

Velkommen – vi starter snart

- Praktisk informasjon
 - Din mikrofon og kamera vil være avslått under hele webinar
 - Spørsmål kan stilles fortløpende via Q&A funksjon eller chat
 - Foredragsholdere vil svare på spørsmål etter hvert foredrag
 - Du kan endre visningsoppsett i menyen
 - Beveger du musepekeren din får du opp menylinje på bunnen av skjermen



Muligheter – Marine Mineraler

Regjeringen har nettopp annonsert en dobling i tildeling av midler til kartlegging av marine mineraler. Vi inviterer til webinar der du får lære mer om hva som blir gjort og hvilke muligheter sentrale aktører ser for seg. Lovverket for marine mineraler er nå under ferdigstilling internasjonalt og rammene for norsk lovverk er på plass. De to siste årene har det vært gjennomført tokt for

11. June 2020, 10:00 - 11:15
WEBINAR

11
JUN



Muligheter Marine Mineraler

Jon Oddvar Hellevang ■ ■ ■ ■ ■ SENIOR OCEAN TECHNOLOGY INNOVATOR

GCE Ocean Technology



PARTNERS

Industry



R&D



Development Contributors



Higher Education Institutions



MEMBERS



Supported by



Cluster Relations

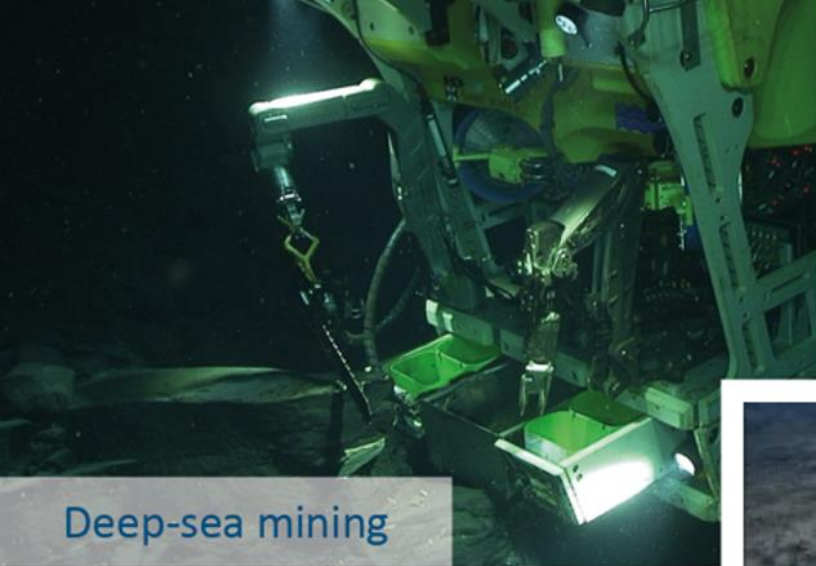


National Relations



International Relations





Deep-sea mining



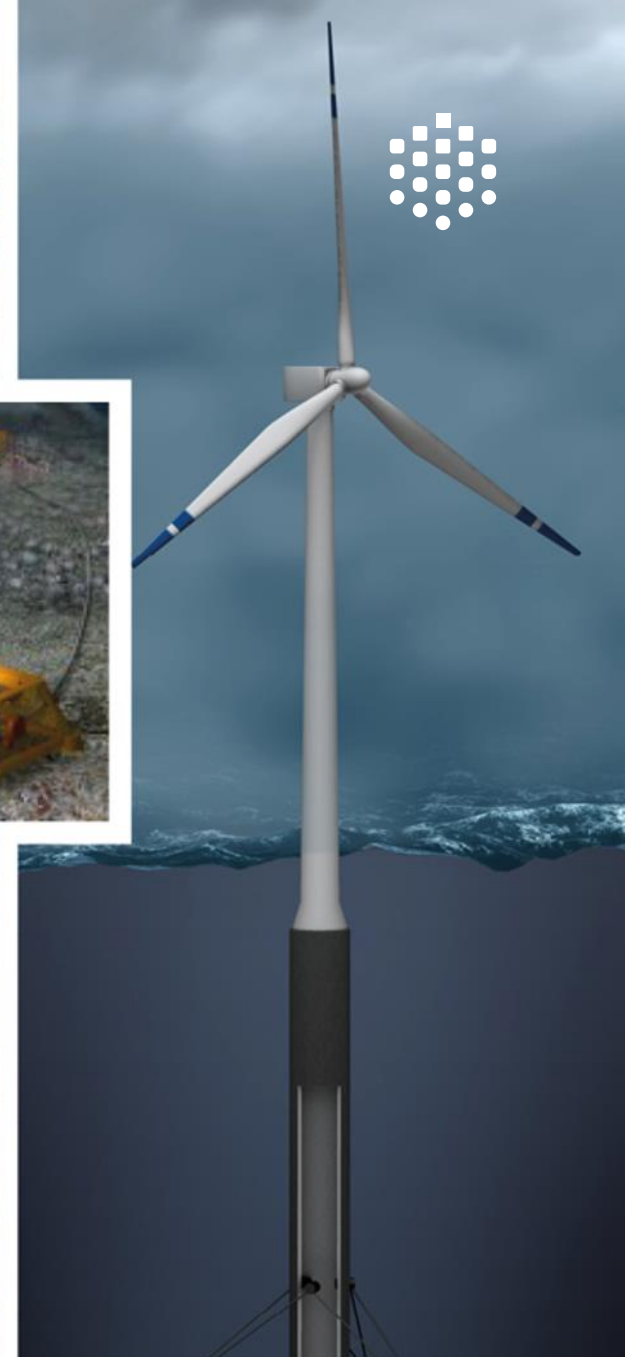
Marine food production



Integrated monitoring



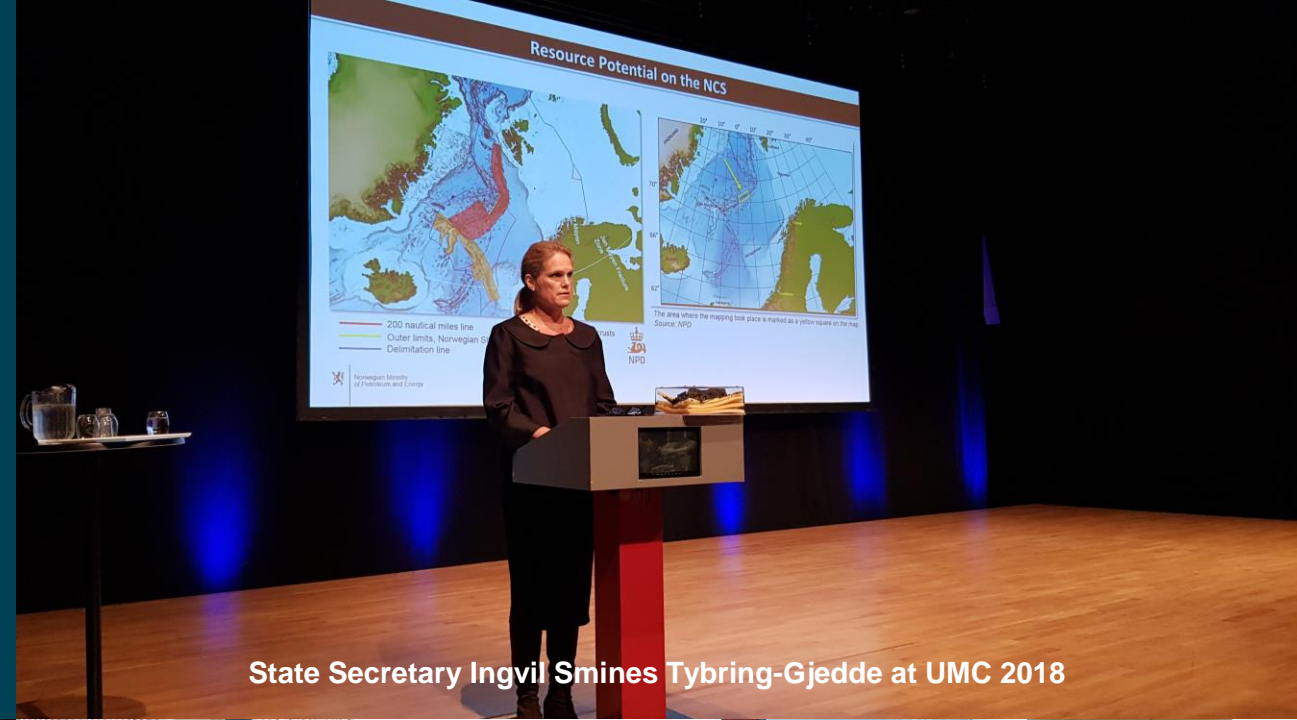
Subsea Factory



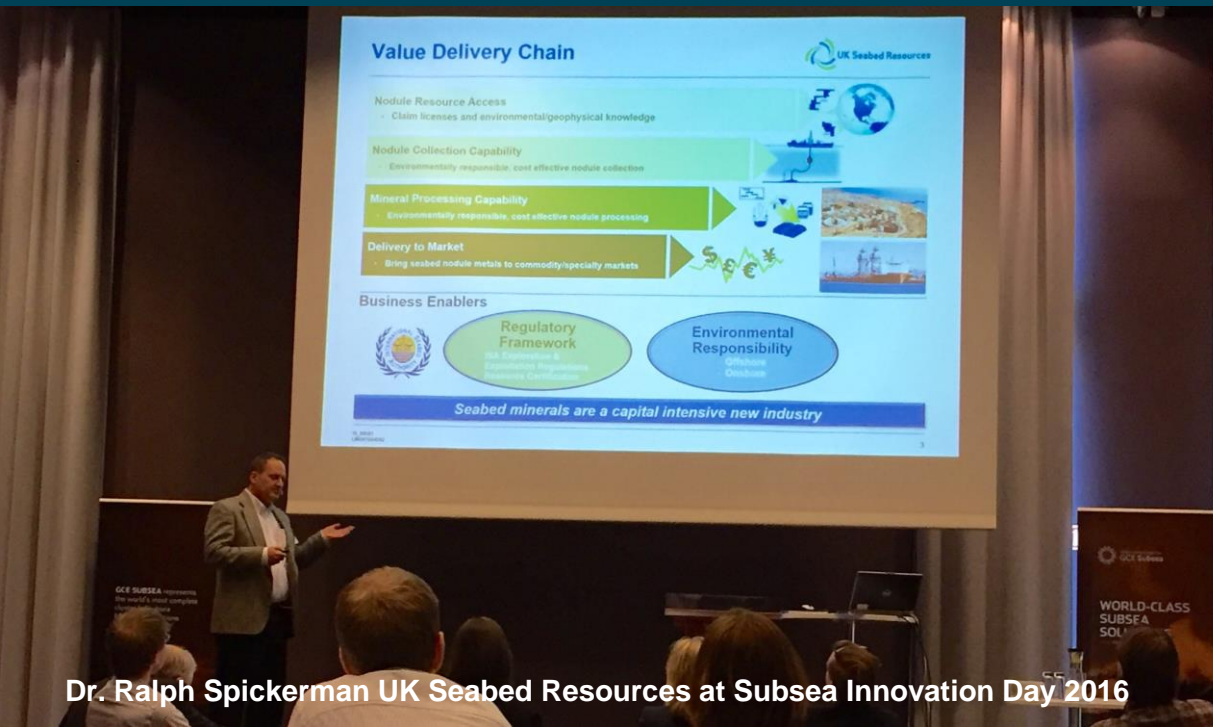
Offshore renewable energy

GCE Ocean Technology and Marine Minerals

- First seminar 2014
- Key part of our strategy 2015
- Topic for Subsea Innovation Day 2016
- Co-host Underwater Mining Conference 2018
- Part in establishing NMM 2018/2019
- Centre for Deep Sea Innovation 2019/2020



State Secretary Ingvil Smines Tybring-Gjedde at UMC 2018



Dr. Ralph Spickerman UK Seabed Resources at Subsea Innovation Day 2016



UMC 2018

Pre-Project Funding

- Provide financial and professional support to establish externally funded RDI projects.
- Secured more than 1,35 billion NOK in external funded RDI projects.



The high-speed pinless data connection by Wisub (now part of Transmark Subsea)



Active towed docking station for AUVs uSEA Technologies



Cable Protection Systems from Seaproof Solutions (Balmoral Offshore Engineering)

Techtransfer.no

Through 15 examples, some of Norway's leading examples of technology transfers from the oil and gas industry to other industries are highlighted.

Portal and cases provided by:

GCE NODE

NCE Energy Valley

Norsk Olje & Gass

Innovasjon Norge

GCE Ocean Technology



NORWEGIAN TECHNOLOGY TRANSFERS

from the oil and gas sector

About us

Filter content

NO / EN



MARITIME

Longer lifetime with new maintenance solution

A machinery monitoring system which allows shipowners to achieve substantial reductions in their maintenance costs has been industrialised by Machine Prognostics.



SMART CITY

Lighting the way for motorists

Fosstech works with products tailored for extreme environments in such areas as the oil and gas industry. It is now applying its offshore expertise and technology to illuminating motorways.



FISHERIES AND AQUACULTURE

New trawl technology supports fish sorting

Scantrawl Deep Vision has developed a subsea camera system which identifies the species and length of fish entering a trawl. This makes fishing more efficient and sustainable, while cutting fuel costs and greenhouse gas emissions for trawlers.



RENEWABLE ENERGY

Dynamic cables for offshore wind farms

Unitech has specialised for several decades in the design, production and delivery of subsea equipment for the oil and gas sector, including connectors and cables. It is now turning its attention to wind power at sea.



RENEWABLE ENERGY

Cost-effective supports for offshore wind turbines

Wind turbine foundations can be installed at sea faster more cheaply and more safely with the solution Imenco has developed through its involvement in the oil and gas industry.



SMART CITY

Offshore drilling technology to robotic renovation of water distribution

Techni has succeeded in developing a solution for connecting houses to the mains water supply without the need to carry out excavation work.



FISHERIES AND AQUACULTURE

Using sound for mooring line integrity monitoring

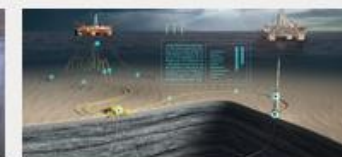
Acoustic sensors and wireless transfer allow Scanmatic's system to monitor mooring lines on floating offshore installations. The company is now looking at new markets in offshore wind and aquaculture.



FISHERIES AND AQUACULTURE

More efficient aquaculture and healthier fish

CSUB AS has succeeded in new markets in aquaculture and land-based products on the basis of delivering underwater structures to the international oil and gas industry.

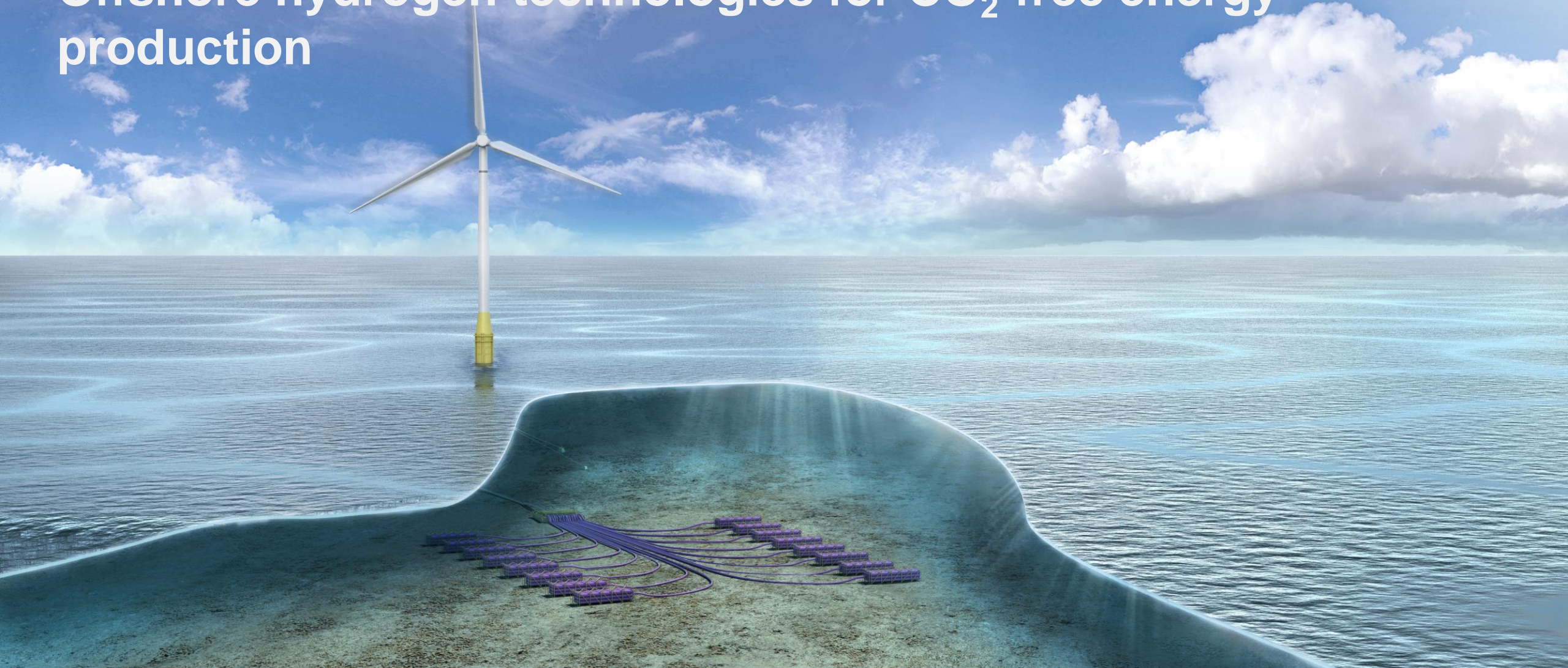


RENEWABLE ENERGY

From fish to drilling to wind power

In 2008 4Subsea had the vision that drilling operations on the Skarv field in the Norwegian North Sea ought to be controlled by actual measurement data rather than design parameters alone.

Deep Purple Offshore hydrogen technologies for CO₂-free energy production





Aker BP values the cluster's national and international network and their driving role in the industry driven R&D and innovation processes. We also focus on building relations with the Ocean Industries incubator and the start-up and scale-up programmes and companies in GCE Ocean Technology, and we believe this will prove to be a useful arena for innovation relevant to our value chain.”

Tove Ormevik

Offshore Installation Manager, Aker BP

Agenda



- 10:00 Introduksjon
- 10:05 Status lovverk og ressurskartlegging, Harald Brekke seniorgeolog Oljedirektoratet
- 10:25 Felles norsk satsing på marine mineraler, Kjetil Skaugset, styreleder Norsk Forum for Marine Mineraler og Senior Advisor Technology Management Equinor
- 10:45 Marine mineraler – Mulighet for et nytt industrieventyr, Walter Sognnes, medgrunnlegger og daglig leder av Loke Marine Minerals AS.
- 11:05 Planer for Center for Deep Sea Innovation, Jon O. Hellevang, Senior Ocean Technology Innovator, GCE Ocean Technology
- 11:15 Slutt

World Class Ocean Technology from Norway



Jon O. Hellevang

SENIOR OCEAN TECHNOLOGY INNOVATOR

jon.hellevang@gceocean.no

+47 988 488 28



Follow us on

