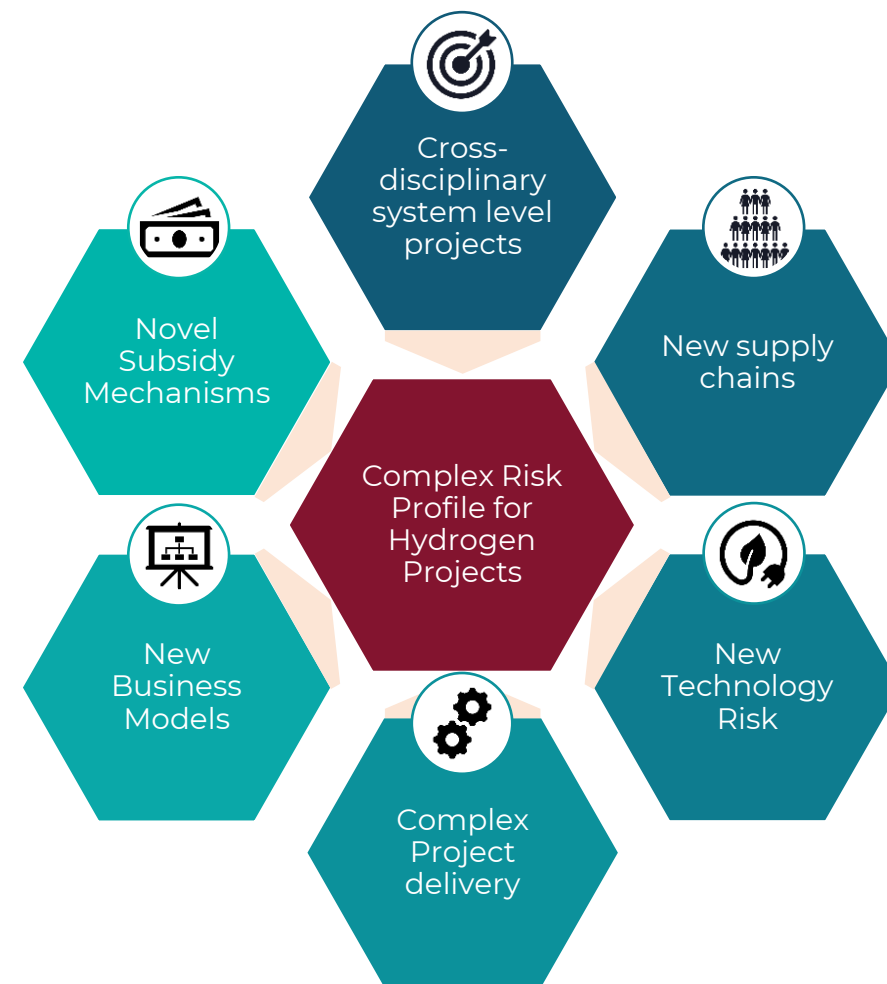
Everoze in hydrogen

Everoze has a **hydrogen team** who can **provide insight** into what makes a successful green hydrogen project.

We understand the challenge of **integrating renewables with electrolysis**.

Services

We work with **developers and investors** to provide **training**, develop green hydrogen **strategies**, **screen** opportunities, **model** green hydrogen production, and perform **technical due diligence**.



We understand the green hydrogen ecosystem

Grid Services & Flexibility

11+ GW of energy storage

We devise revenue models, conduct due diligence and support our clients to design, build and operate their assets

Onshore Wind

25+ GW of onshore wind

Trusted technical advisor working with the largest lenders and investors

Solar

29+ GW of solar projects

Solar experts working across the market, from domestic to utility scale

Hybrid Sites

14+ GW of hybrid projects

We understand the balance of solar, wind and storage that is key to reducing the cost of hydrogen

Green Hydrogen

Hydrogen technical due diligence for transactions on behalf of clients and lenders

Hydrogen strategy development to support offshore wind seabed leasing, project development and large-scale decarbonisation

Managing green hydrogen projects, from technical and commercial feasibility studies, to FID

Offshore Wind

40+ GW of offshore wind

Market leader in offshore wind, trusted to deliver across the project lifecycle, from seabed leasing to operations



Green hydrogen modelling and design optimisation

Supporting hydrogen project development and optimisation

Project development challenges

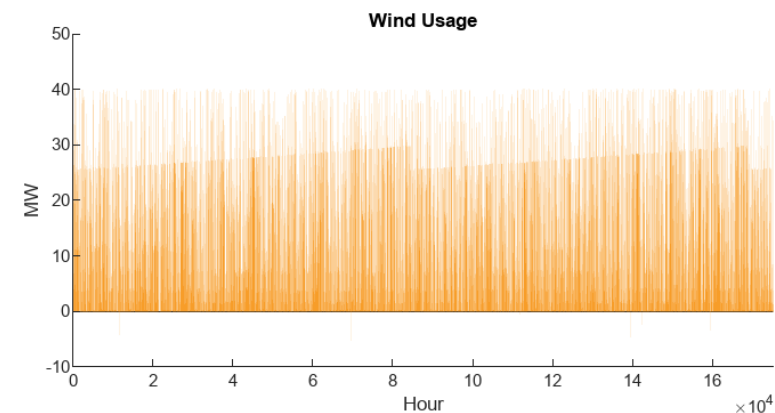
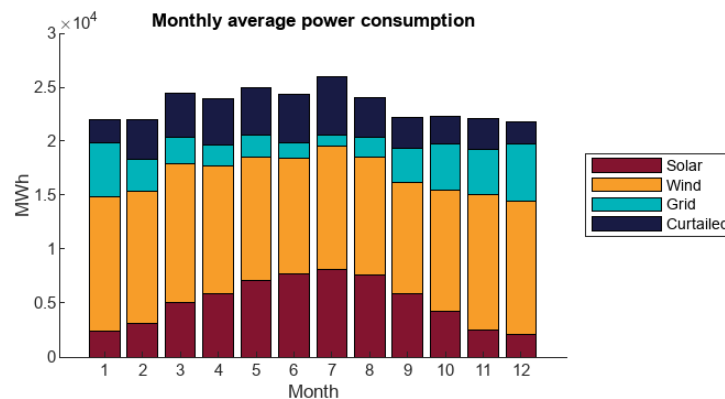
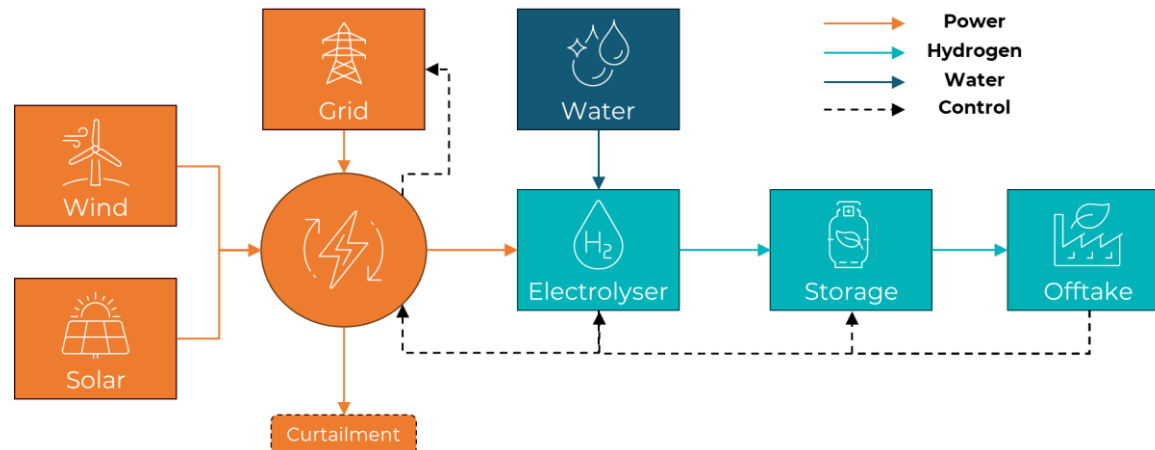
- Lowest possible LCOH
- Meet demand
- Variable renewable generation

Striking the balance

- Wind capacity
- Solar capacity
- Electrolyser size
- Storage
- Grid power

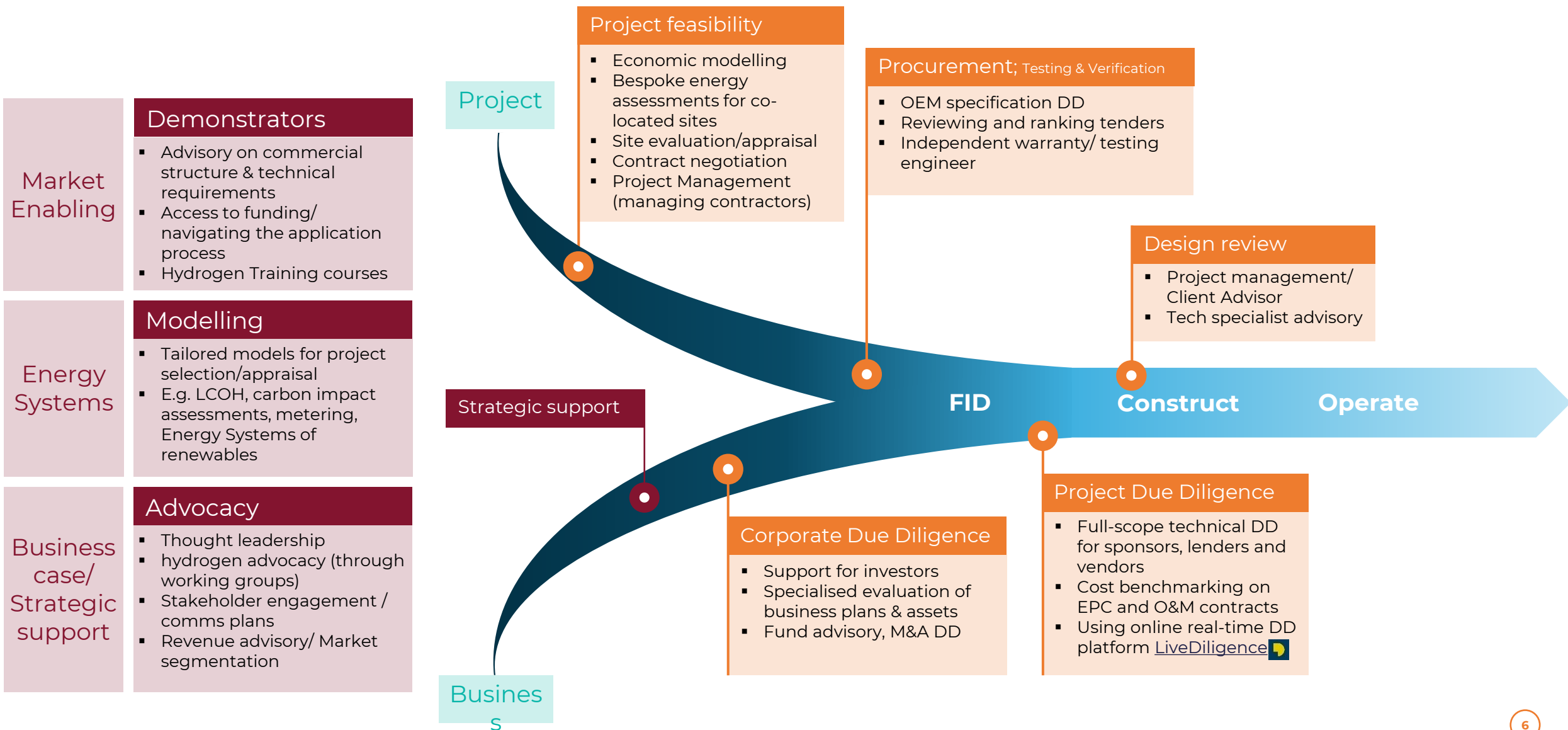
Requires

- 20+ year hourly data
- Multi-parameter optimisation using Nelder-Mead simplex algorithm
- Demand profile assumptions
- Integrated power and hydrogen modelling



	LCOH	Solar	Wind	ELY	Storage	Grid
Unoptimised	6.15 \$/kg	60 MW	60 MW	40 MW	5.0 t	40 MW
Optimised	5.35 \$/kg	48 MW	41 MW	34 MW	18.8 t	0 MW

Services for green hydrogen projects



Hydrogen Team



ALEXIA CHAPPOND

Solar Specialist/
French H2 Market
Lead



DAVID THOMASON

Process Engineer



DAVID WOODHEAD

H2 Specialist



EWAN MURRAY

H2 Business
Development
Lead



JAMIE STEWART

Energy Storage/
H2 Fuel Cell
Specialist



JAVIER JIMENEZ

Solar/ Wind
Energy H2
Integration
Specialist



NICOLAS CHOLEUR

Solar/ Energy
Systems H2
Integration
Specialist



OLIVER BRYCE

H2 Materials
Specialist/ Project
Engineer



RICH WHITING

Wind
Development/ H2
Integration Expert



SIMON BRYARS

Global H2
Markets/ Project
Development

Commercial
Advisory



Technical
Advisory



PM/ Dev.
Support



Due Diligence



Training



MAIN MARKETS



6+

Languages we work in / Countries where we deliver


6

Hydrogen working groups we actively participate in


MEMBERSHIPS




Selected case studies


Confidential Client (2023)
 Everoze provided technical due diligence for the acquisition of a minority shareholding of a project in the South of France. The project is composed by a 20 MW grid-connected electrolyser unit that will ramp up to 50 MW in a second phase




Confidential Client (2023)
 Everoze provided technical due diligence and a green hydrogen production assessment for a 40 MW electrolyser project in Iberia. The electrolyser was collocated with new solar and wind assets.



Marubeni (2021 – present)
 Everoze provides a seconded role to lead a flagship green hydrogen project in the centre of Glasgow. The project aims to deliver up to 10MW of hydrogen production that meets the UK Low Carbon Hydrogen standard. The project is located near a number of transport, industry, and peak heat/electrical load consumers, and will use first-of-a-kind electrolyser technology.



MGH (2021)
 Everoze provided technical advisory services for using an electrolyser to provide grid services. Everoze worked with an associate who specialises in ancillary services in the French market to understand the potential market value of these additional revenue streams.



Confidential client (2020)
 Everoze provided technical and commercial advisory services to a French consortium bidding to provide a green hydrogen solution to the French Alternative Energies and Atomic Energy Commission (CEA) in Grenoble. Replacing an existing hydrogen supply with a green hydrogen solution with the same hydrogen purity and reliability was a challenge. Everoze advised on the optimisation of the electrolyser capacity and operation regime to provide a robust but cost-effective solution.



NEXT STEPS

1. Contact us at H2@everoze.com to request a call to understand your needs
2. Receive a prompt proposal; *from flexible technical commercial advisory services to fixed price project DD*
3. Execute the project, *and receive tailored deliverables with added value*

We help you lead the market