



ENERGI I NORD

En klynge for energiomstilling
og verdiskaping i nord.

ADVANSIA
PART OF AFRY

Akvaplan
niva

arctic energy
partners

AVJU

BDO

Berlevåg
kommune
- Hellig og begeistret

BLU
BODØ LUFTHAVNUTVIKLING

bodø
KOMMUNE

CHL CENTRE FOR
HIGH NORTH LOGISTICS

Corporate
Communications

DNB

Dragefossen

EY
Building a better
working world

equinor

Futurum

Glomfjord
Hydrogen

GREENH

Hammerfest kommune
Hámmerfeastta suohkan

& KPB

KUPA

KVITEBJØRN
VARME

KONGSFJORD ENERGI

Lofotkraft

Mo Industripark as

MON

NORDKRAFT

NORD
universitet

NWPS

NorSea
POLARBASE

PRO
BARENTS

PRO
TROMSØ
BUSINESS HUB NORTH

SINTEF

SKS

ST1

STORE
NORSKE

TROMSØ
HAVN

Troms Kraft

NORGES ARKTISKE UNIVERSITET
UIT

VADSØ
KOMMUNE

VARANGER KRAFT

Øygrid

Forskningsrådet

NORTH
NORWAY
EUROPEAN OFFICE

Innovasjon
Norge

Nordland
FYLKESKOMMUNE

Troms fylkeskommune

Finnmark fylkeskommune
Finnmárkku fylkkagielda
Finmarkun fylkinkomuuni

HYDROGEN IN NORWAY

Reached FID, Construction or Operation? ● No ● Yes



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Source: www.hydrogen.no

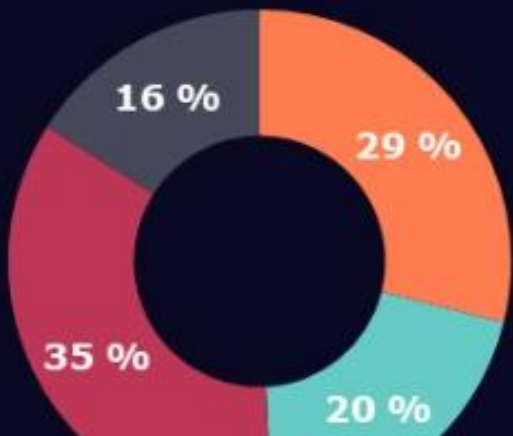
Project overview

Number of projects in total
212

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Projects in 82 municipalities

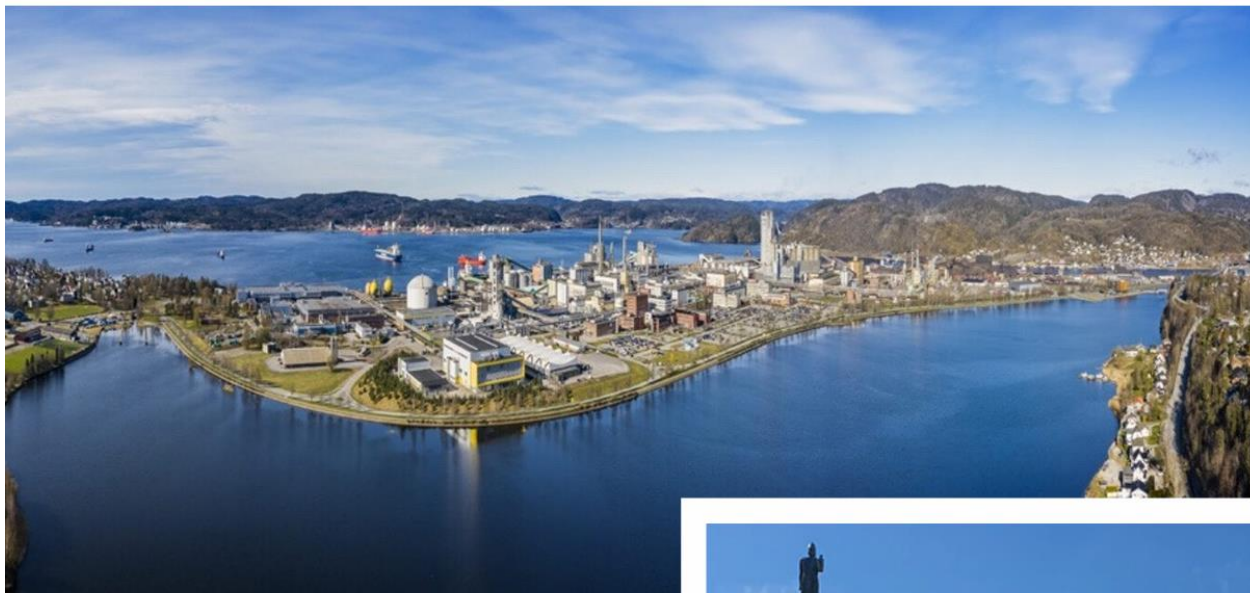
Different types of projects*

Production	75
Consumption	52
R&D	90
Technology	41



- Production
- Consumption
- R&D
- Technology





Herøya in Telemark is one of the largest industry areas in Norway, and has established a local hydrogen network.



The city of Trondheim aims to play a vital role in the hydrogen value chain and intends to enhance the establishment of a robust regional infrastructure for renewable and fossil-free fuels including hydrogen. Europe's first hydrogen trucks are operated by ASKO Midt-Norge, located in Trondheim.



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Finnmark County has adopted a hydrogen strategy and intend to utilise the natural advantages for the production of hydrogen, both from natural gas and wind power. The EU project Haeoulus operates a new-generation electrolyser integrated within a state-of-the-art wind farm in a remote area with access to a weak power grid, located at Raggovidda in Finnmark.

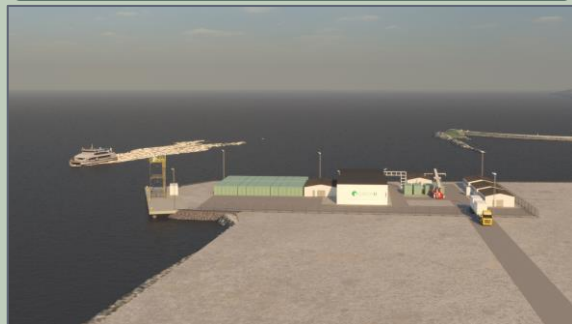


The Vestfjorden Ferries operating the route between Bodø and the Lofoten islands will use hydrogen from 2025. The city of Bodø is the regional capital of Nordland county and a center for logistics and transports. The goal is to realize zero-emission transport systems within the next decades. Hydrogen is expected to play a key role in this ambition.



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Sandnessjøen



Kristiansund



Bodø



Rogaland



Slagentangen



Bodø

Large maritime potential: up to 10.000 port calls per year



Fuelling stations for trucks, waste trucks and other heavy vehicles



Airport in need of Hydrogen!



The new «Smart city Bodø» needs green infrastructure to cut CO2-emissions



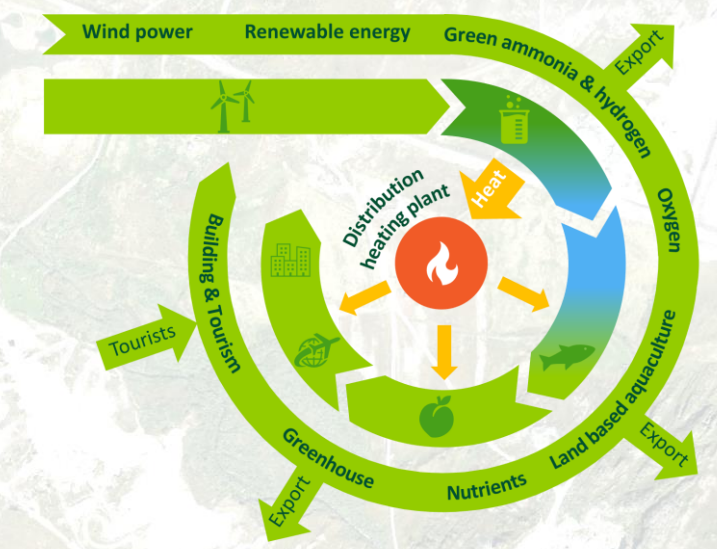
District heating network in need of heat!



Fish farming in need of O₂!



An Arctic industrial park

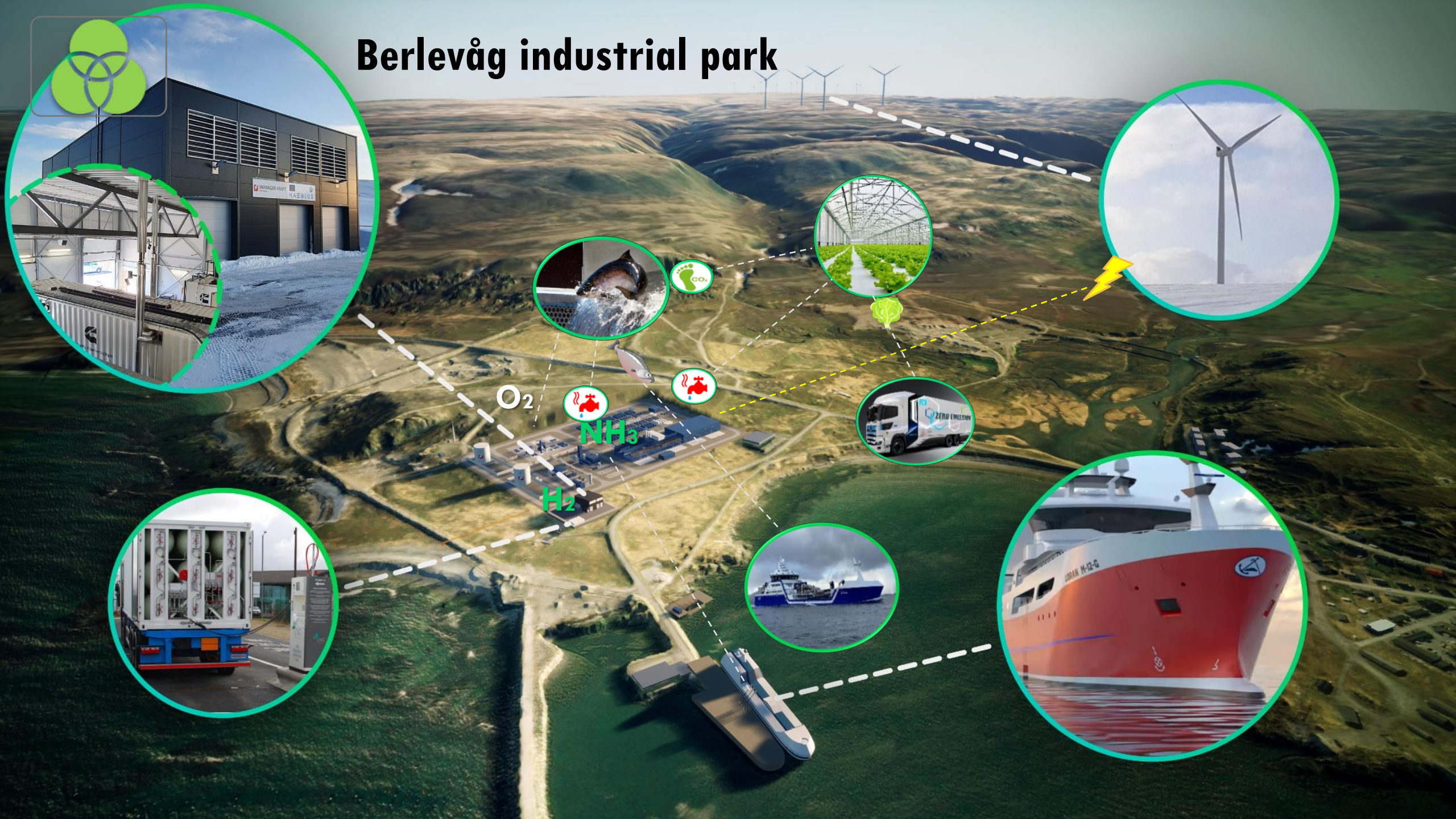


Varanger KraftHydrogen AS Berlevåg Hydrogen Plant

- 2.5 MW Electrolyzer
- Aprox 1 ton productioncapacity per day
- 30-500 barge pressurerange
- Fuel-cell quality hydrogen
- Comissioning first half of 2025



Berlevåg industrial park





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Photo: Varanger Kraft