

**OCEAN  
INNOVATION** | **NORWEGIAN  
CATAPULT  
CENTRE**

**”  
*Catapult your project  
from idea to market***

Dr. Gisle Nondal  
CEO

# Ø NORWEGIAN CATAPULT

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**Strong global competition,  
rapid technological  
development and the green  
shift challenge today's  
solutions and manufacturing  
methods**



Forskingsrådet

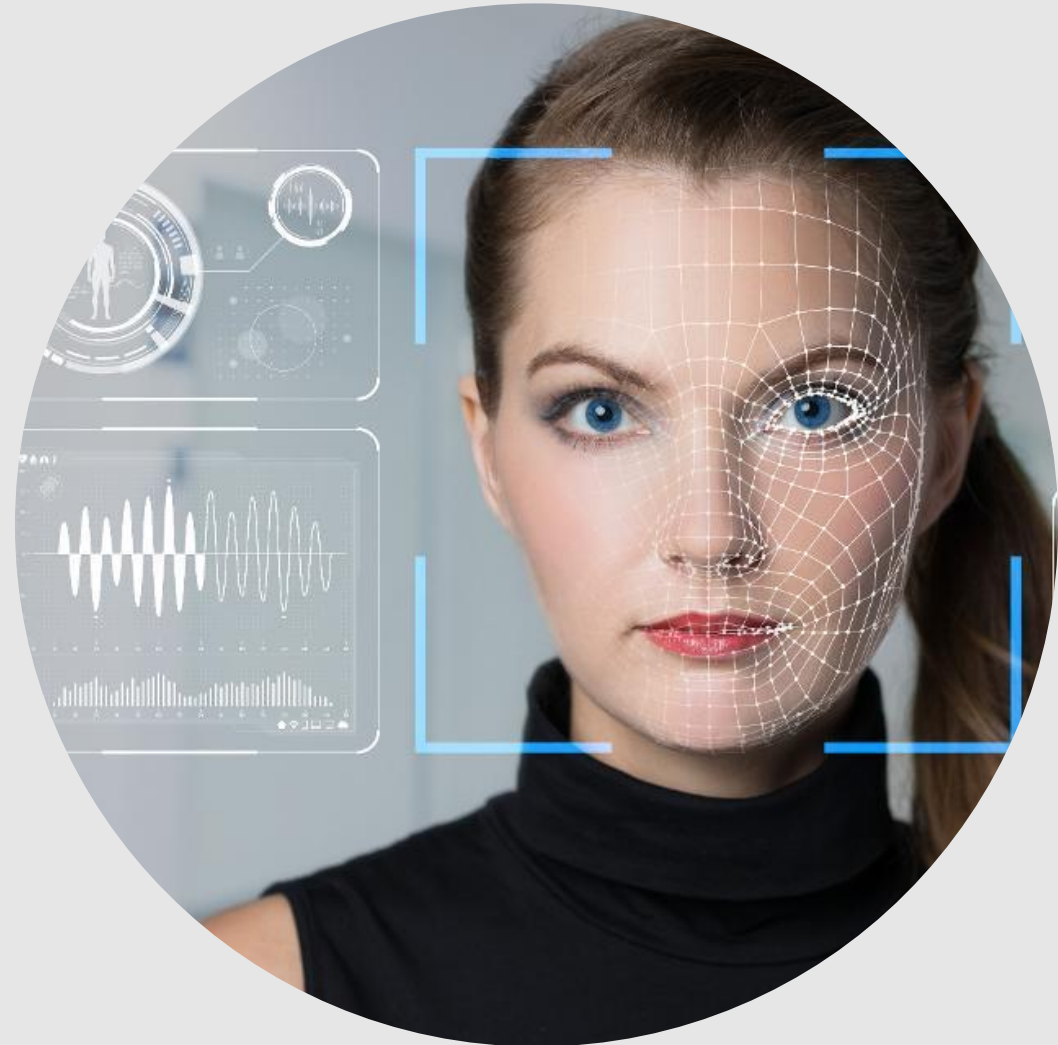


Innovasjon  
Norge



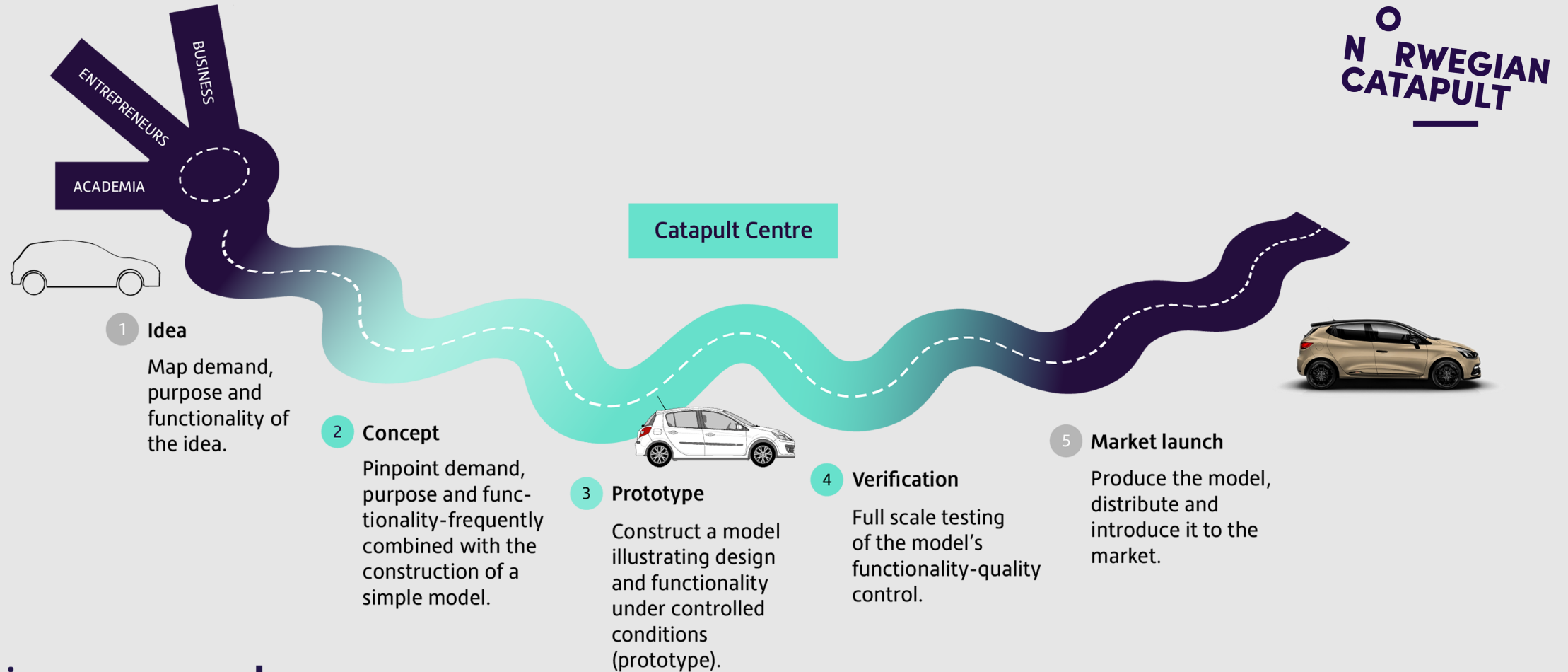
**The ability to quickly apply new technology and new methods effectively is crucial for the competitiveness of the industry**

**Easy access to test facilities and expertise enhances the ability**





# Reduced risk and easier market access



**MANUFACTURING TECHNOLOGY  
NORWEGIAN CATAPULT CENTER**

RAUFOSS

**DIGICAT NORWEGIAN  
CATAPULT CENTER**

ÅLESUND

**SUSTAINABLE ENERGY  
NORWEGIAN CATAPULT CENTER**

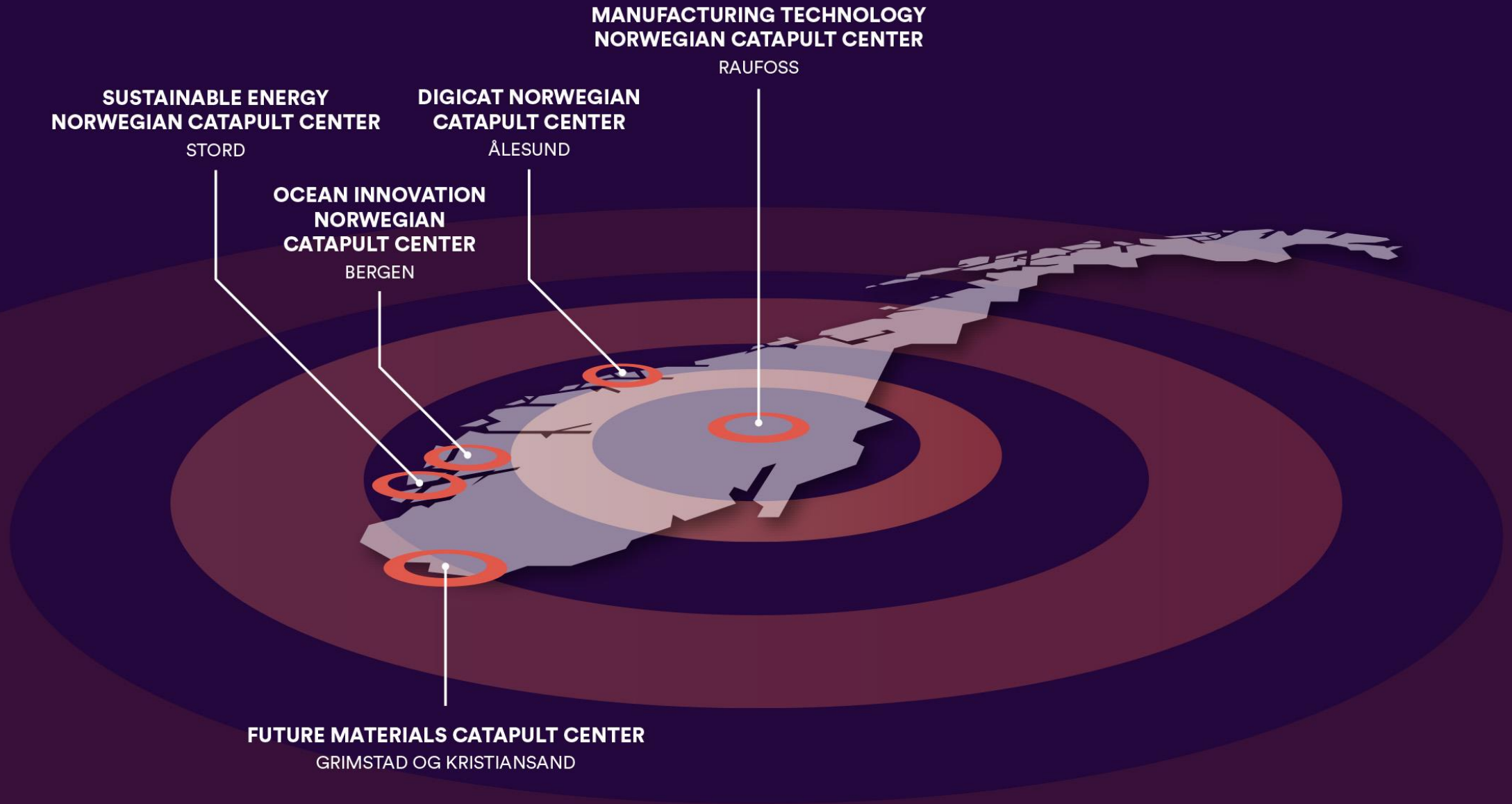
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**OCEAN INNOVATION  
NORWEGIAN  
CATAPULT CENTER**

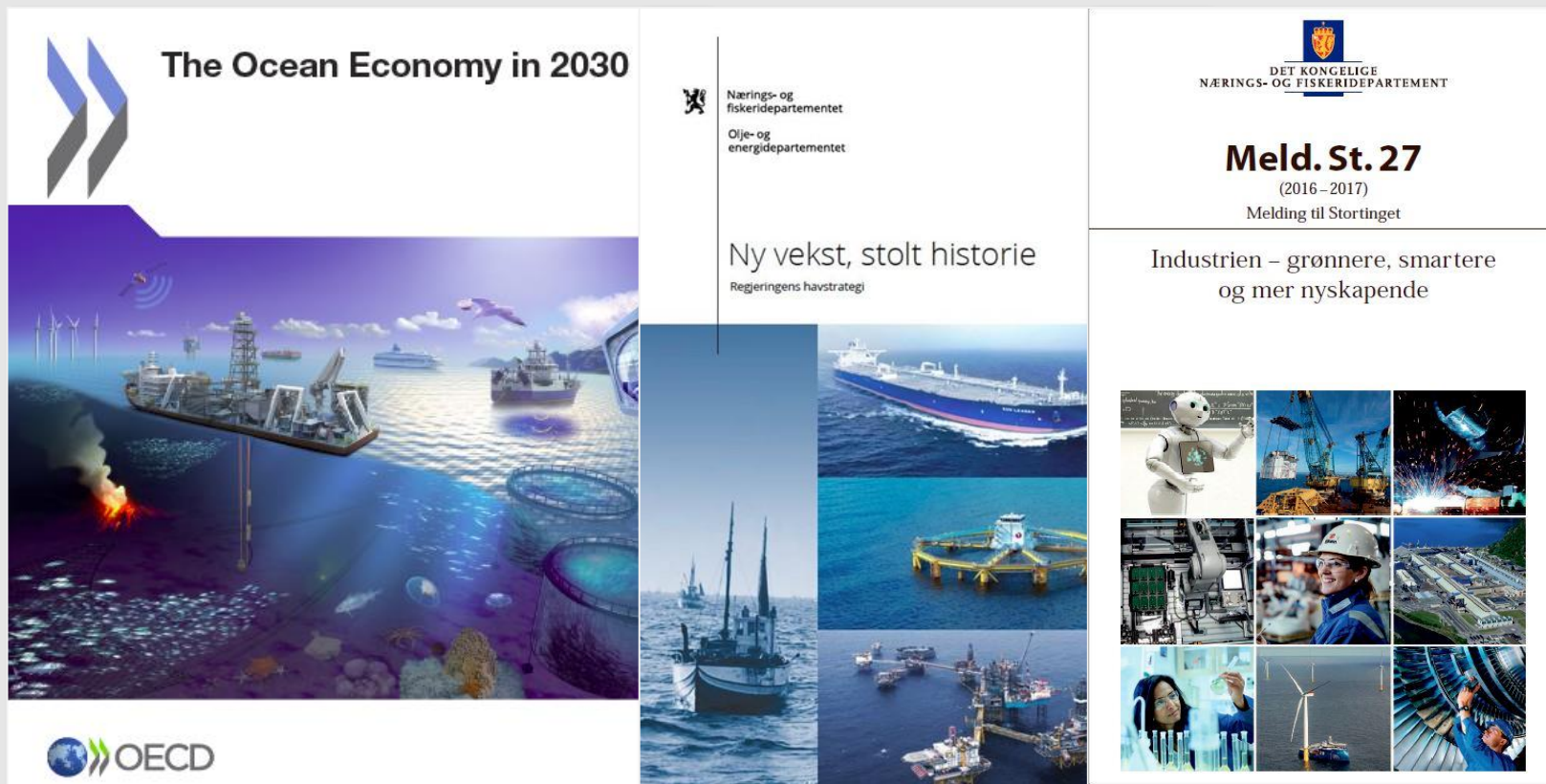
BERGEN

**FUTURE MATERIALS CATAPULT CENTER**

GRIMSTAD OG KRISTIANSAND



# An Ocean of Opportunities



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# Ocean Innovation Norwegian Catapult Centre

Preferred partner for development of new solutions for the ocean industries (energy, marine seafood production, environmental monitoring, deep sea mining etc.)

- Development of prototypes – from idea to finished product
- Prototyping
  - Design
  - Simulation, VR/AR
  - CNC machining
  - **Additive manufacturing** in plastic, composites and **metals (Q4 2019)** – Additech AS



Additech AS





# Ocean Innovation Norwegian Catapult Centre

## State-of-the-art test facilities and expertise:

- Sustainable Seafood Production
  - **Recirculating Aquaculture System (RAS)** – Q1 2020
  - Test facilities in fjords – Institute for Marine Research
  - **Aquacloud 2.0** – data sharing in seafood farming
- Material Technology
  - Materials and corrosion testing - DNVGL
  - Technology Centre for offshore lifting and mooring – DNVGL
- Testing
  - Test tanks – Stadt Towing Tank
  - Pressure and temperature testing – NUI, DNVGL
  - Fjords and exposed basins



Additech AS





Analysis/  
Simulation

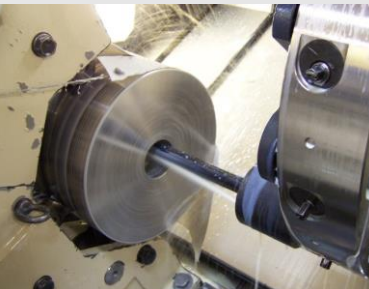
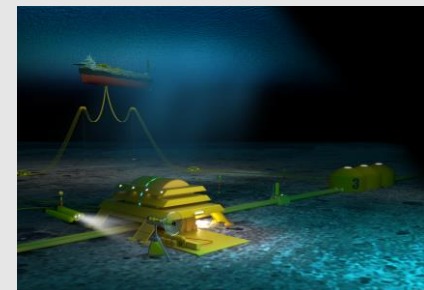
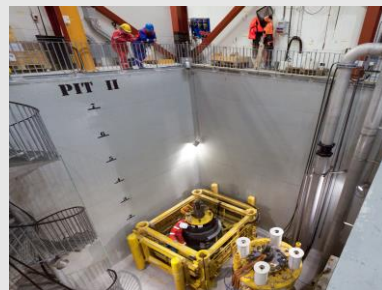
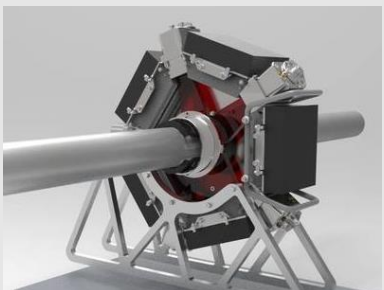
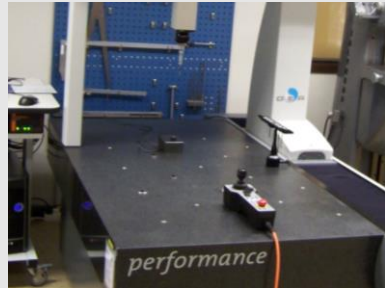
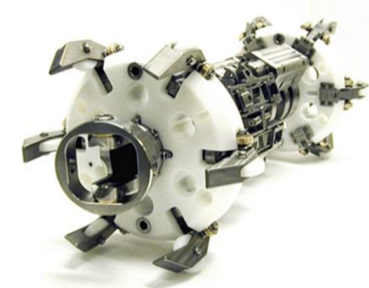
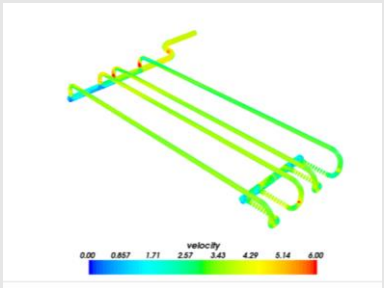
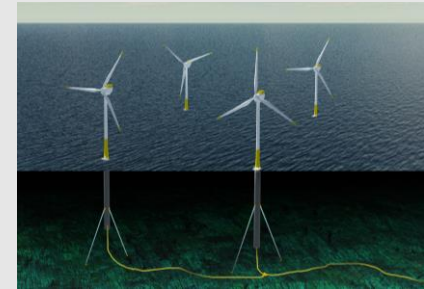
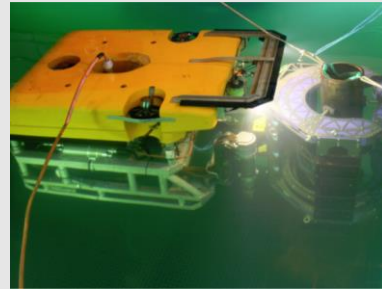
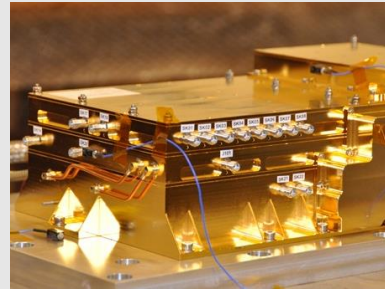
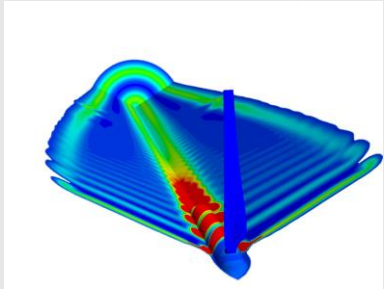
Design/  
Prototyping

Lab-testing/  
Verification

Large scale  
testing

Field-testing/  
Pilot

Market



# Project Support

## We support your product development

- SME's can be granted support of NOK 100.000 in order to use the catapult centres in their product development
- <https://norskkatapult.no/stotte-til-katapult-prosjekt/>

## Contact us

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- [www.oceaninnovation.no](http://www.oceaninnovation.no)


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# Smart Production 2019

The future workplace in an automated and digitalized industry



NewsEventsCoursesProjectsMembership

## Smart Produksjon 2019

04 - 05. December 2019

Vitensenteret (VilVite), Auditorium Nash, 2. etg Thormøhlens Gate 51, Bergen

4 DEC

Register for event




Photo by Neonbrand. Unsplash.com

## SMART PRODUKSJON 2019

Fremtidsarbetsplassen i en automatisert og digitalisert industri

4. - 5. desember 2019

VilVite Bergen Vitensenter - "Forskningsparken"



Illustrasjon: Shutterstock



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[www.oceaninnovation.no](http://www.oceaninnovation.no)