



Overall strategy and status

Fearnley Securities

04.12.2024



Ocean GeoLoop at a glance

World's most efficient carbon capture technology?

- Listed on Euronext Growth
- Developed a carbon capture system with no harmful chemicals and no need for waste heat
- Successful pilot campaign at Norske Skog Skogn with a 1.000 tpa unit
- Completed feasibility study for NorFraKalk in Q4
- Strong customer traction for near-time growth
- Solid partnerships for an effective value chain and value creating projects.





2021-2022

**Developing the
CONCEPT
into
TECHNOLOGY**



2023-2024

**Developing the
TECHNOLOGY
Into
PRODUCTS**



2025-2027

**SCALING
in
PRIORITY VERTICALS**

100% Clean, Autonomous and Energy Efficient Carbon Capture

Non-toxic – non-amine
*- no local emissions or
chemical handling*



Superior energy efficiency
*- low energy needs with
incorporated energy recuperation*



Low staffing needs
- fully autonomous operation



No need for waste heat
*- easily integrated electrically
powered process*



**Robust and suited for a
broad range of emissions**
*- universal, versatile and
scalable technology*



Energy flexibility
*- optimization potential
using thermal energy*



Read more on our newly launched website

Ocean GeoLoop

Technology Solutions R&D Investors About Get in touch

Cut your carbon emissions naturally

Discover a chemical-free carbon capture solution with excellent HSE performance and superior energy efficiency.

- Non toxic and 100 % clean
- Superior energy efficiency
- Robust and scalable

Carbon Capture by Nature

Ocean GeoLoop

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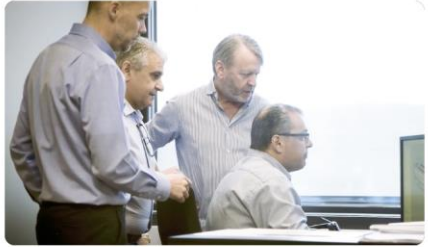
Solutions

Solutions scaled to your needs

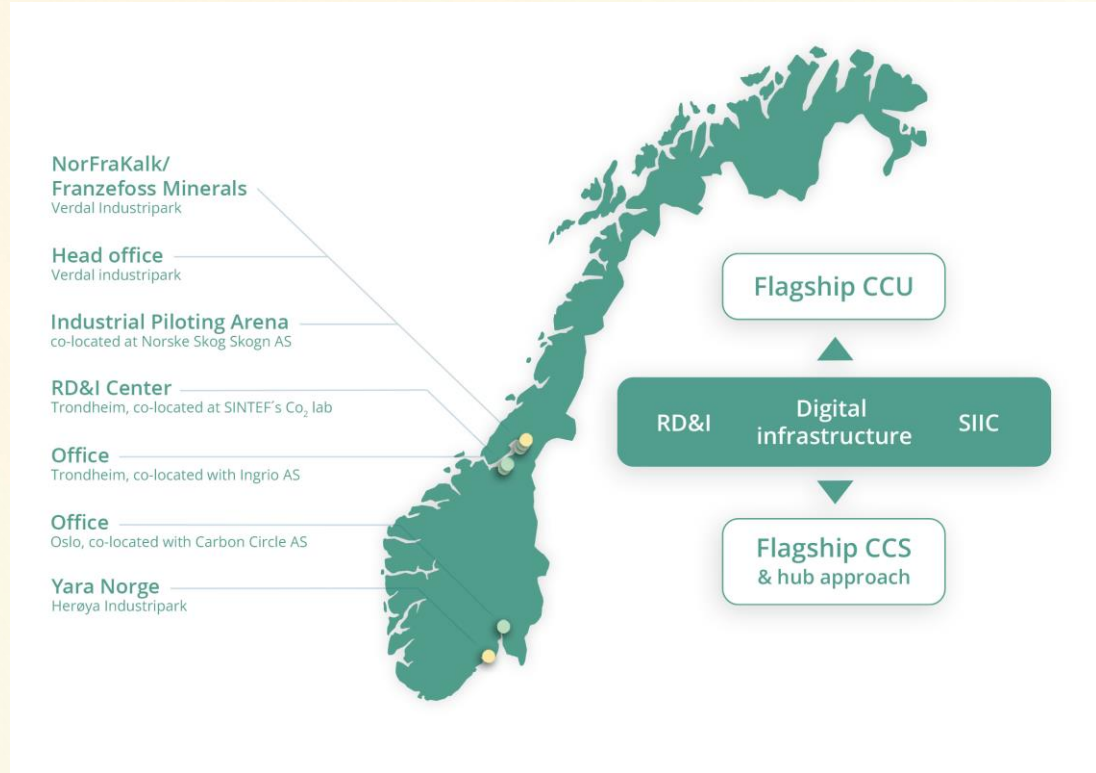
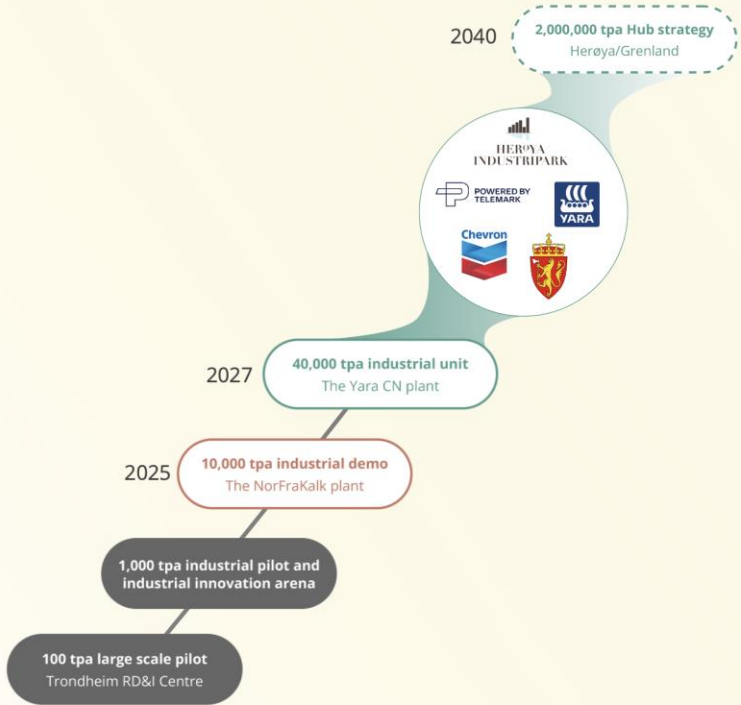
Compared to the existing alternatives of chemical-based carbon capture with high complexity installations, our clean and green technology – [“Carbon Capture by Nature”](#) – lowers risks and costs, thereby increasing the decision making speed towards a full scale capture. We offer energy efficient carbon capture solutions tailored to your industry’s emission. At our R&D Center in Trondheim, Norway, we offer services to get you started, and to ensure our solutions will fit your need.

Explore services ↓

Explore products ↓



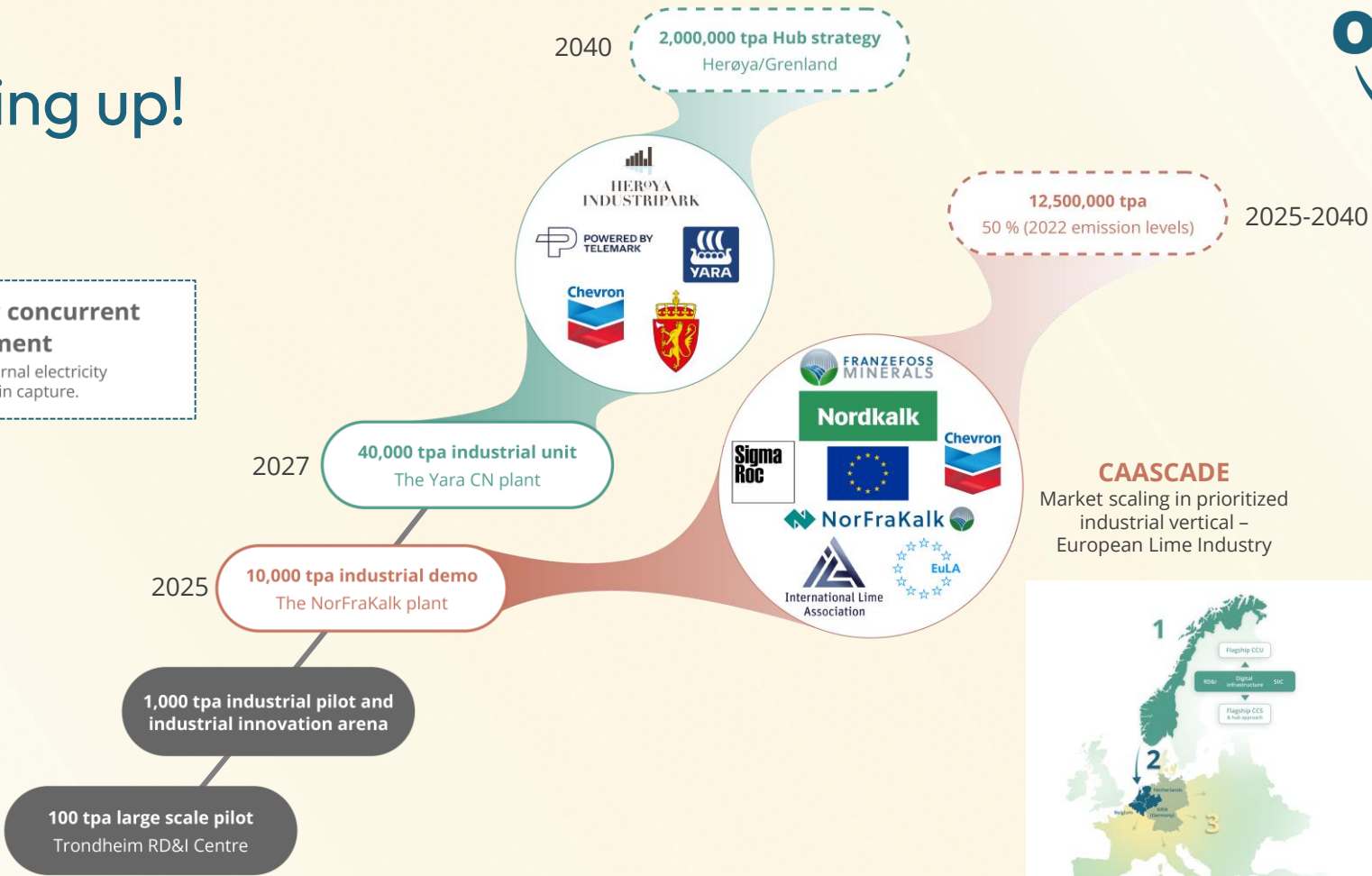
Key assets and targets in the domestic market





Stepping up!

Strategic concurrent development
Lowering external electricity consumption in capture.





Quicklime and cement

Franzefoss Minerals and NorFraKalk leads the way

- Franzefoss Minerals operates one of Europe's largest sources of limestone, located in Trøndelag
- Ambitions to double today's production of ~250,000 tonnes of quicklime in the near future
- Finalized a feasibility study for a 10,000 tonnes pilot.

Why is OGL the natural choice?

- NFK has no waste heat
- Superior HSE performance and energy efficiency.
- The process is robust to the cyclical variations in flue gas flow and composition





NorFraKalk feasibility study

Key findings from the completed study

The study has developed a process design and created a modular concept for a demonstration plant, including documented estimates for CAPEX, OPEX, and energy consumption

Ocean GeoLoop's technology and solution:

- is resilient to process disruptions, both planned shutdowns and unexpected outages at the main plant
- can capture CO₂ at an electricity cost in the range of 200 kWh/tonne for the case at hand

Ocean GeoLoop has built an industrially experienced and professional supply chain able to deliver modularised designs, with yard capacity in Norway, Europe and Asia

We offer flexibility in finding the best financial and operational set-up and business models adopted to the customer's needs.





Trønder-Avisa

03.12.24

Trønder-Avisa har tidligere fortalt at en av de største ambisjonene selskapene har i dag er å gå over fra å være en klimaversting, og heller bli bransjeledende innen nullutslipp av klimagasser. I dag har brentkalkfabrikkene CO₂-utslipp på rundt 200.000 tonn i Verdal og 60.000 tonn i Inderøy. I Verdal står de med det for nesten 70 prosent av de totale klimagassutslippene i kommunen.

Hanne Markussen Eek gjentok disse ambisjonene da hun hadde besøk av klima- og miljøministeren. Å være klimavennlig, å kutte utslippene av CO₂, vil være helt nødvendig framover. Hun beskrev det som et være eller ikke være.

– Det vi vet er at verden trenger brentkalk framover. Men det de trenger er grønn brentkalk. Markedet er mer og mer opptatt av fotavtrykket de setter på klima og miljø. Det er de som gjør noe nå som er med videre, sa hun og sørget for å gi Sandvik den nødvendige informasjonen slik at han kan forstå utfordringene som brentkalkprodusenten står oppe i.