



Stromar development overview and supply chain opportunities

17th November 2022

Welcome to SOWEC, DeepWind and Forth & Tay Offshore ScotWind supply chain event

Ørsted, Blue Float Energy and Falck Renewables are driving the development of world-class floating offshore wind in Scotland with the 1GW Stromar project off the north-east coast of Scotland.



An **unparalleled track record in offshore wind**, having developed and built more offshore wind projects than any other company in the world



Brings its team's knowledge and experience in developing, financing and executing **floating wind projects**



Known for our pioneering approach and experience with **community ownership and engagement in Scotland** in particular

Ørsted global footprint

United States of America

- In operation: 30MW**
Under construction: 130MW
Under development: 4,842MW
- In operation: 3,013MW**
Under construction: 200MW
Under development: 252MW
- In operation: 647MW**
Under construction: 680MW
Under development: 1,156MW
- In operation: 40MW**
Under development: 520MW
- Under development: 675MW**

Denmark

- In operation: 940MW**
- In operation: our CHP plants, 2,865MW power and 3,560MW heat**
- Sales of energy**
- Under construction: 2MW**
Under development: 1300MW

Ireland

- In operation: 327MW**
Under construction: 45MW
Under development: 466/298MW

United Kingdom

- In operation: 6,233MW**
Under development: 4,000-5,000MW

In operation: 62MW
Under development: 195MW

In operation: Rescience Northwich

In operation: 20MW

Sales of energy

Under development: 101MW

Spain

Sweden

- Sales of energy**
- Under development: 3,000MW**
- Under development: 70MW**

Poland

- Under development: 2,500MW**

Germany

- In operation: 1,346MW**
Under construction: 1,166MW
- In operation: 22MW**
- Under construction: 10MW**
- Sales of energy**
- Under development: 2700MW**

France

- In operation: 34MW**
- In operation: 4MW**

Japan

South Korea

- Under development: 1,600MW**

Taiwan

- In operation: 128MW**
Under construction: 900MW
Under development: 6,590MW

Vietnam

The Netherlands

- In operation: 752MW**
- Under development: 1100MW**

Activities

- Offshore wind
- Onshore wind
- Solar
- Biomass-fired power plant
- Fossil-fueled power plant
- Renewable fuels
- Bio plant
- Storage
- Sales of energy

Status

- In operation
- Under construction
- Under development

Ørsted UK supply chain

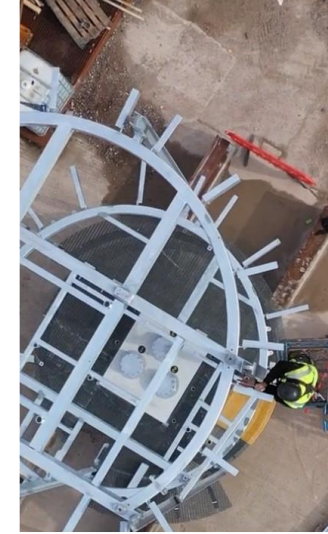
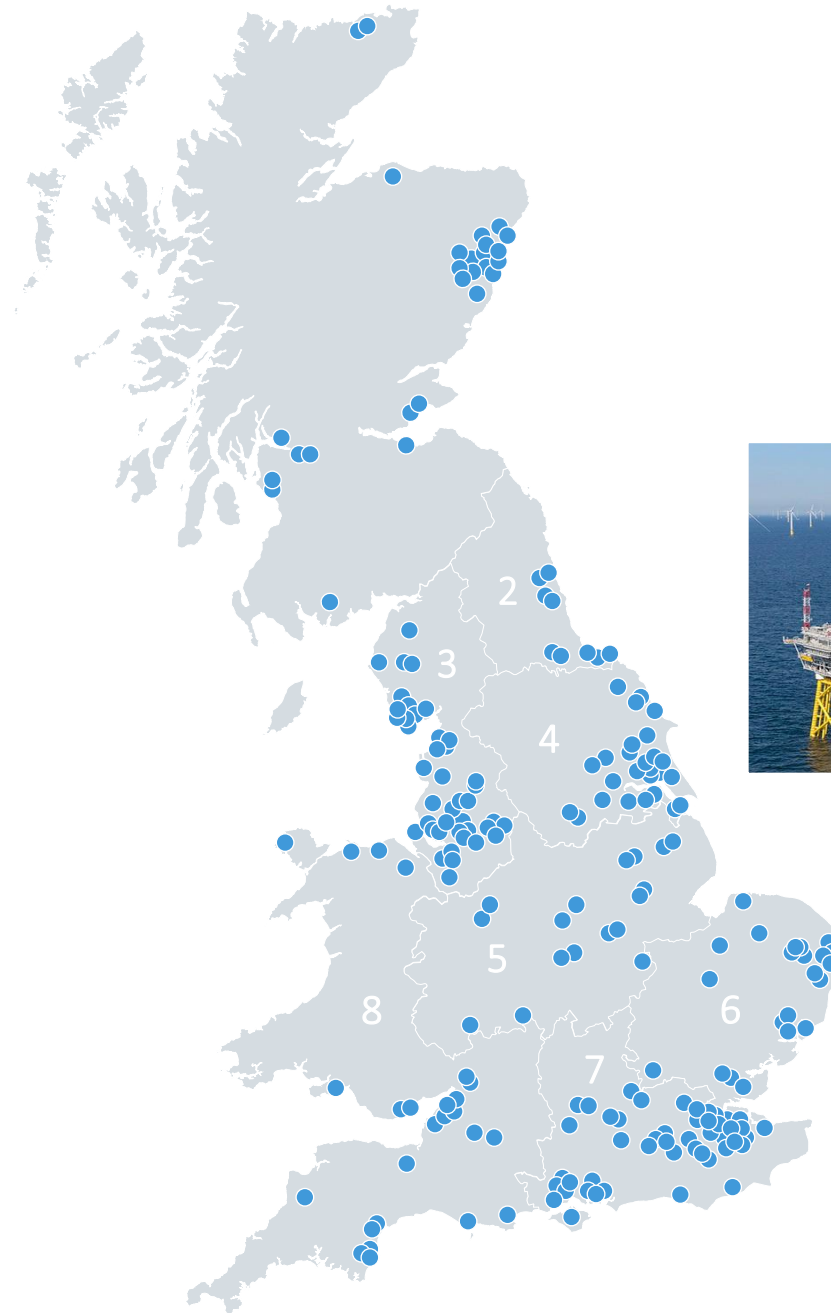
A sustainable and competitive UK supply chain supporting our offshore wind farm projects in the UK and around the world

200+

Major contracts placed directly with UK suppliers

45+

UK suppliers have supported our global portfolio to date



STROMAR



UK suppliers working with us globally

45+ UK suppliers have supported our global portfolio, including:



Denmark



Germany



Netherlands



Taiwan



USA

UK supply chain export strengths include:



Cable protection systems



Engineering consultancy



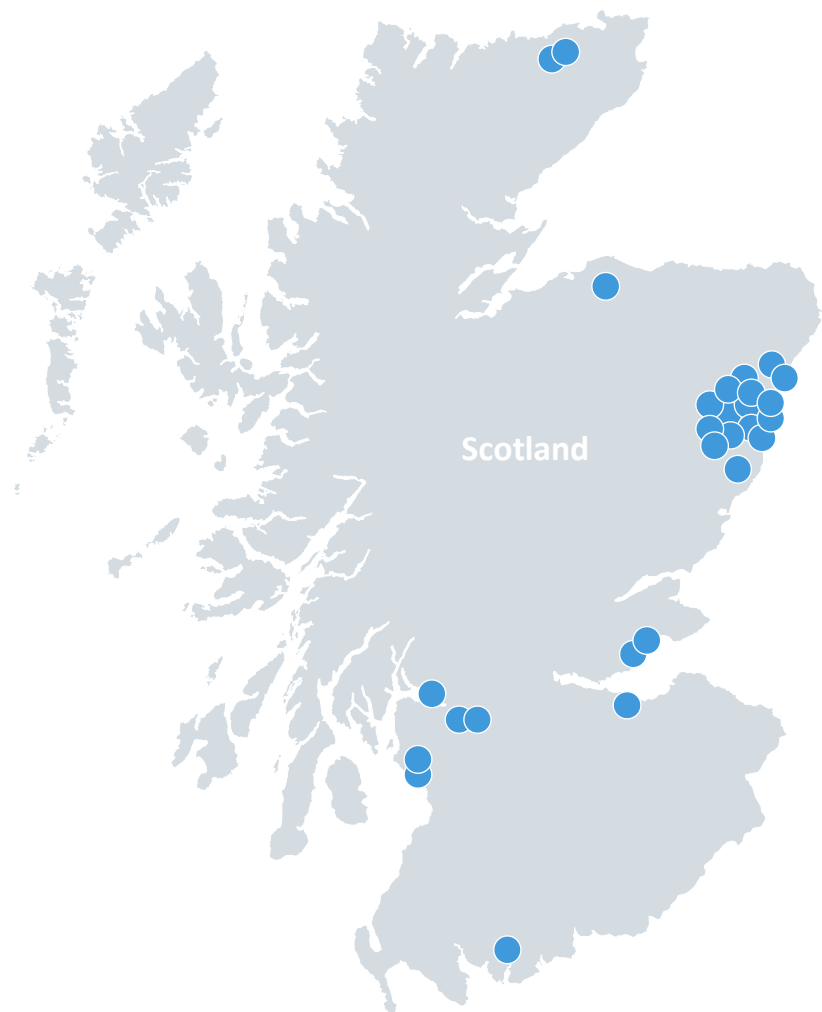
Site investigations & surveys



Operations services



Scottish suppliers to our portfolio



27 Major contracts placed directly with Scottish suppliers

10 Scottish suppliers have supported our global portfolio

Scottish supply chain strengths include:

Site investigations

Operations & maintenance

Project Parameters

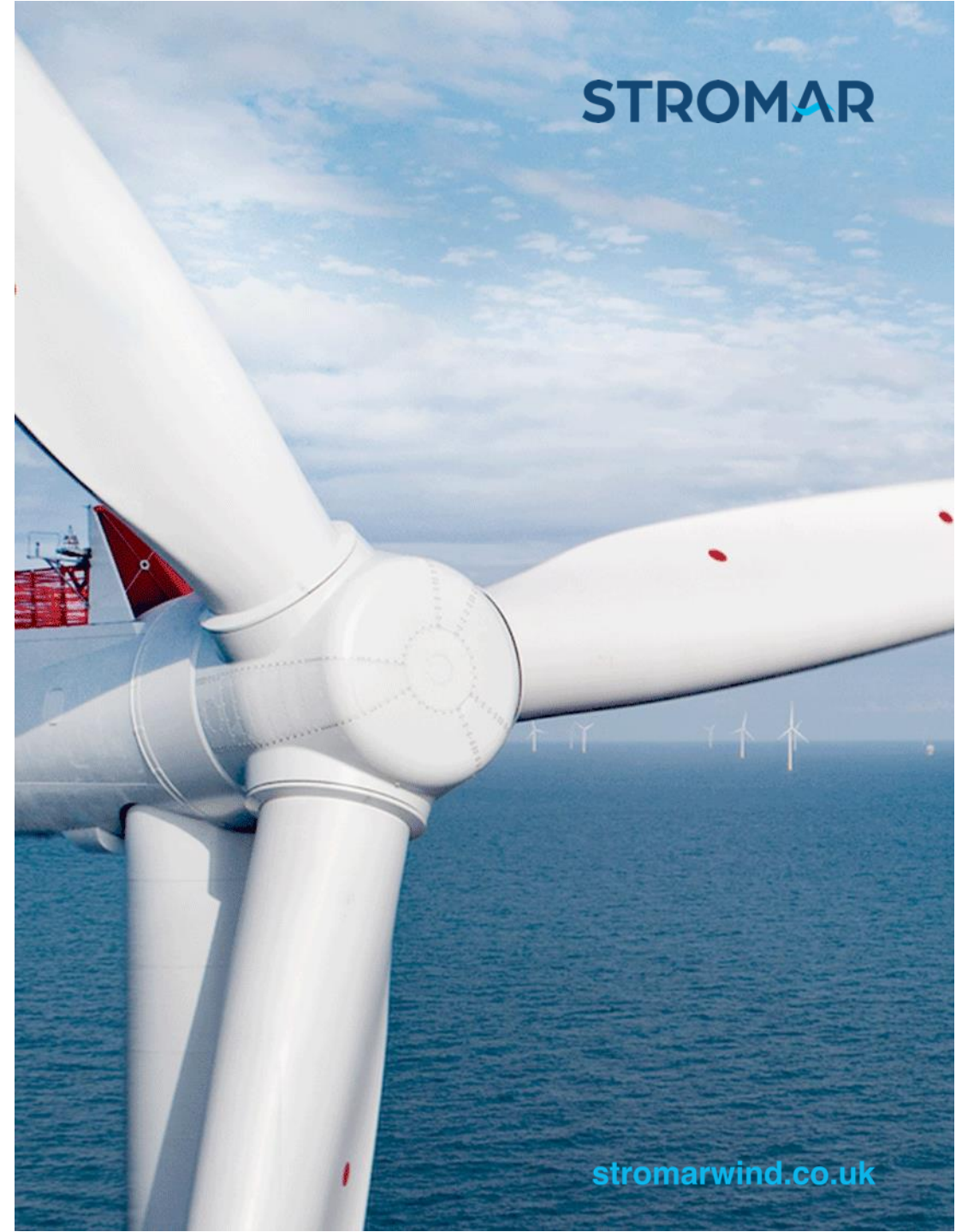
1,000 MW floating offshore wind farm

- Area NE3 as identified by Sectorial Marine Plan
- Option Area was awarded within ScotWind leasing round
- Located off the coast of Caithness, around 50 km east of Wick
- Stromar has a site area of approximately 256 km²
- Water depth between 60 and 100 metres
- Floating foundations, type TBC
- Project will include anchors, mooring systems and dynamic array cables
- Currently focussed on early stage development activities such as consenting and technical survey procurement.
- HVAC transmission system to New Deer 2*

* subject to change once we get the results of the HND

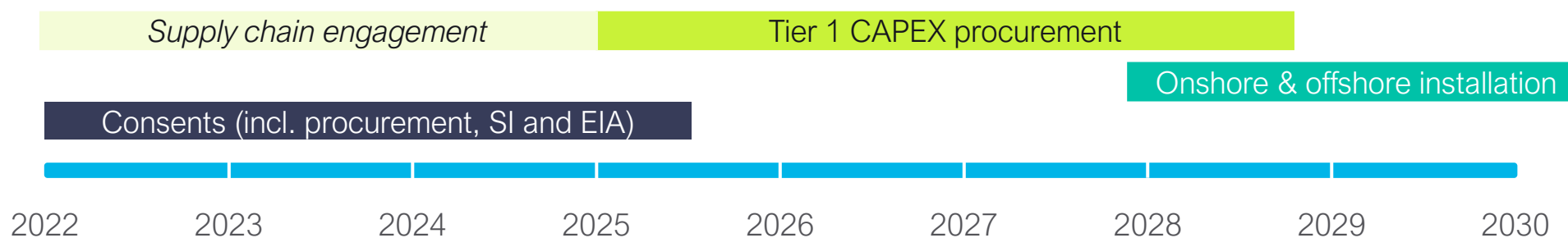
Our proposals to maximise the value of offshore wind to Scotland

1. Inclusion of genuine community involvement and ownership for the first time ever in an offshore wind development
2. We are committed to maximising the local supply chain and creating jobs within Scotland wherever it benefits the project
3. We plan to work with local and national agencies to train and upskill the workforce by formulating specific enterprise and skill development programs
4. Our floating wind project is a unique opportunity for Scotland to become a global technology and manufacturing hub
5. Our collaborative team has the skills and experience to deliver large scale floating projects
6. Explore avenues for 'nature positive' impact throughout the project



Indicative project timeline

- We are currently conducting early stage development activities on the Stromar project.
- We anticipate Tier 1 contracts tendering in 24/25, contract award in 26/27.



Project schedule is indicative only and is subject to change

Current project activities



Supply Chain events



Concept / feasibility studies



Community ownership



Active participants in the development of the Strategic Investment Model



Procurement for SI / EIA works



Stromar – Supply chain opportunities



Supply chain opportunities within the next 12-18 months

We are actively engaging with the supply chain to identify potential project partners. Current opportunities are associated with our [Environmental Impact Assessment \(EIA\)](#) and [offshore technical survey](#) workstreams representing the near term engagement for the Stromar project.



Floating offshore wind presents a unique opportunity for the Scottish and UK supply chain.

There are still many challenges associated with the construction and operation of floating farms, new solutions are required and the supply chain holds the answers. Scottish and UK suppliers should look to understand these challenges, develop new solutions and capitalise on the opportunities. We are keen to engage with suppliers



Industry support is available for suppliers who need help in navigating the market.

Organisations like the OWGP promote closer collaboration across the supply chain, implement structured productivity improvement programmes and facilitate shared growth opportunities between developers and the supply chain. Their work has already influenced many SMEs in achieving their goals in the offshore wind sector.

The offshore wind supply chain – how to work in the sector

Know your customer



Understand the market conditions



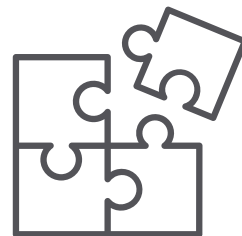
Utilise your network



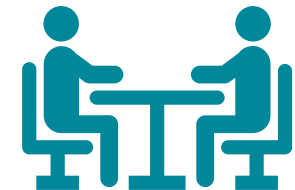
Know your product



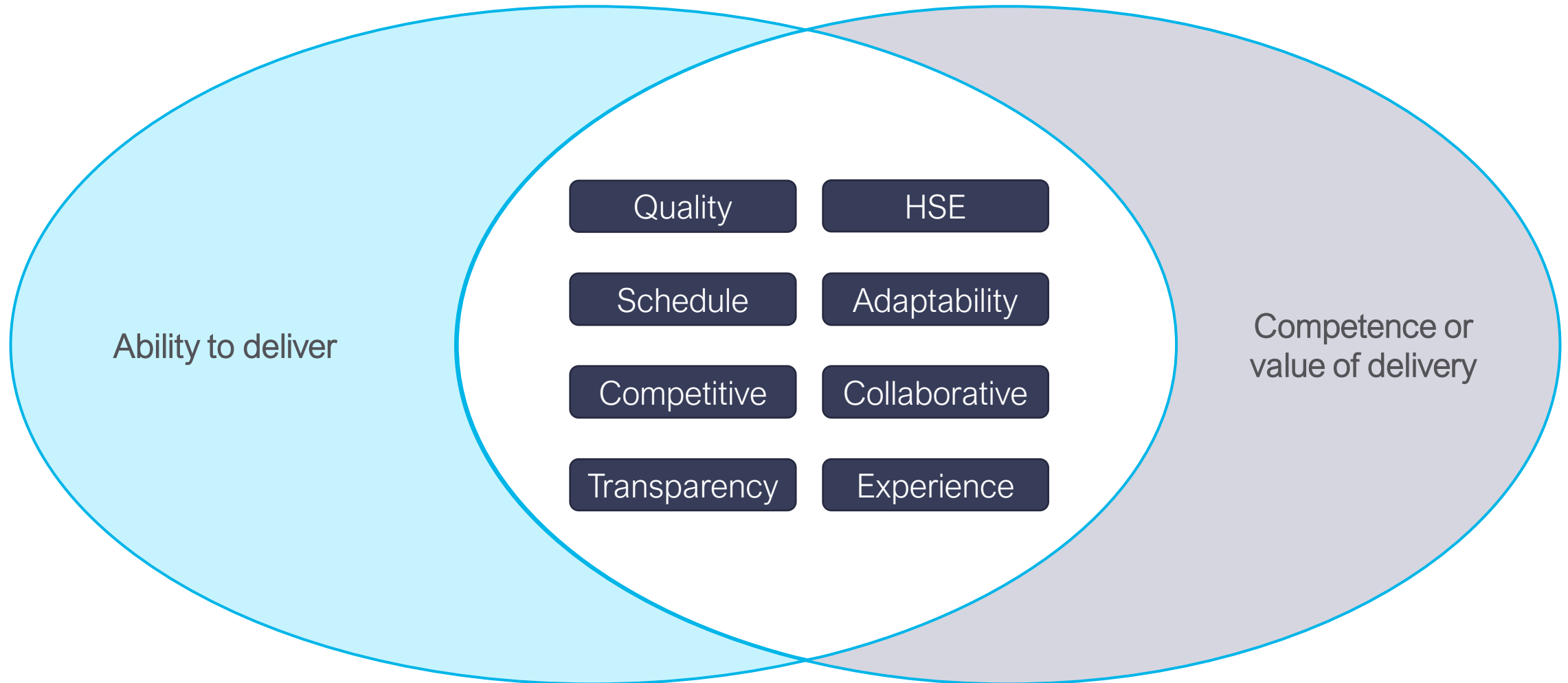
Work on solutions



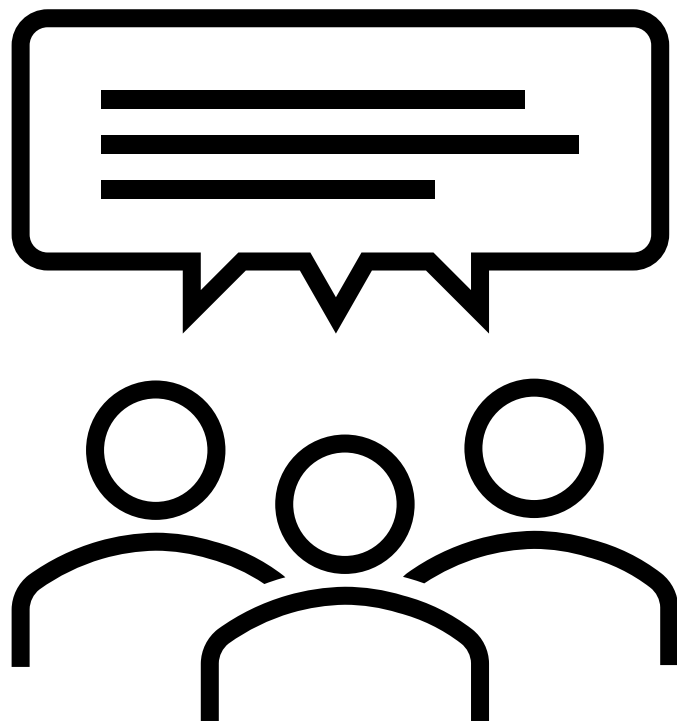
Engage



What do we look for with supply chain partners?



Questions & Answers



Nicholas Richie
Project Development Director
Stromar

Julian Das
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Stromar