



# Sørlige Nordsjø II – 1.5 GW offshore wind farm

Kristiansand 4-5 June 2024

The logo for SEA BREEZE, with the words in a blue, sans-serif font. The word 'SEA' is above 'BREEZE', and there are wavy lines underneath 'BREEZE'.

SEA  
BREEZE

The logo for northseawind conference, with 'northseawind' in white and 'conference' in green, all on a black background.

northseawind  
c o n f e r e n c e

# VENTYR



Ventyr is a complementary alliance composed out of **Parkwind** and **Ingka Investments**, with **NorSea Group** as strategic supplier, ready to jump start Norway's offshore wind industry.

<https://ventyrenergy.com/>





Parkwind bringing extensive knowledge and competences through ten years of experience in developing, financing, constructing and operating offshore wind farms in the European market.

A **unique** green energy partner

**Committed** and **responsible** to build a **sustainable future**

**Entrepreneurship** driven by **passion** and **culture**



Ingka Investments bringing financial resources, commitment to sustainability, and expertise in stakeholder management.

**Invest** in **future** generations

**Diversified** renewable energy **portfolio** including **offshore wind**

**Strategically** focus on offshore wind investments as strategic direction and key enabler for the transition



NorSea bringing experience in port services, base and logistics solutions and being an established and reputed local employer with a history of local value creation.

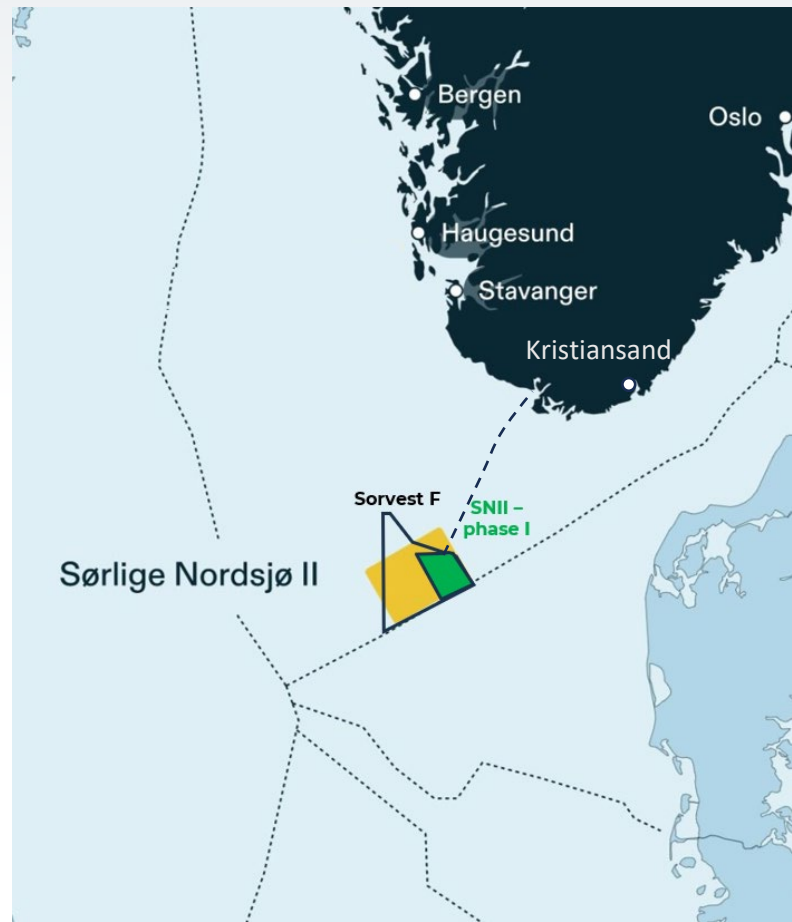
Owner of **strategic port infrastructure**

Built an **ever-increasing** business within **renewable industries**

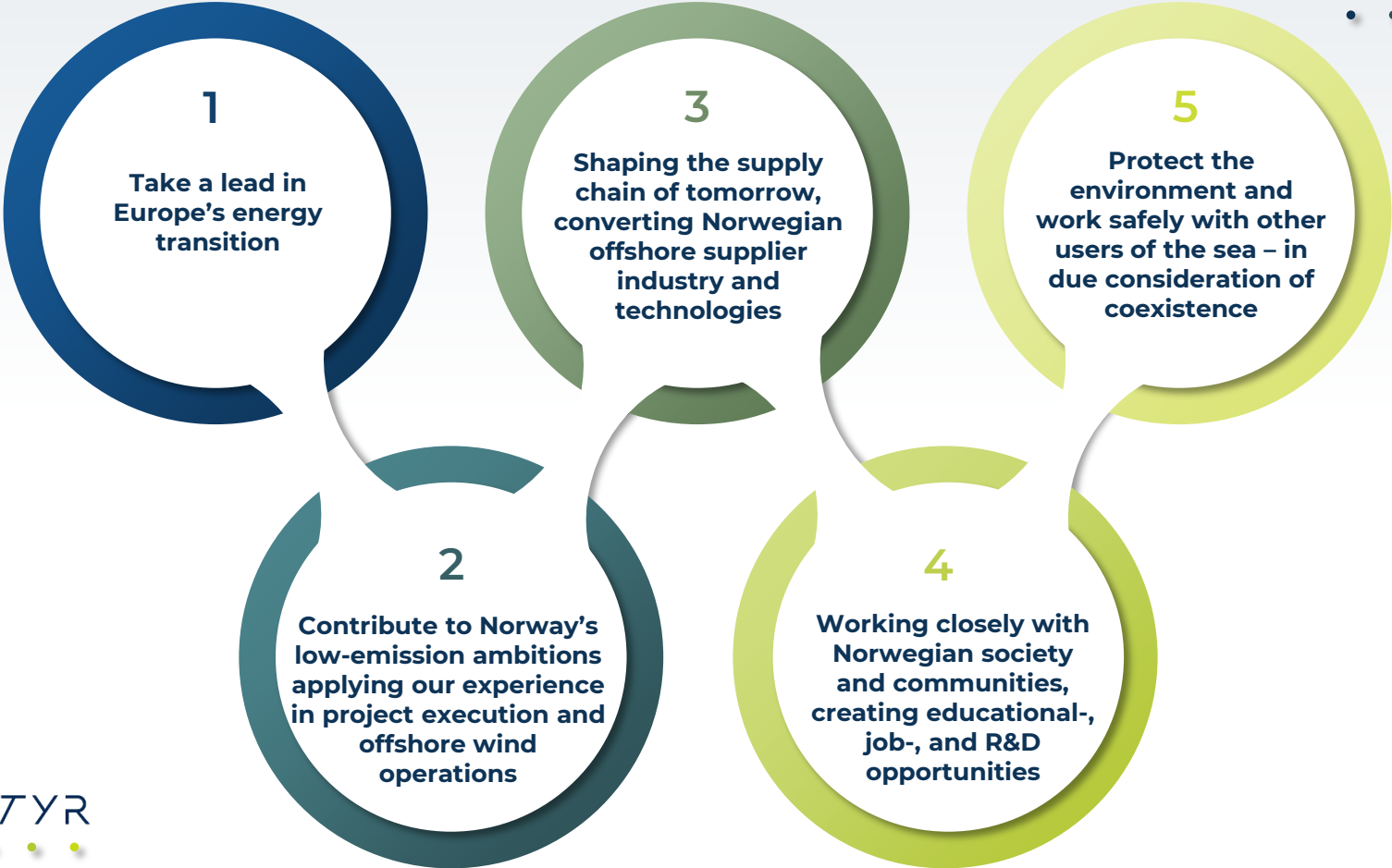
Innovative and **customer focused logistics supplier**

## Details of Sørlige Nordsjø II windfarm

SN II – Phase I	
Capacity	1,500 MW
Size (km <sup>2</sup> )	520 km <sup>2</sup>
Distance to shore	200 km (within Norwegian EEZ)
Waterdepth	Average of 60m water depth across the site
Connection to land	Windfarm to be connected to an onshore High Voltage substation
Lifetime	>25 years in operation
Power generation	Over 500.000 Norwegian households will be energized



# Develop Norwegian offshore wind based on strong principles



## Working closely with Norwegian industry and developing technology

- Consenting and Survey activities
- Construction and Service Operation Vessels
- Engineering and fabrication activities etc.
- Various offshore logistical services as well as onshore indirect support services
- Local offices and representation
- Harbour and marine coordination operations
- Crewing and supplies, cleaning service & waste handling etc.





# Developing skills, working closely with Norwegian community

Offshore Wind 4 Kids  
(OW4K) day  
at the Sola Beach

Research collaboration and  
knowledge sharing within  
offshore wind

Energy Innovation Training  
center that offers courses and  
education in offshore wind



## Signerte banebrytende kontrakt

Under ONS signerte NorSea en banebrytende avtale med fire universiteter i Belgia og Norge - og våre samarbeidspartnere i belgiske Parkwind. Et utrolig viktig samarbeid, sier den belgiske statsministeren, som var til stede da avtalen ble inngått.



## Reference projects

### 2010 Belwind

165 MW  
47 KM from shore  
Between 18 -31mts  
depth  
55 turbines / 3MW  
Powers 170,000  
households

### 2014 Northwind

216 MW  
37 KM from shore  
Between 16 -29mts  
depth  
72 Turbines/ 3MW  
Powers 220,000  
households

### 2017 Nobelwind

165 MW  
47 KM from shore  
Between 25 -38mts  
depth  
50 Turbines / 3,3MW  
Powers 170,000  
households

### 2017 Oriel Windfarm

Acquisition Oriel  
North Irish sea  
+/- 330 MW  
15 KM from shore  
Between 15 -30mts  
depth  
Under development

### 2020 Northwester 2

219 MW  
47 KM from shore  
Approximately 35mts  
depth  
23 Turbines / 9.5MW  
Powers 220,000  
households

### 2023 Arcadis Ost 1

257 MW  
Baltic Sea  
Up to 45mts depth  
27 Turbines / 9.5 MW  
Powers 290,000  
households

### 2023 Formosa 2

376 MW  
Between 4 – 10 km from  
shore  
47 Turbines / 8 MW  
Powers 380,000  
households





# Leveraging our joint experience

Know-how across the full project value chain

## 1 DEVELOPMENT



More than 10 years of experience in project development.

## 2 FINANCING



Lasting relationships with financial institutions.

## 3 CONSTRUCTION



Supplier relationships & supply chain knowledge.

## 4 O&M

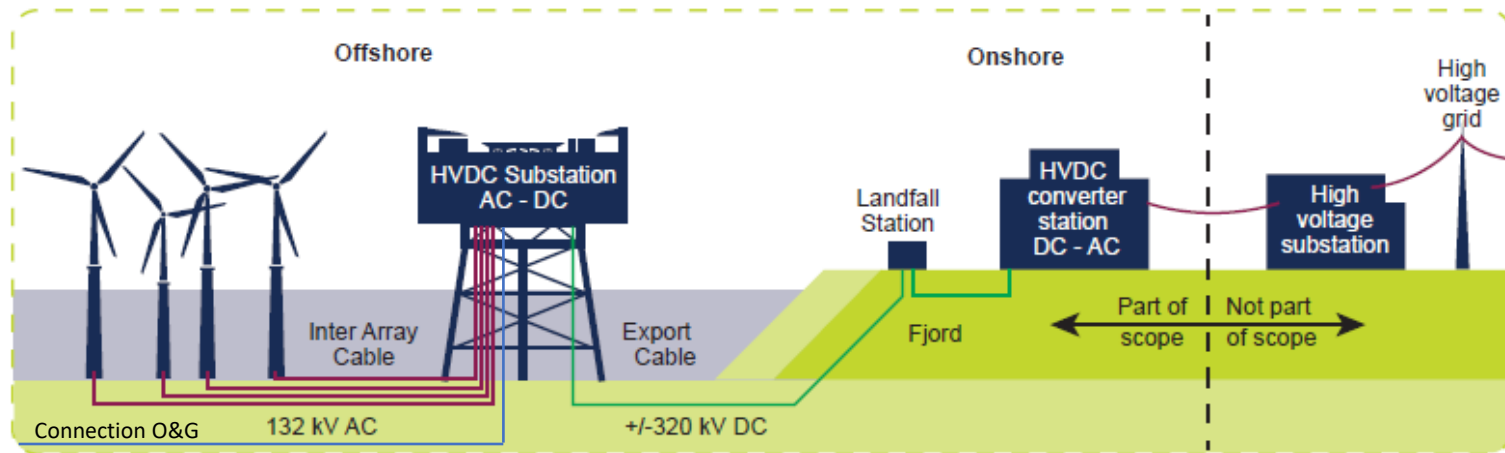


More than 10 years of Operations & Maintenance expertise.

## 5 DECOMMISSIONING



## Our project concept for Sørilige Nordsjø II from offshore to onshore



2024 2025 2026 2027 2028 2029 2030 2031

VENTYR

Project award

Impact assessment incl. site surveys

Application for license

Approval of detailed plan

Conclusion of agreements with suppliers

Final investment decision



# Consenting

As part of Ventyr licensing track, a notification with impact assessment programme has been submitted to NVE within 6 weeks after award and has been published on NVE.no website end May 2024.

The notification consists of two distinct documents, one for the offshore wind farm, and one for the onshore network connection.

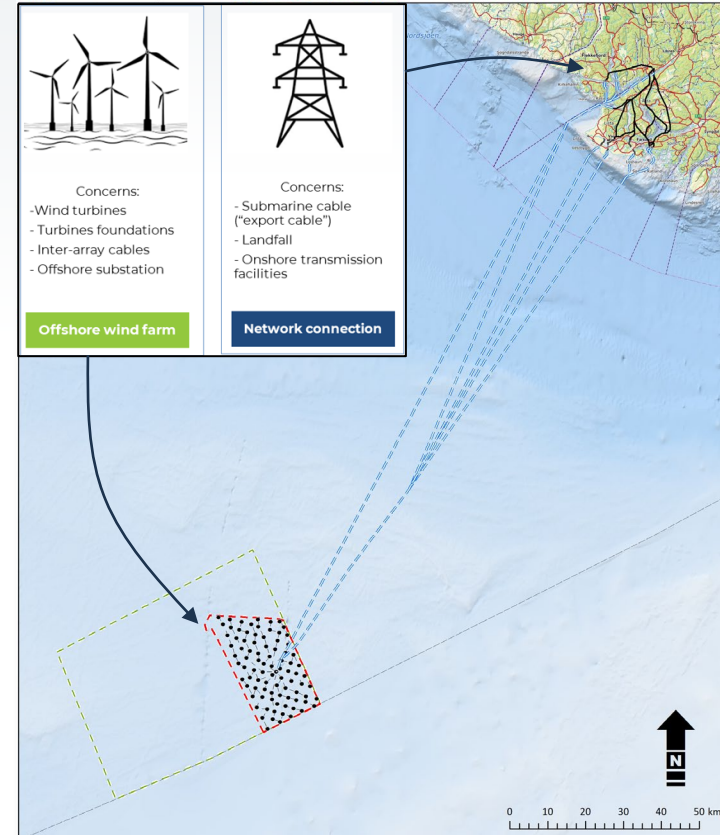
The next step will be organizing local hearings, in August 2024.



## NVE submits proposal for study programme for Sørilige Nordsjø II for consultation

Published 31.05.2024

The Norwegian Water Resources and Energy Directorate (NVE) has received notification from the company Ventyr about an offshore wind farm in the offshore wind area Sørilige Nordsjø II. The plant will be connected to the power grid on land, and will affect four municipalities in Agder county.



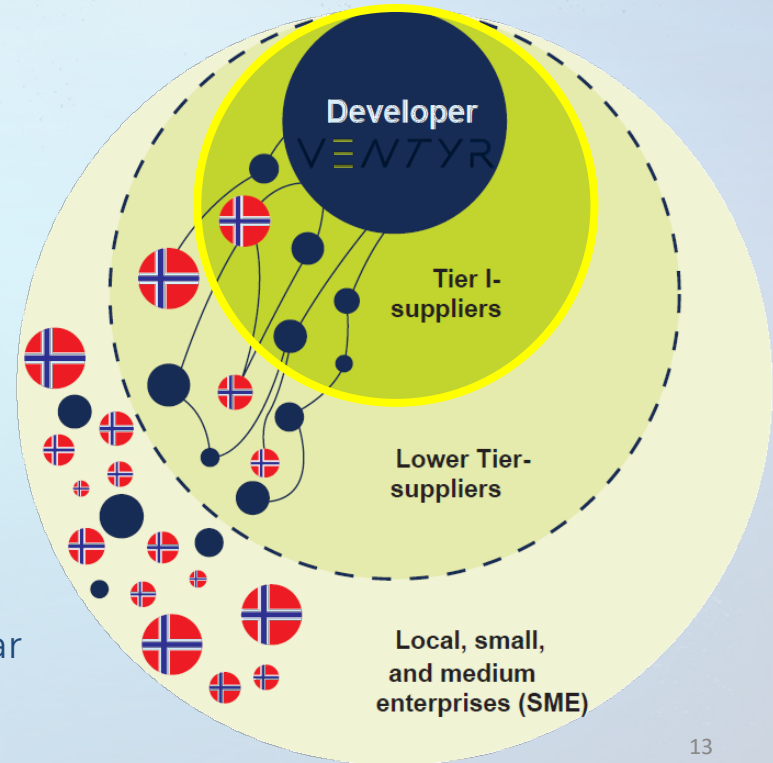
# Procurement

Currently focusing on finding **Tier 1 fabricators and installation contractors**

We aim for **maximum value creation** for all selected suppliers

At the right time, with **mutual understanding** of scope, risk and price

Contacts to be established and maintained during **ONS** and local **supplier event** later this year







VENTYR

Expanding Norway's offshore wind horizons