



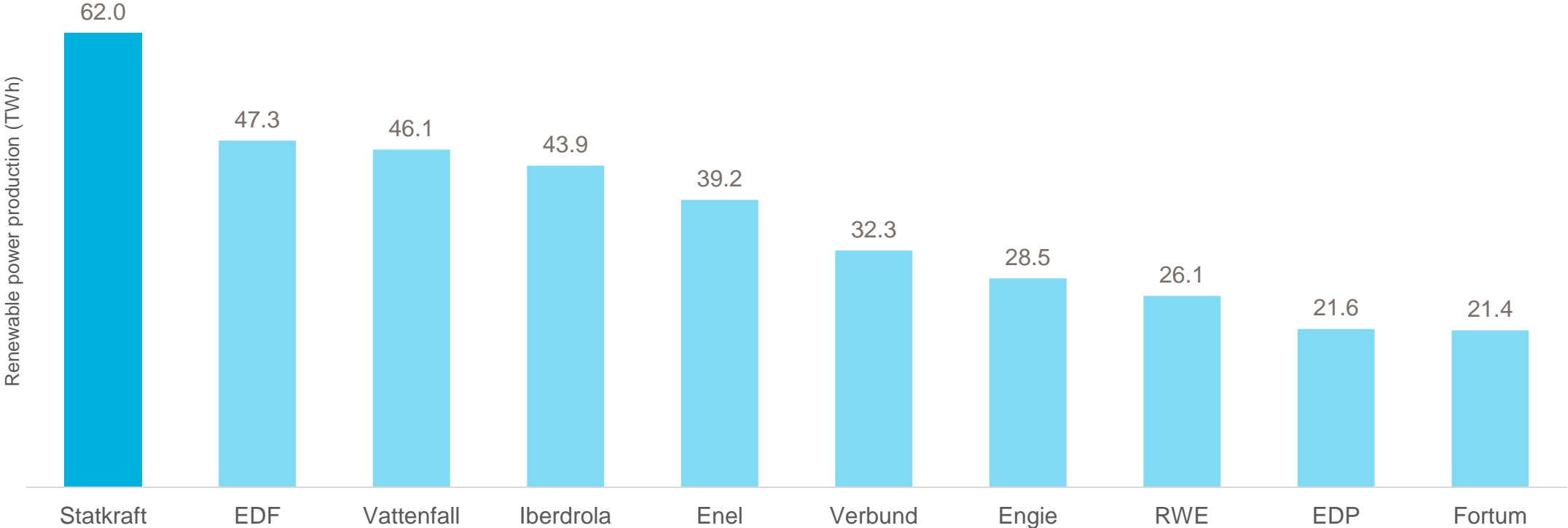
Hydrogen in Transport Conference 2024

EMILY BRADLEY
PROJECT MANAGER
UK HYDROGEN TEAM

Introduction to Statkraft

Europe's Largest Producer of Renewable Energy

Top 10 renewable power producers in Europe*



Statkraft's Global Activities

Capacity
19,421 MW
62 TWh → 97% renewable

Employees
~7,000



- Hydropower
- Wind power
- Solar power
- District heating
- Bio power
- Gas power
- Market operations

Statkraft UK in Brief



2006
Entered UK market

£1.4b
Invested in UK
renewable infrastructure

Activities include trading, onshore wind, solar, battery, green hydrogen, grid services, EV charging, C&I supply

Offices in
**London, Glasgow, Cardiff
and Aberystwyth**

550+
Employees working
across our UK operations



With expert people who
have been delivering
renewables since the start
of the industry

Our Vision



Hydrogen in Statkraft

Statkraft aims to become a leading green hydrogen player in Europe, and to establish an industrial position in selected Statkraft markets

Our role

We aim to become a leading green hydrogen player in Europe by **developing, owning, and operating** hydrogen and green fuel production

Our hydrogen target markets



Our global target

1-2 GW FID by 2035

Our UK target

500 MW FID by 2035

Our target sectors



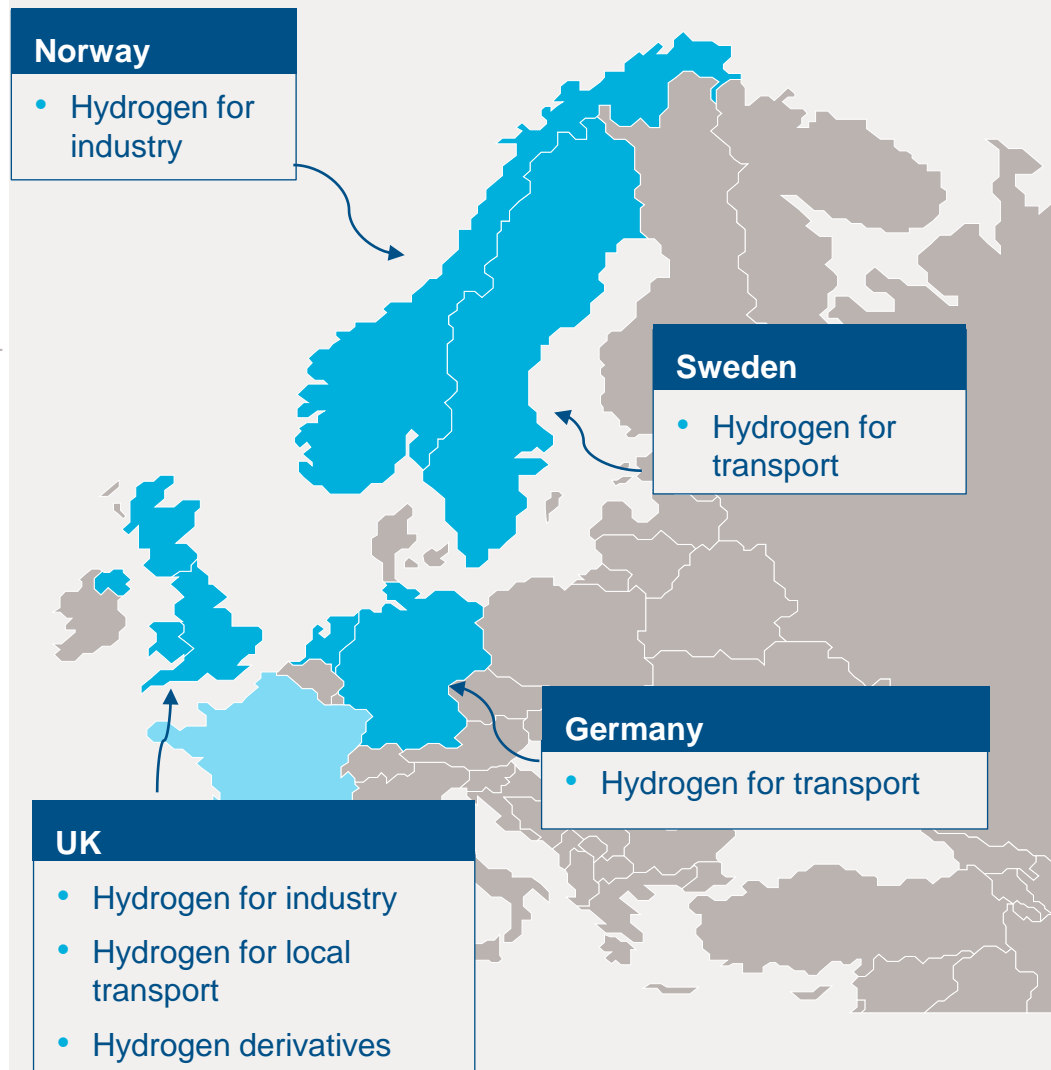
Industry



Maritime

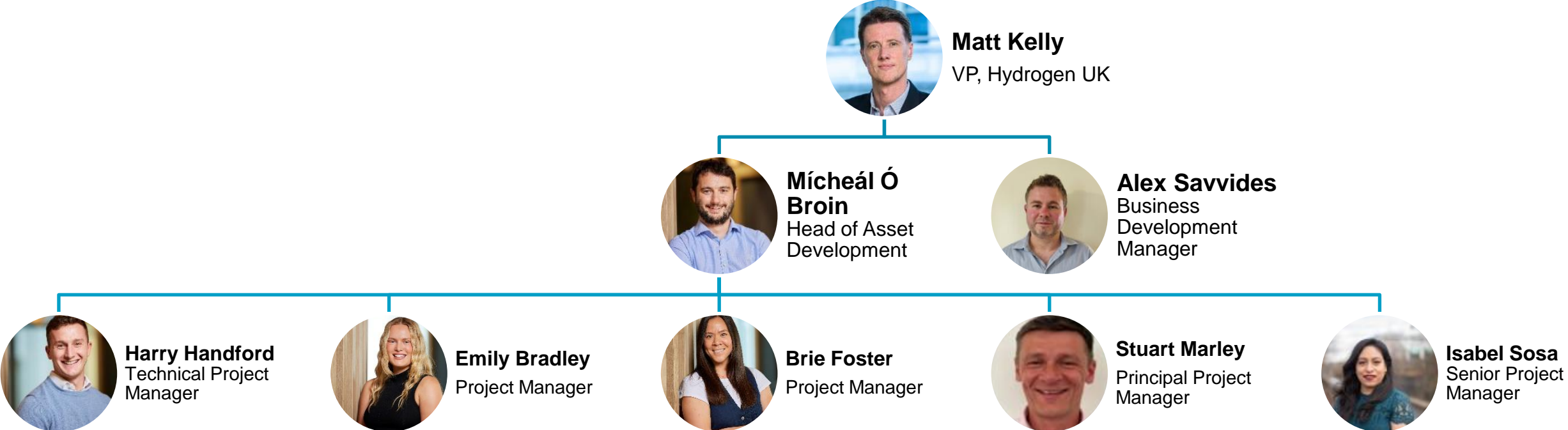


Transport



Hydrogen in Statkraft UK

Meet the UK Hydrogen Team



Green Hydrogen in the UK

In the UK we are working to deliver hydrogen for industrial gas switching, derivatives and for the mobility sector



Green hydrogen is **needed to in these hard-to-abate sectors** to allow our net zero targets to be achieved



We are open to discussing with hydrogen ready off-takers for supply from 2028



Hydrogen for Mobility

The Challenges



Competitiveness of
strike price



Securing offtake for
a 15-year term



Offtaker eligibility
(Risk Taking
Intermediaries)



Willingness for
investment by the
offtakers

H2 Emden

Green hydrogen for transport



10 MW
Electrolysis

- The traffic and transport sector accounts for around 19 percent of total greenhouse gas emissions in Germany.
- Hydrogen produced at Emden will meet the annual needs of up to 100 emission-free trucks.

2027
Planned start

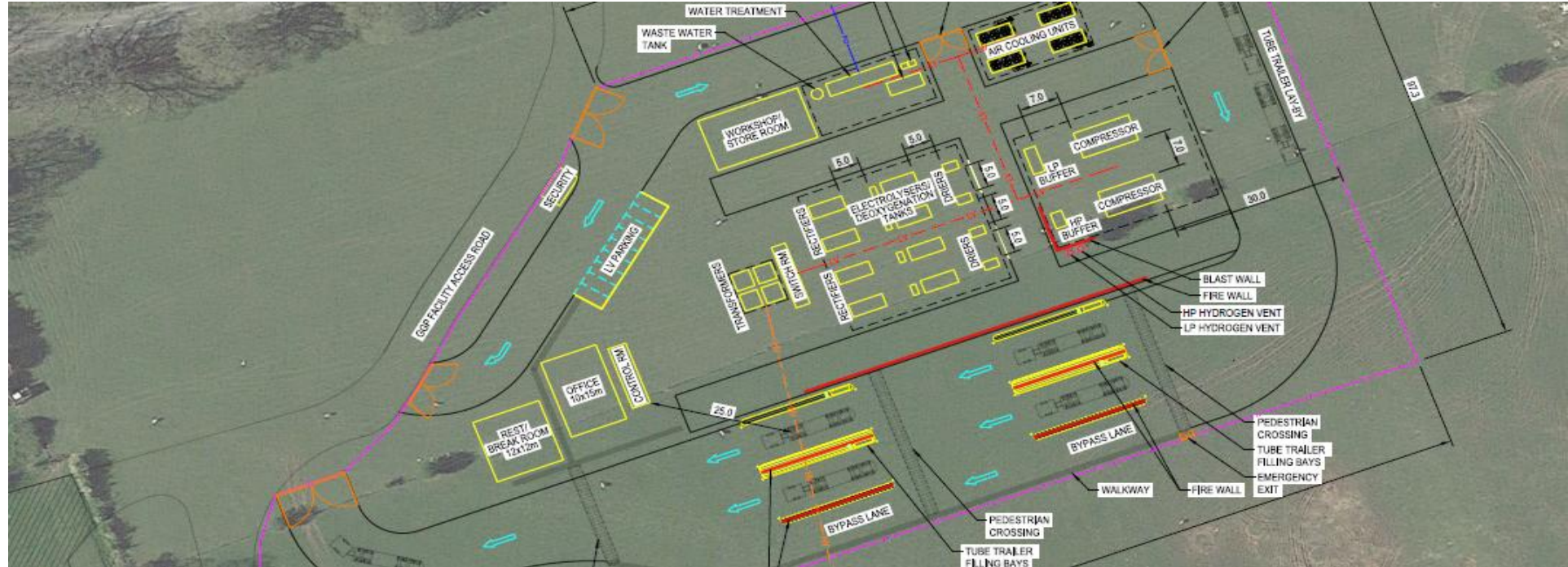
UK Mobility Project

Green hydrogen for transport



H₂

10 MW
Electrolysis



- Hydrogen production: 3-4 tonnes per day.
- Initial engineering studies underway.

2028
Planned start

Contact details



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