



# **Company update February 2023**

## **Horisont Energi, a Norwegian clean energy company**

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# Horisont Energi – February update

## Working to mature two large projects

- Horisont are currently maturing two ambitious projects in Barents Blue and Errai
- Fertiberia becoming a new 50/50 partner in Barents Blue, replacing Egiunor and Vår Energi as partners
- The Barents Blue project will continue with strong business drivers
- Errai moved forward with site selection for CCS land terminal at Haugaland Næringspark
- Awaiting award of carbon storage license

## Industrial scale - value creation - carbon neutrality

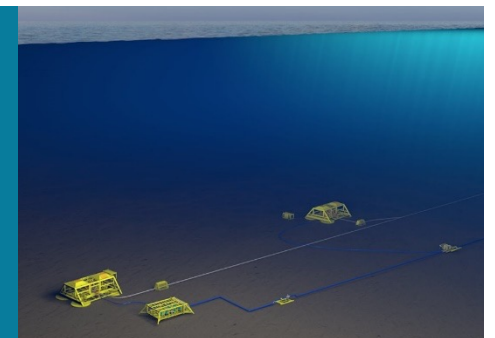
### Clean ammonia

- **Barents Blue** - Europe's first world-scale clean ammonia plant
- **Koole collaboration** - logistic value chain for clean ammonia
- **Star** - large scale green ammonia plant



### Carbon storage and removal

- **Errai** - carbon capture and storage
- **Polaris** - carbon storage, key part of the Barents Blue project



# Project Barents Blue

## Europe's first world-scale clean ammonia facility

- Best-in-class life-cycle carbon footprint, achieved through carbon capture in excess of 99% carbon capture and other measures
- Clean ammonia is a core area of interest for Fertiberia as a leading producer of fertilizers and ammonia targeting net zero emissions from all fertilizer production sites by 2035
- First major fertilizer company manufacturing CO<sub>2</sub>-free ammonia at industrial scale in Europe
- Entered into cooperation agreement for full 50/50 partnership with key milestones to be achieved going forward

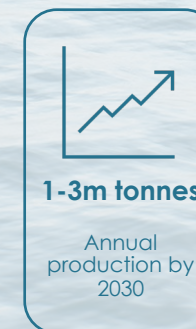
## Key de-risking milestones in 2023

- Sign letter of intent for gas supply to Barents Blue train 1
- Establish new license group for the Polaris carbon storage
- Update scope, plan and budget for decision gate 2 (DG2) in Barents Blue and Polaris
- Pass DG2 milestone – proving technical and commercial project viability

## Strategic partners:



## Key figures





# Project Errai

## Project highlights

- Joint project development with Neptune Energy as operator
- Carbon capture and storage (CCS) project initiated by Horisont Energi in 2021
- Key part of planned CCS value chain in Europe
- Plan to store 4–8 million tonnes CO<sub>2</sub> annually in first phase, with additional potential
- Onshore terminal for intermediate CO<sub>2</sub> storage, with the intention to permanently store the CO<sub>2</sub> in an offshore reservoir
- Develop the second CO<sub>2</sub> terminal in Norway
- Targeting European and domestic third-party customers

## Project status

- Signed project agreement with Neptune Energy
- Haugaland Næringspark chosen as planned location for the onshore CO<sub>2</sub> terminal
- Application for license to operate submitted (deadline 3 Jan 2023)

## Strategic partners:



License group



## Key figures



2026

Est. start



4-8m tonnes

First phase  
storage  
capacity



60%

Horisont Energi  
project share



# Accelerating the transition to carbon neutrality

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