

A composite image featuring a city skyline with modern skyscrapers, a bridge over a body of water, and wind turbines in the foreground. The background includes mountains and a dramatic sky with clouds and a sunset or sunrise. A small airplane is visible in the upper left sky area.

Alexandra Bech Gjørv
Konsernsjef, SINTEF
Orkangerkonferansen, 26. mai 2016

TEKNOLOGIENE SOM **ENDRER** ARBEIDSLIVET

Skandinavias største uavhengige forskningsorganisasjon



3,2 MRD NOK
Omsetning

500 MILL NOK
Internasjonalt salg

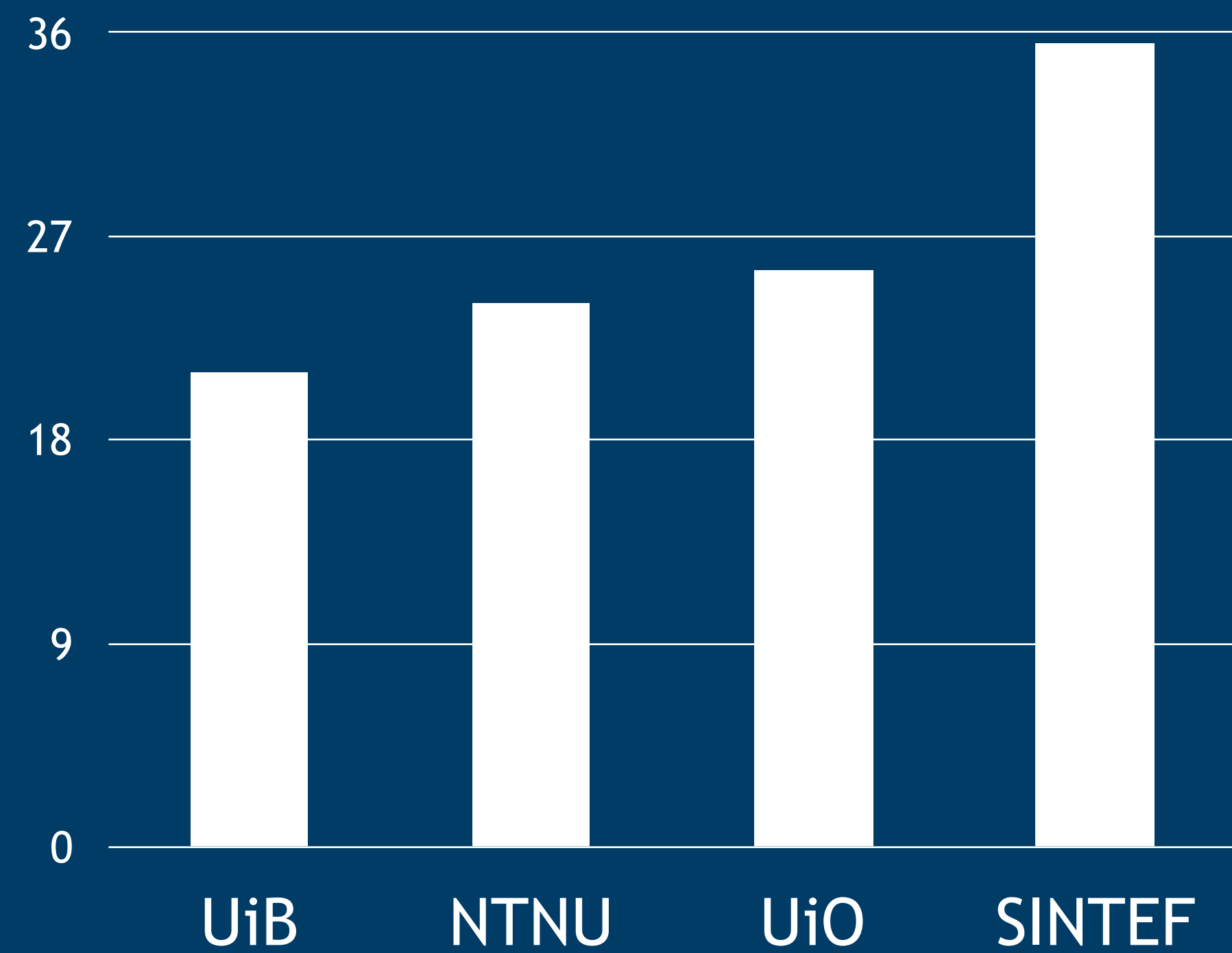
Laboratorie- og testfasiliteter





SINTEF største norske aktør i EU-forskning

Tall i mill €



Anvendt forskning, teknologi og innovasjon

Ekspertise og spisskompetanse fra havrom til verdensrom:



Fornybar energi



Havrommet



Industri



Bygg og
infrastruktur



Materialer



Mikroteknologi
og nanoteknologi



Klima og miljø



Olje og gass



Helse og velferd



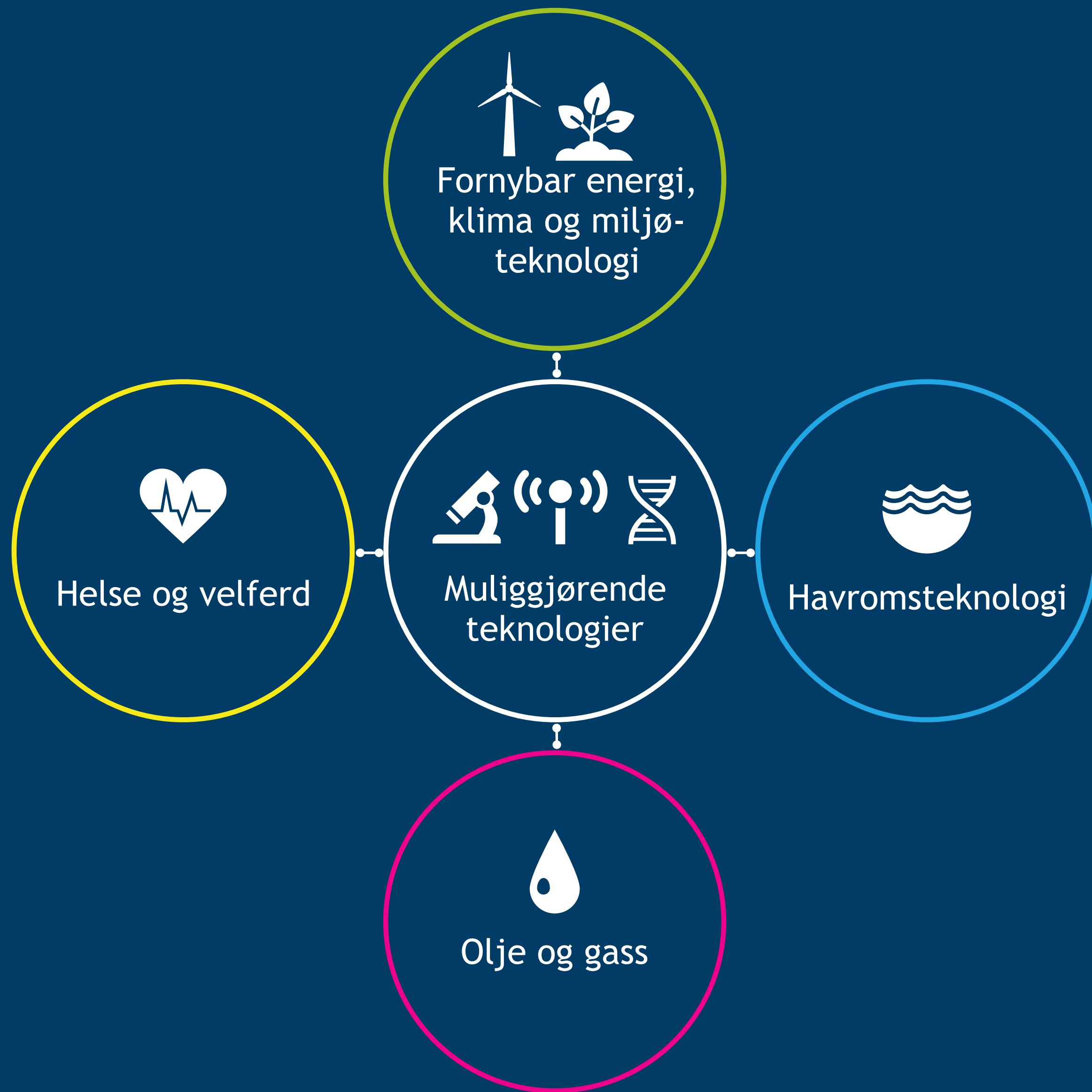
Samfunn



IKT



Bioteknologi



Våre satsingsområder

Vårt hovedmål: SINTEF skal være et **verdensledende forskningsinstitutt.**

Vi utvikler løsninger på noen av vår tids **store samfunnsutfordringer** ved å være ledende innenfor våre satsingsområder.

Et premiss for samfunnsutviklingen



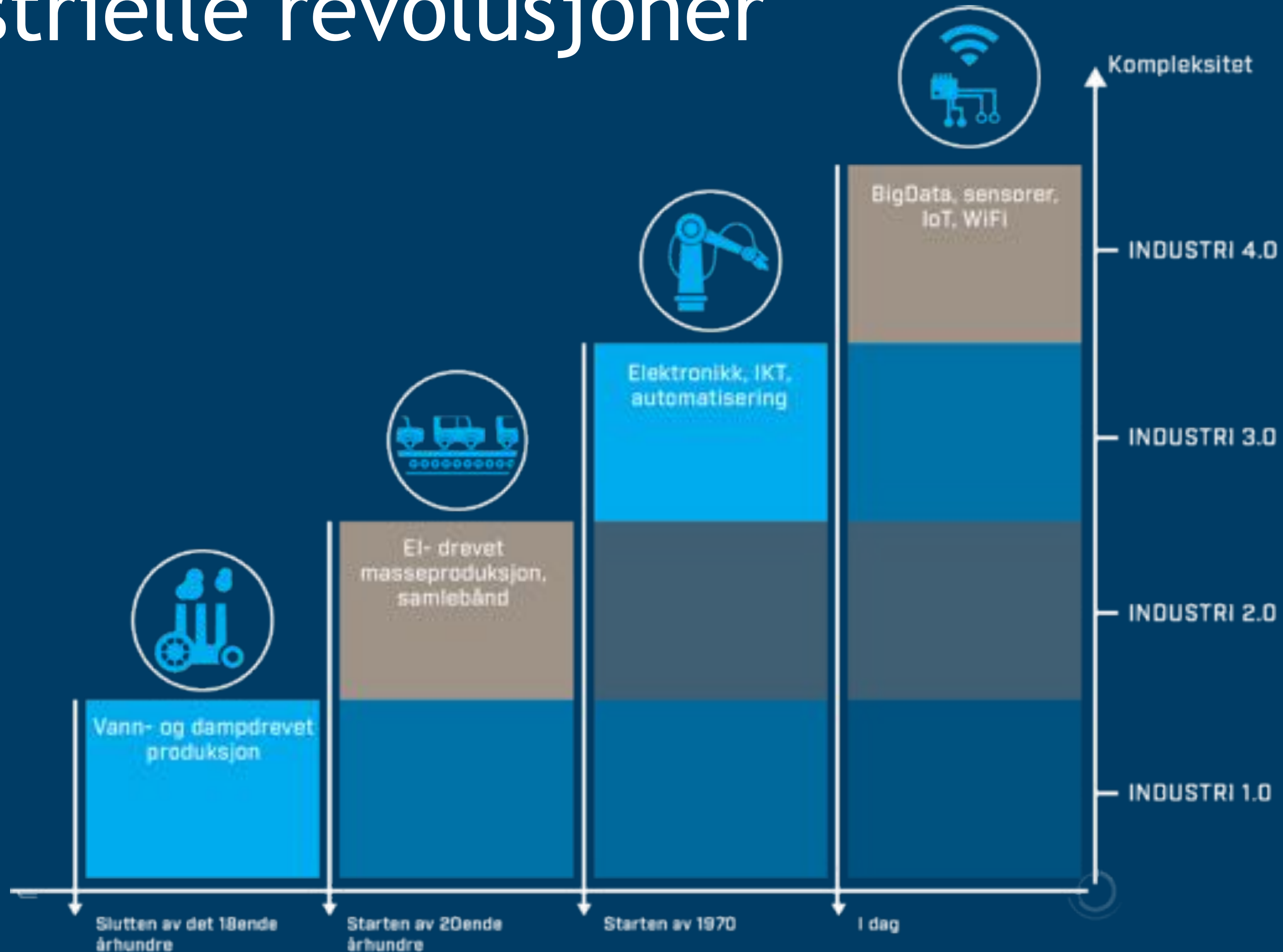
Globale nøkkelteknologier og deres anvendelser



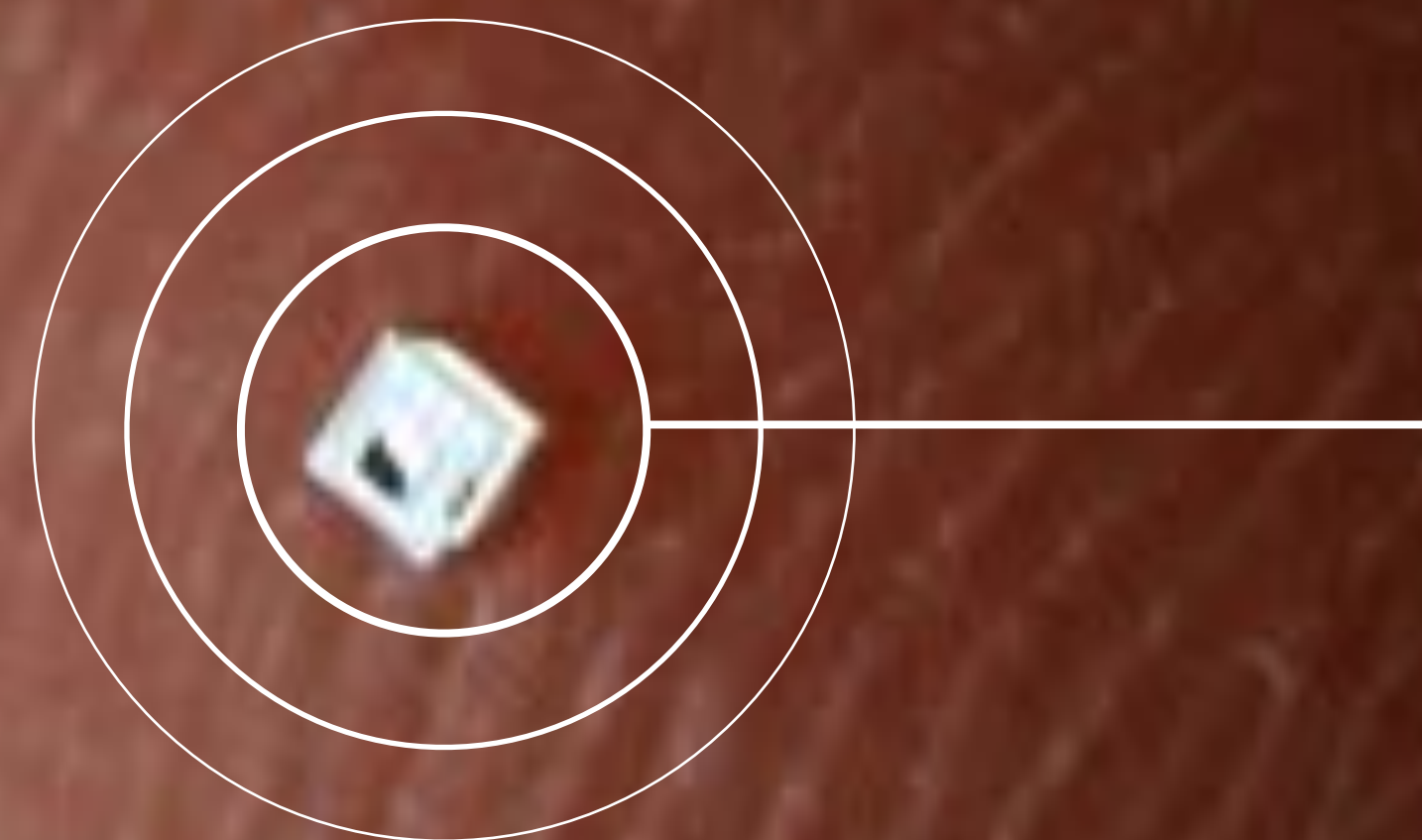
Nanoteknologi

1 μm

Industrielle revolusjoner



Mikrosensor som redder liv



Big Data



Nye forretningsmodeller

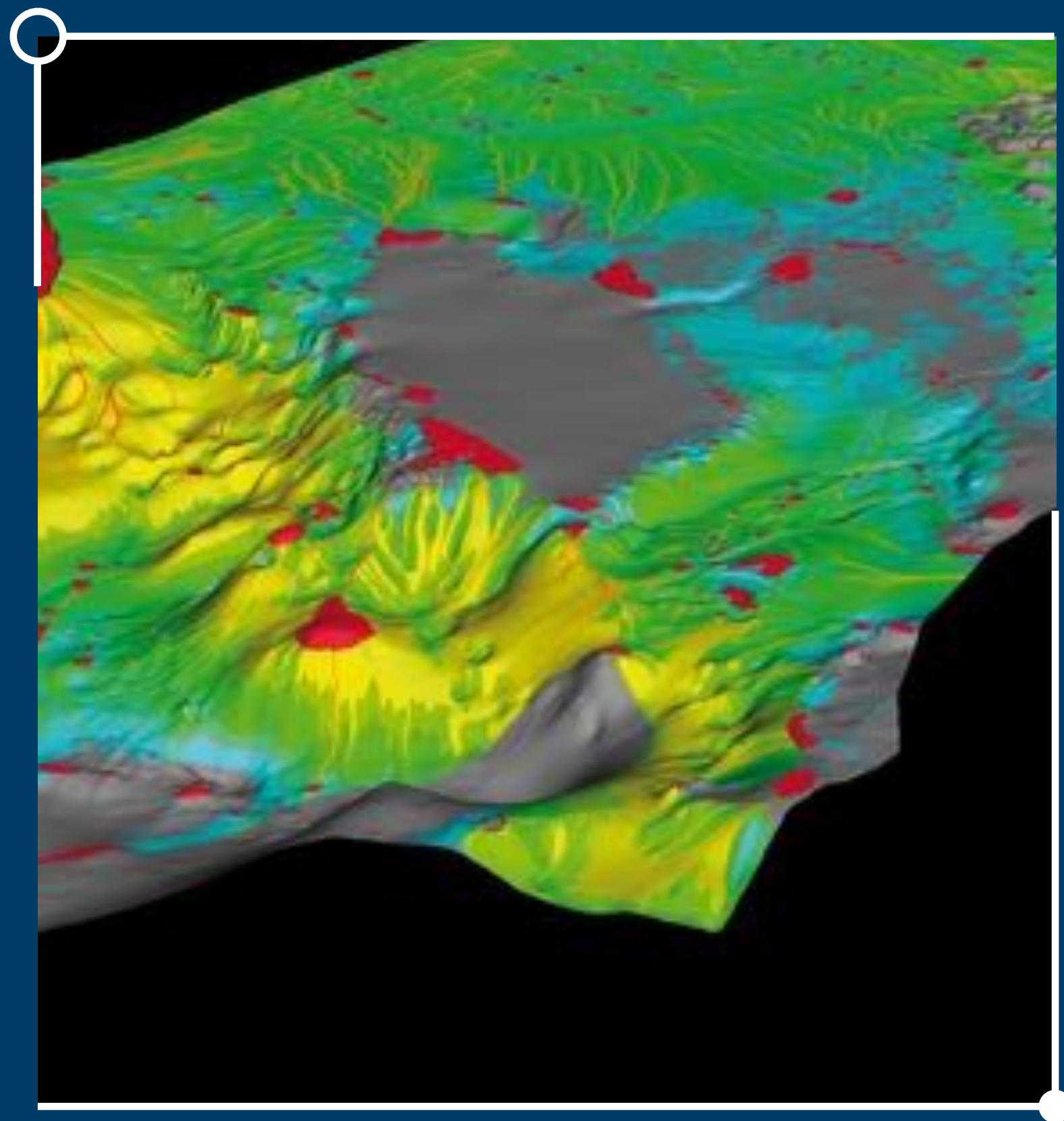
Computer engineers inside Schlumberger, who did not wish to be named as they are not authorized to speak to the media, tell Fortune that the company has been busy designing a proprietary operating system that will bring all the disparate parts of the oil and gas value chain onto a single technology platform. This new operating system will be able to analyze everything happening on a rig in real time, boosting both efficiency and safety. It also serves to lock customers into a single ecosystem that the company hopes will act as an incentive to use Schlumberger services and (now) equipment for all their drilling needs.

Fortune 09.2015

Schlumberger



Fra leting til lagring



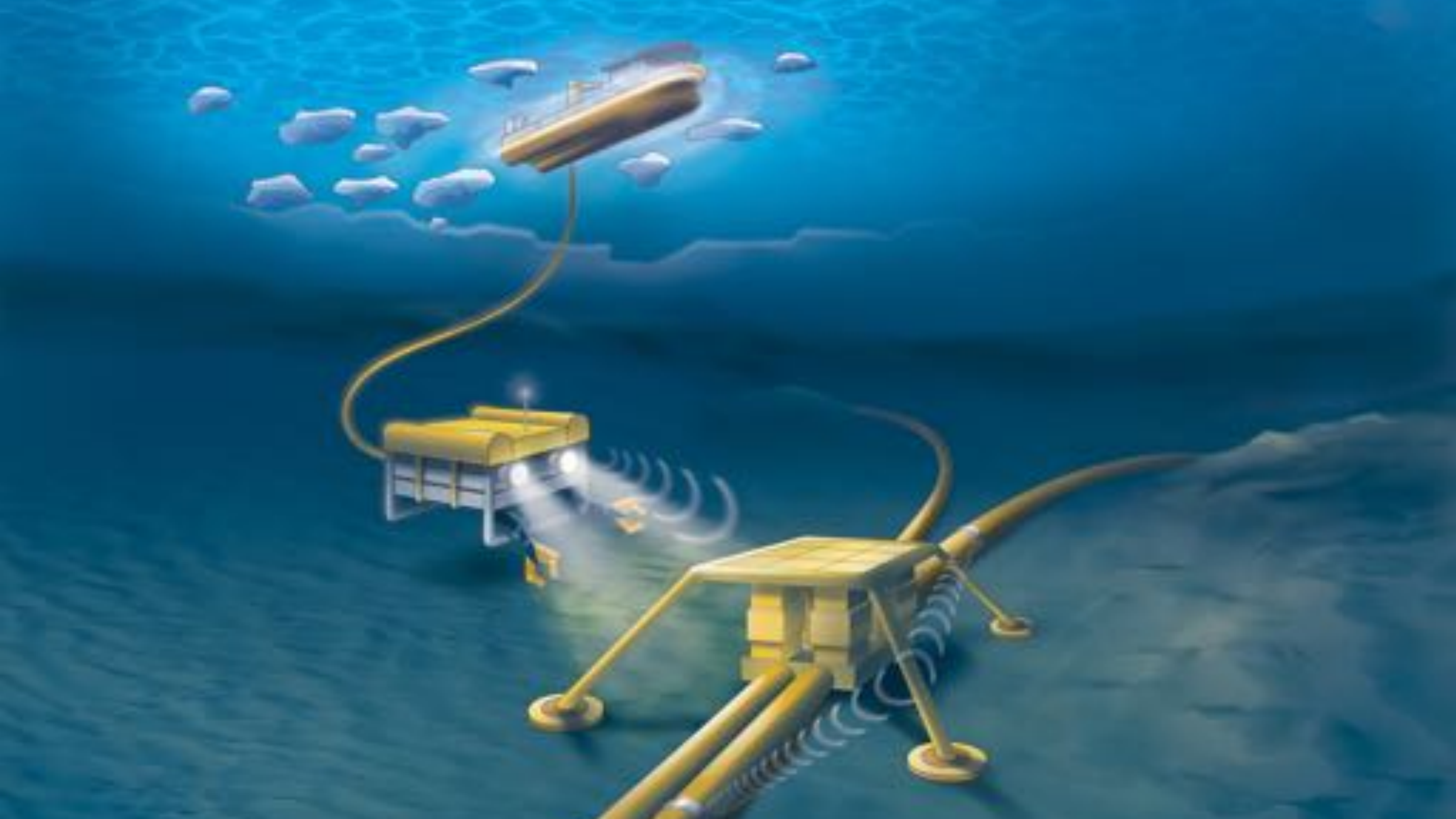
Leting



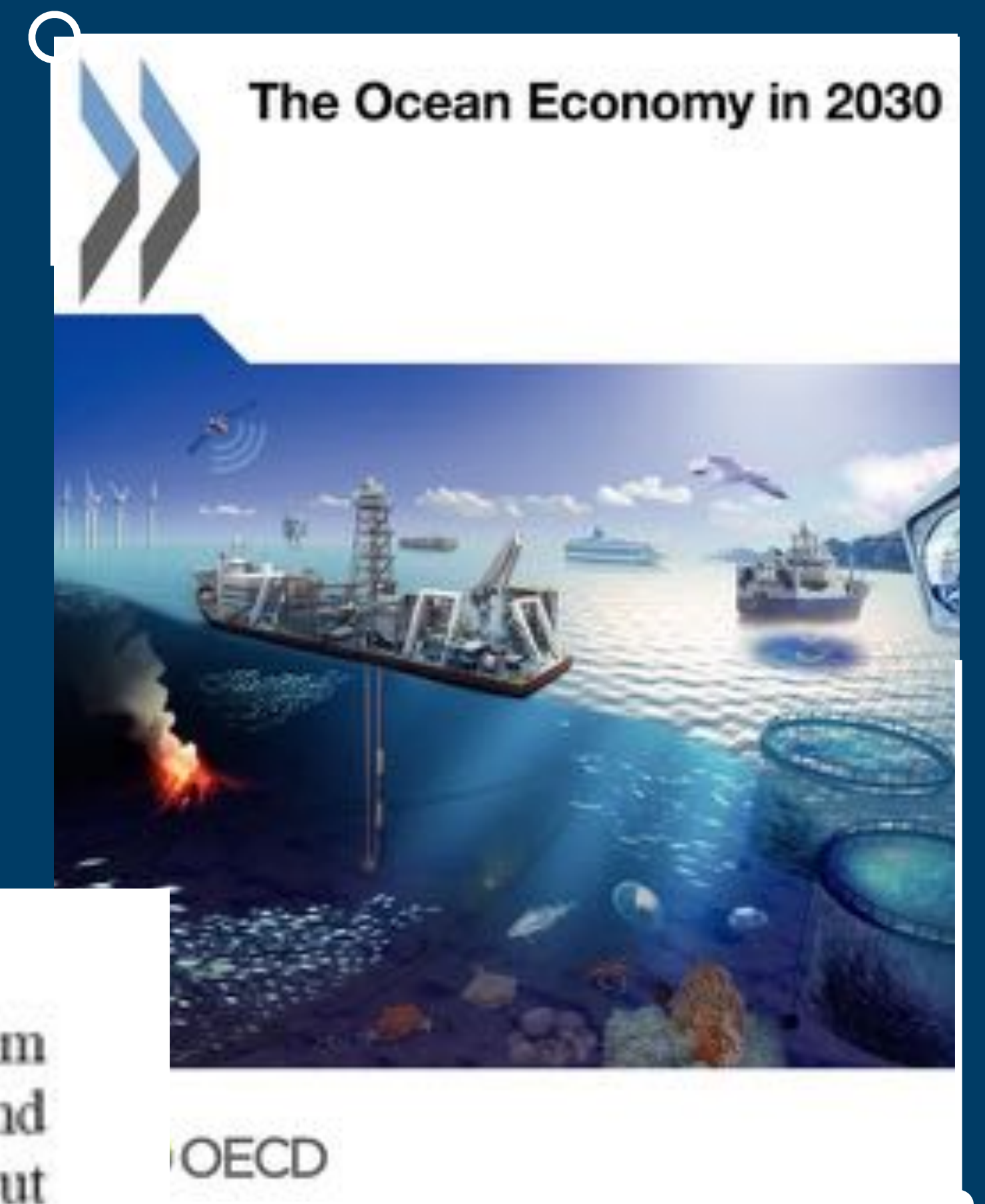
CO₂-lagring



Foto: Harald Pettersen/Statoil ASA



Hele verdens havrom



The ocean economy as a cluster of interconnected industries

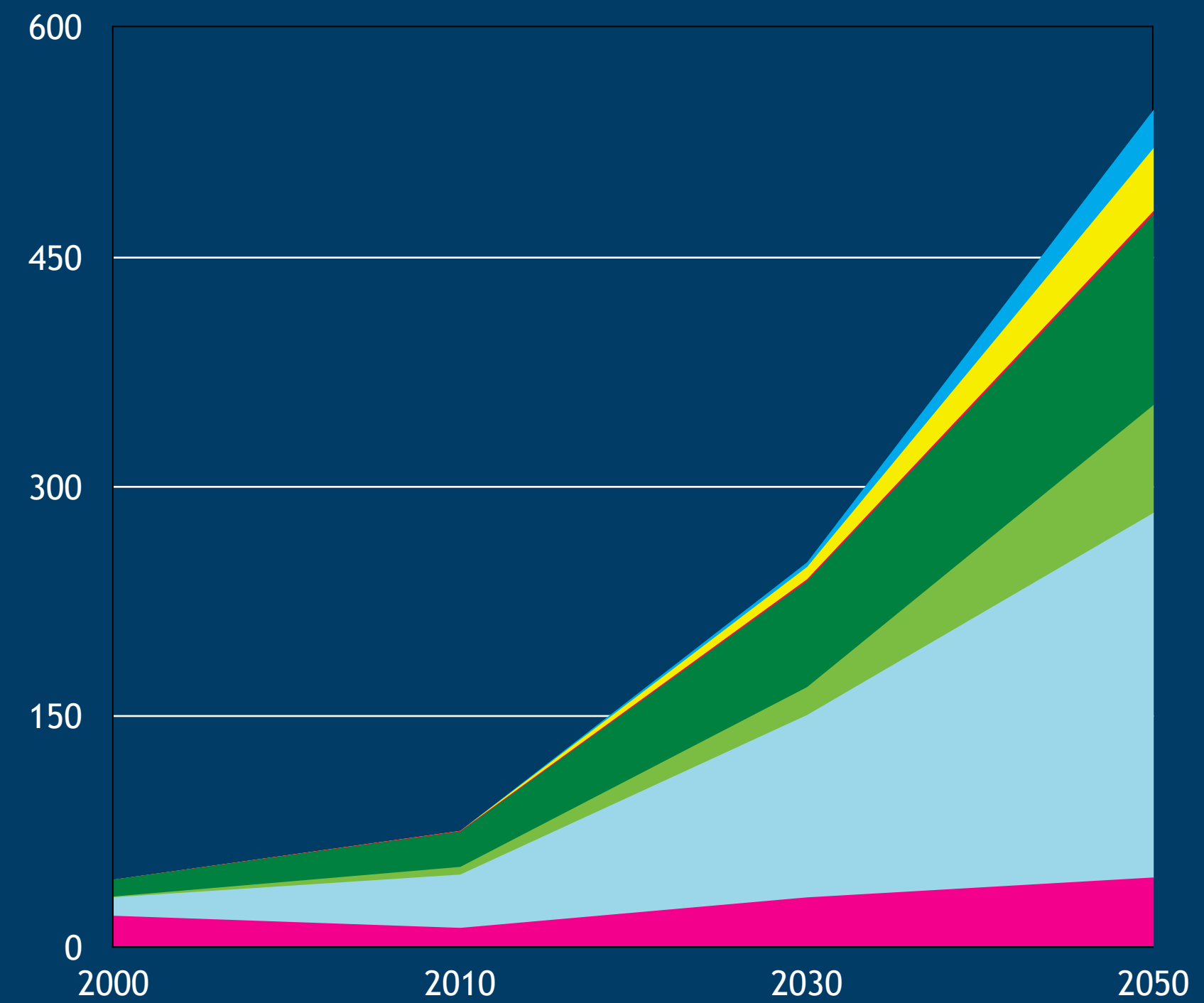
Ocean industries are not developing in isolation, neither from one another nor from the ocean environment of which they are part. On the contrary, they interrelate and interact with other activities and their ocean surrounds in a myriad of different ways. But as long as maritime industries and the exploitation of marine resources are perceived as individual and separate activities, approaches to their development and their sustainable management risk remaining piecemeal and limited in their effectiveness.

Havvind



Scenario 2050: Potensial for verdiskaping

Tall i milliarder



- Høyproduktive havområder
- Marine alger
- Havbruk, nye arter
- Leverandørindustri, inkl fôr
- Marine ingredienser
- Havbruk, laks og laksefisk
- Fiskerinæring



Teknologi for et bedre samfunn