

Value of cluster
membership to maximise
impact





Norwegian Offshore Wind AS



Cluster



METCentre



NOW
Accelerator



Floating Wind
Days



Norwegian Offshore Wind – Supply chain

Offshore Wind Developers						
	EPCI					
Development & engineering	Turbine supply	Balance of plant	Installation & commissioning	Operation & maintenance	Life time extension & decommissioning	Ecosystem
Site investigation and surveys	Marshalling yards	Turbine foundations	Turbine installation	Maintenance services	Life time extension	Law
Design and engineering	Turbine logistics	Assembly yards	Foundation installation	Inspection services	Decommissioning	Finance
Project management	Drive chain	Electrical cables	Offshore and onshore cable installation	Vessels		Marketing
Consenting and development services	Power conversions and supplies to the turbine	Electrical systems	Offshore and onshore substation installation	O & M ports		Digitalisation and systems
		HVAC/HVDC/ Substations	Installation port	Training and certification		Universities and research institutions
		Secondary steel work	Installation logistics	Monitoring		Government and other public institutions
		Mooring	Commissioning			
		Equipment for foundation and transition piece				

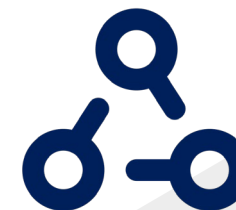
**We develop world leading supply
chains within offshore wind**



Markets



Innovation



Supply chain

Market working groups



UK & Ireland

Alfred Risan
MRC Global



Norway

Knut Vassbotn
Deep Wind Offshore



Italy

Saverio Ventrelli
Siemens Energy



Spain & Portugal

Einar Tollaksvik
Vestervind Contractors



France

Tore Hafte Staalesen
RTS



South Korea

Hans A. Hansen
Fred. Olsen Windcarrier



Japan

Gunnar Birkeland
Source Galileo



US & Canada

Gunhild Myhr
TGS



Sweden

Stein Erik Skilhagen
Norconsult AS



Poland & The Baltics

Christian Vinstrup
Offshore Wind Partners



Greece

Gunnar Birkeland
Source Galileo

Supply chain working groups



HSE & Regulations

Anne Mork
Proactima



Finance

Andreas Østern
DNB



Contracts

Jørn Uggerud
Hjort



Digitalization & Simulation

Magne Berg
DNV



Ports & Infrastructure

Turid Storhaug
Windport AS



Nature Positive Offshore Wind

Solrun Figenschau Skjellum
NIVA

Markets



Norway's goal:
30 GW by 2040

Offshore wind parks

Floating : Utsira Nord

1,5 GW

3 areas, each 500 MW

Power cable to Norway only

Bottom fixed : Southern North Sea II

1,5 GW

1 area

Power cable to Norway only

Auction winner : Ventyr (Parkwind and Ingka Investments)



Electrification projects

Hywind Tampen

11 turbines

88 MW

Owners : Equinor (operator), Petoro , OMV, Vår Energi,
Wintershall Dea og INPEX Idemitsu Norge AS.

In operation from 2023

GoliatVIND

75 MW

5 turbines

Partners: Odfjell , Oceanwind , Source Galileo Norge, Kansai,
ENEOS Renewable Energy

Granted 2 billion NOK from Enova

Applied for concession in 2023



New potential areas in Norway

75 percent floating

Ongoing strategic impact assessments

Next offshore wind tenders for applications : 2025





SPAIN



SWEDEN



JAPAN



PORTUGAL



DENMARK



USA



FRANCE



SOUTH KOREA



GERMANY



POLAND



UK



IRELAND



ITALY



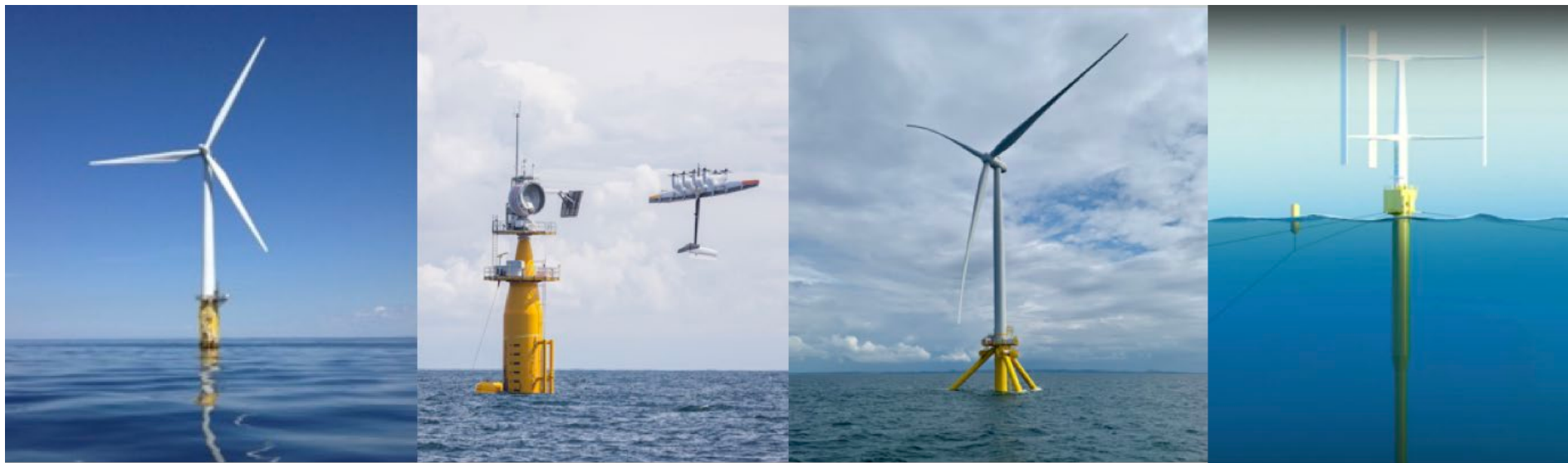
BALTICS

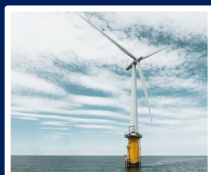
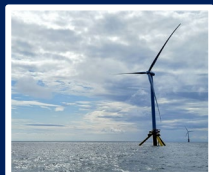


GREECE

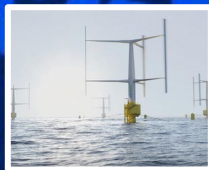
Innovation







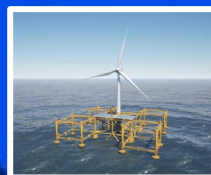
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- Reserved
- TetraSpar
- Zefyros
- Available
- Reserved



SeaTwirl



World Wide Wind



Flex2Power



Stavanger



Mandal

Platform for the startups to join the challenges

<https://nowaccelerator.community.wazoku.com/home> -page



New Challenges - Launching at Floating Wind Days



Maximizing Economic Value and Operational Efficiency in Floating Offshore Wind Energy Production

Please note that you must be logged in and registered to contribute solutions to this Challenge.

CHALLENGE OVERVIEW

Vattenfall, in strategic partnership with Seagust, announces a challenge through the NOW Accelerator program to enhance the economic efficiency of floating offshore wind production. This challenge

Submission - 77 days ...



Offshore wind environmental impact monitoring - better measurement for better management of Noise,...

Please note that you must be logged in and registered to contribute solutions to this Challenge.

CHALLENGE OVERVIEW

Nordvegen Vind, partnership between Corio Generation and Å Energi, presents a focused challenge through the NOW Accelerator program to develop innovative monitoring technologies for

Submission - 77 days ...



Developing efficient and safe drilling techniques for the installation of wind turbine anchors in hard rock...

Please note that you must be logged in and registered to contribute solutions to this Challenge.

CHALLENGE OVERVIEW

Deep Wind Offshore is tackling a pivotal challenge within the offshore wind industry – developing efficient and safe drilling techniques for the installation of wind turbine anchors in hard rock

Submission - 77 days ...



How can we ensure continued use of floating wind substructures?

Please note that you must be logged in and registered to contribute solutions to this Challenge.

CHALLENGE OVERVIEW

About the seeker

Equinor has a long history in the energy sector, with 50 years of experience in oil and gas and over 20 years in offshore wind. This unique combination of expertise

Submission - 77 days ...

Recent Challenges



Advancing Floating Offshore Wind Mooring & Dynamic Cable Infrastructure for Sustainable Offshor...

Please note that you must be logged in and registered to contribute solutions to this Challenge.

We will be running a webinar at 1pm CET on Friday 26th April 2024. You can join [here](#).

Overview:

As the global energy landscape undergoes a transformation towards lower-carbon solutions and

Winners Announced

[View Solutions](#)



Call for Low Noise Underwater Survey Technologies

Please note that you must be logged in and registered to contribute solutions to this Challenge.

To watch a recap of the Launch Webinar, please [click here](#).

CHALLENGE OVERVIEW

Orsted, a pioneer in green energy solutions, is addressing an environmental and operational challenge associated with the development of offshore wind farms. Please [click here](#) to learn more.

Winners Announced

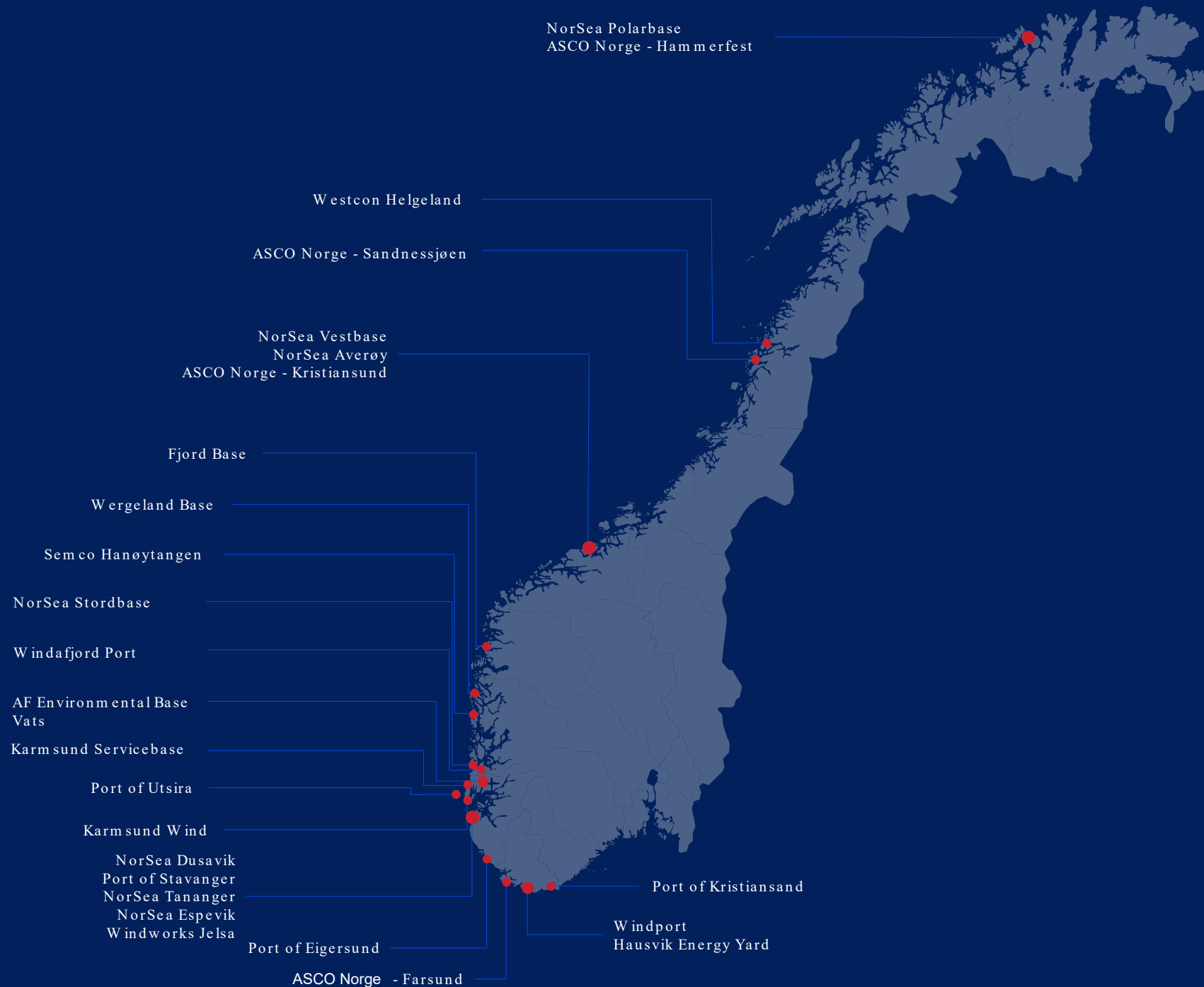
[View Solutions](#)

Supply chain





Norwegian Offshore Wind



Tue
29th



Havvindkonferansen 2024

Tuesday 29th October
10:00 - 17:00

📍 Oslo

[Read more](#)

Den årlige Havvindkonferansen samler den norske havvindbransjen i Oslo hver høst. På få år har den etablert seg som en av de viktigste møteplassene for det norske hjemmemarkedet.

Thu
12th



Boostcamp Norway

Thursday 12th December
10:00 - 17:00

📍 TBC

[Read more](#)

Boostcamp Norway is a new concept offering a one-day workshop to NOW members from both Norway and from international markets.

Tue
14th



Cluster Meeting 2025

January 14 – January 15

📍 Stavanger

[Read more](#)

We invite all of our 400 member companies to kickstart the year with our annual Cluster Meeting in Stavanger.

Nicolas Taburel, EDF
Siri Espedal Kindem, Equinor
Thomas Brostrøm, Shell

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Siri Espedal Kindem, Equinor
Thomas Brostrøm, Shell

Thomas Brostrøm, Shell

