



Ocean GeoLoop AS

Company Presentation

October 2022



The combined climate, environment and resource crisis is a major challenge and needs a holistic solution



Escalating emissions increase the global temperature, resulting in a major climate crisis



Man-made emissions causing ecosystem collapse and loss of biological diversity in the oceans



A growing world population requires an increasing amount of sustainable, local resources (energy, food, materials)

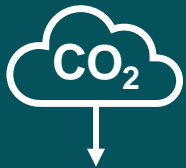
Ocean GeoLoop is established to commercialize green, disruptive technologies with a global reach



Our solutions are aimed at solving the greatest challenge of our time; a combined climate, environment and resource crisis



Based on more than 15 years of research & development together with international partners



Copying nature to bypass costly and polluting processes



Highly scalable solutions with significant, global potential



Management with diverse and complementary industry backgrounds to take the company through to full commercialization

Chief Executive Officer – Odd Geir Lademo



- More than 25 years of experience in SINTEF and NTNU. Research Manager in Department of Materials and nanotech, SINTEF Industry. Adjunct Professor at NTNU. Member of core team of high-ranking research centers, SFI SIMLab and SFI CASA
- Extensive national and international industry networks
- M.Sc and Ph.D from Department of Structural Engineering, NTNU

Chief Financial Officer – Maria Terese Hosen



- 18 years of experience from auditing, accounting and operational operation from Pw C, Selvaag Bolig, Western Bulk and Mestergruppen
- Strong and versatile leadership skills, highest ethics, and broad experience in different industries, domestic and international
- M.Sc in Economics, M.Sc in Auditing and Accounting from NHH

Chief Operating Officer – Viggo Iversen



- Extensive renewable energy experience from NVE, Enova SF and Proneo
- 10 years experience from Proneo where he was responsible for the advisory business providing business development and innovation services to +40 companies annually
- Cand. Agric. from the Norwegian University of Life Sciences in Resource Economics

Chief Project Officer – Lars Strøm



- More than 20 years experience from chemical and process industries from Borregaard, Norske Skog, NorFraKalk and Aibel
- Leadership experience from intl. process and product development
- Degree in Chemical and Process Engineering from University of Surrey and MBA from Griffith University, Australia

Chief Construction Officer – Jan Arne Berg



- Over 30 years experience from oil & gas industries. Former General Manager / Vice president at Kvaerner in Verdal managing a product- and technology company
- Broad skillset in business development, sales & marketing, management and has an extensive network
- B.Sc in Mechanical Engineering from Trondheim College of Engineering

Chief Technical Officer – Carlos Delgado



- More than 20 years of international experience in the Oil & Gas Industry within engineering, manufacturing, business development, and management.
- Experience with founding and managing a technology development start-up focused on reducing CO₂ emissions.
- Electrical Engineering graduate.

Chief Commercial Officer – Ove Lande



- 15 years experience in investment management and capital markets from Skeie Alpha Invest and Terra Securities
- Significant business experience as former consultant at BearingPoint
- M.Sc in Financial Economics from The Norwegian School of Economics

Management with diverse and complementary industry backgrounds

Active and experienced Board of Directors

Chairman – Anders Onarheim



- CEO BW LPG Ltd
- Chairman North Energy ASA
- Vice chairman Reach Subsea ASA
- Extensive experience from Capital Markets as CEO of Carnegie and Executive Director Goldman Sachs in London

Board Member – Hans Kristian Hustad



- 45 years of experience in running operations & board director/chairman positions in the Nordics, CEE, and UK
- Previously CEO and chairman of Booker cash and carry
- Lead from the Reitan side bringing Rema 1000 International AS to the stock exchange through a merger with Narvesen ASA
- Chairman OceanTunicell, OceanBergen, Ocean TuniFeed

Board Member – Ole Jørstad



- CEO and owner of K4 Eiendomsutvikling AS
- Chairman of several companies in the SMB business in Middle Norway
- Member of Executive Committee in The Norwegian Olympic and Paralympic Committee and Confederation of Sports
- Member of Executive Committee in European Handball Federation

Board Member – Lars Sperre



- Senior Vice President Corporate Strategy of Norske Skog ASA
- Former interim President and Chief Executive Officer of Norske Skog ASA for a period of approximately one and a half years
- Previously part of Norske Skog Group's Legal Council and Vice President Legal
- Former associate lawyer at Norwegian law Firm Wikborg Rein

Board Member – Ebbe Deraas



- Former Colonel and CO of HV-12
- Chief of Staff UN forces Sudan (UNMIS/UNMISS).
- SSO Defence Staff, Chief transformation in the Norwegian Army, Chief operations Regional Command South-Norway.
- Extensive experience in general management and network building, business and project development

Board Member – Morten Platou



- Partner, law firm Schjødt
- MA, jurisprudence, University of Oslo, 2010
- LL.M., Georgetown University, DC, USA, 2012
- Specialist tax law and corporate law
- Extensive experience within mergers & acquisition, restructuring, financial structures & incentives

How we work

Ocean GeoLoop consciously and actively works in a broad international network - in line with the model illustrated.

- New, industrial partnerships are constantly being established, nationally and internationally. Through a set of pilots, the company has linked up an exciting and growing supplier network
- The company has engaged key personnel from internationally recognized R&D institutions to assist with technology development in various phases
- Through a total of 4 private placements the company has raised approximately NOK 360 million from national and international investor segments
- The company works actively with and involves authorities, policy makers, clusters and business organizations



Selected partners



Established a strong industrial partnership and OGL's main piloting partner

LOI



Shareholder and complementary industry partner

MoU



LOI signed and considering potential applications for CCS

LOI



Reputed research partner with a wide range of specialists within OGL's core areas

R&D and commercialization



Delivers the enabling technology powering Ocean GeoLoop's solutions

Enabling supplier



Has an ambition to be the world's first carbon neutral aluminum producer

LOI



World's leading crop nutrition company and a provider of environmental and agricultural solutions

Knowledge grows

LOI



Component and sub-system supply

Enabling supplier



An innovative and motivated partner dedicated to find sustainable CO₂ solutions

LOI



Government of Iceland

Established a working group to reduce atmospheric CO₂ and produce biomass

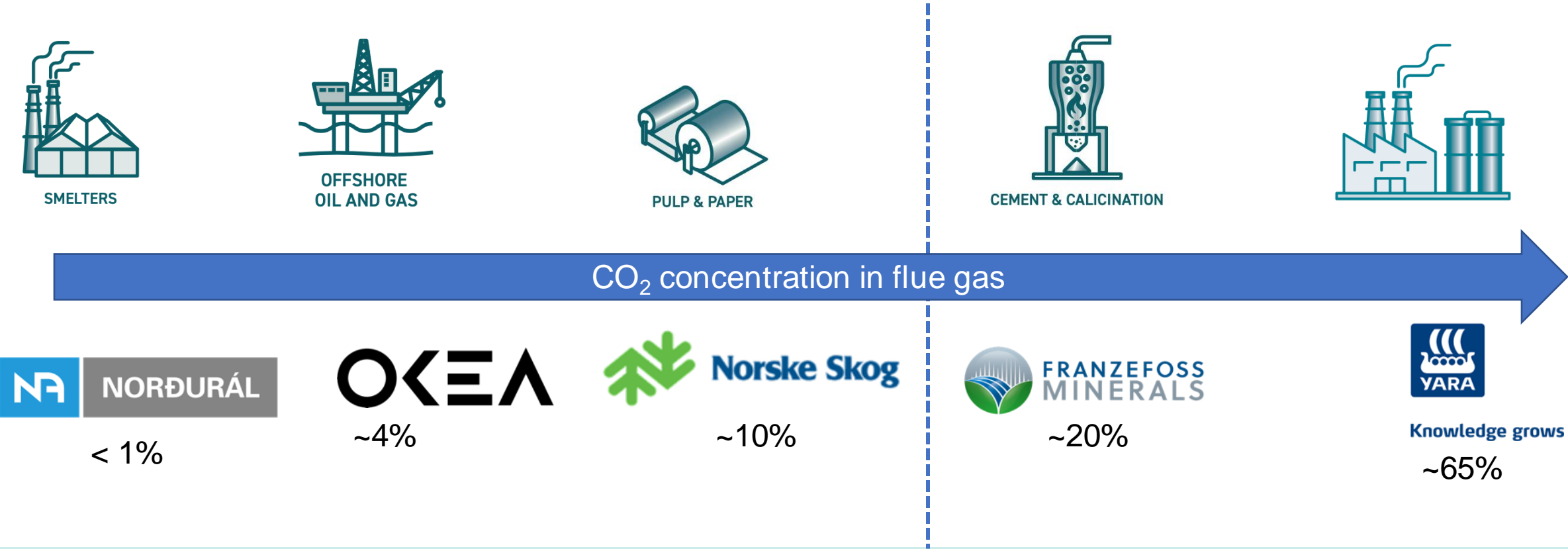
LOI



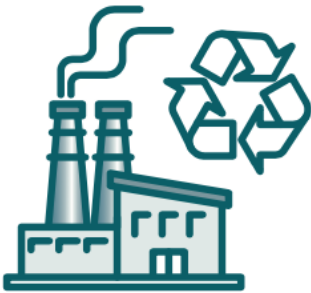
An e-methanol pioneer with more than a decade of operational experience

LOI

Point source carbon capture covers a wide range



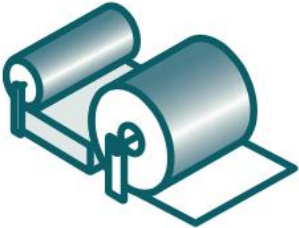
Adressable industrial market segments



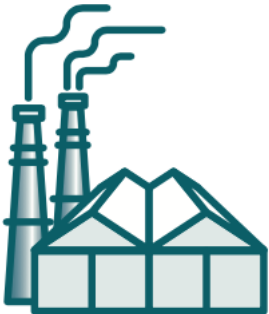
WASTE TO ENERGY



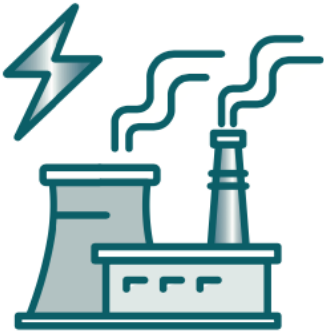
BIO TO ENERGY



PULP & PAPER



SMELTERS



ONSHORE GAS
TO POWER



OFFSHORE
OIL AND GAS

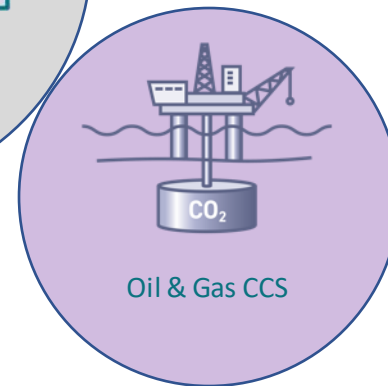
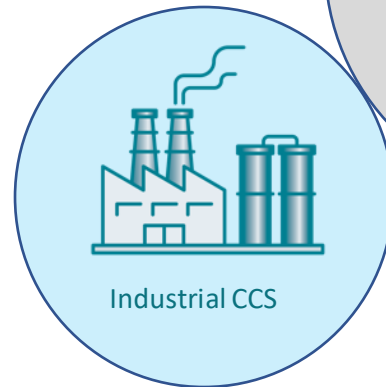
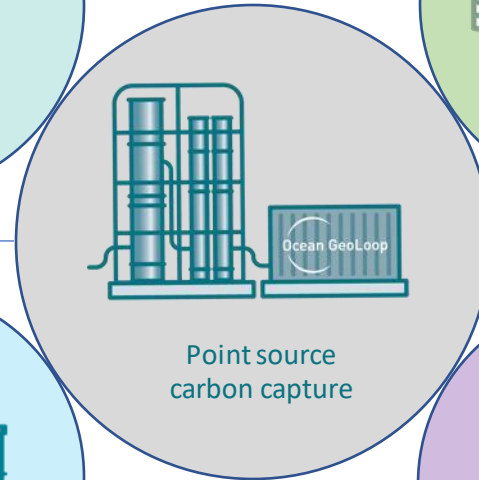
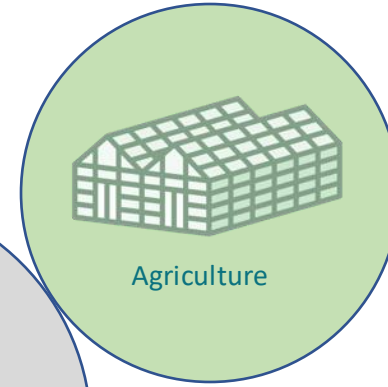
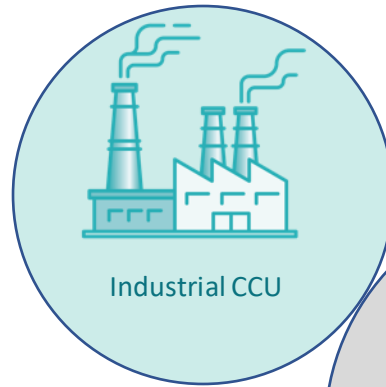


ONSHORE
OIL AND GAS



CEMENT & CALICINATION

Market potential Ocean GeoLoop



CO₂ is a valuable resource that can be utilized in several markets, representing significant revenue potentials for Ocean GeoLoop.



CCU

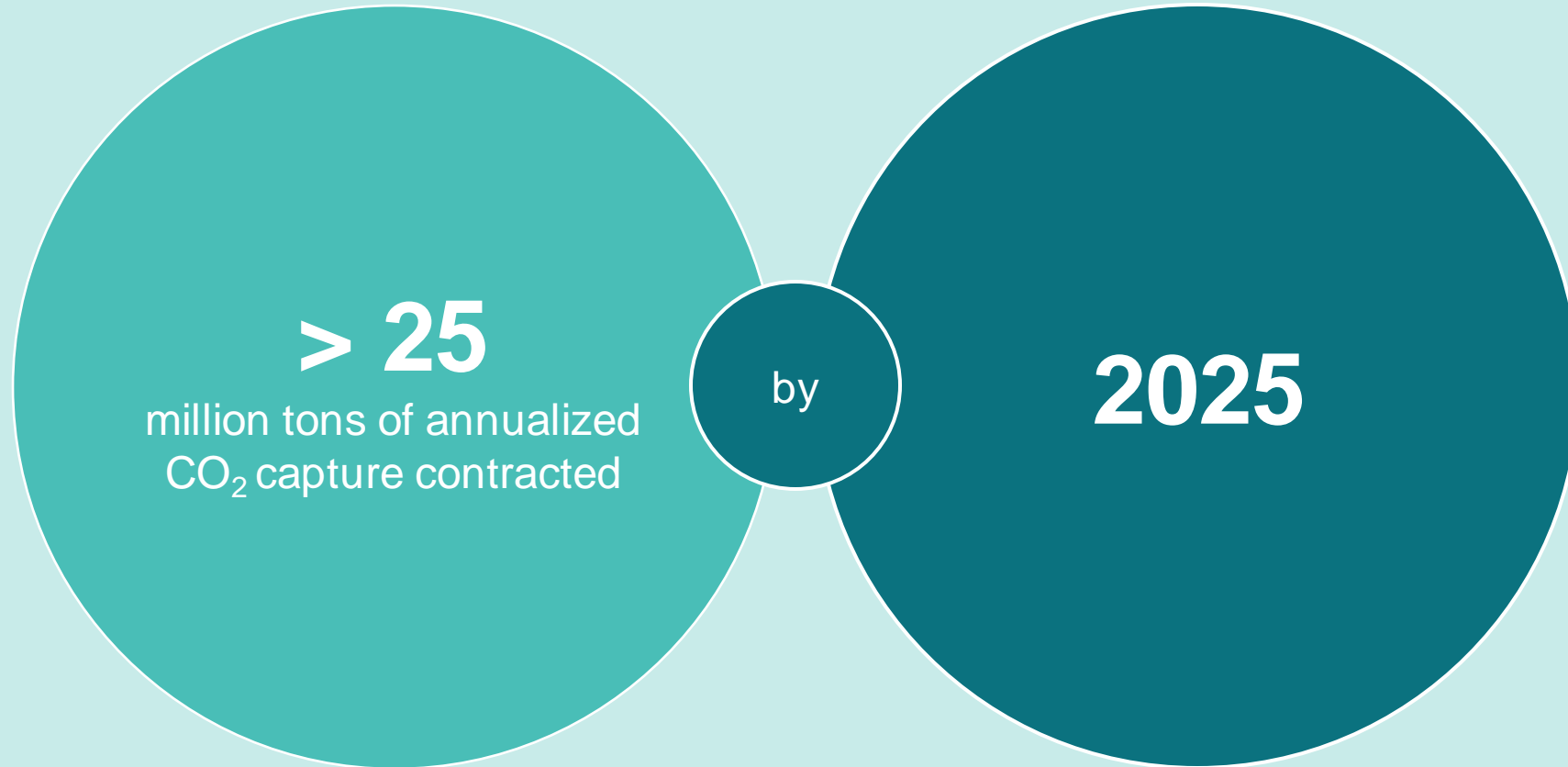


CCS



The carbon price is rising, leading to increased attractivity of CCS and Ocean GeoLoop's offering.

Ocean GeoLoop presents a clear 2025 vision...



Attractive and scalable business model with multiple revenue streams

Business model

BOO

Build-Own-Operate to capture upside and recurring revenues enabled by low CapEx and OpEx

Diversified

Multiple revenue streams

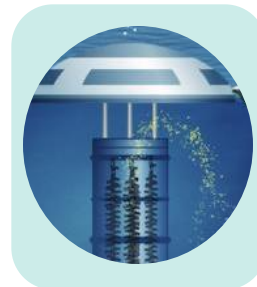
ESG

Unique solutions to critical, global challenges

Product



Point Source Capture



GeoLoop Column/re-remediation

Revenue stream

- Revenue per ton CO₂ captured
- Generation 3: self-financed through locally produced electricity

- Sale of biomass (animal nutrition)
- Ocean remediation paid by industries, sponsors, local and national governments

Ocean GeoLoop uses Fiborgtangen as our main piloting arena. The red circle shows the location of the carbon capture pilot.





Ocean GeoLoop

The process at our carbon capture pilot plant has three basic steps

1

Pre-wash of the
flue gas

2

Absorption

3

Desorption



Features, some to be demonstrated during pilot



End of pipe solution



Clean and green



Universal absorption technology



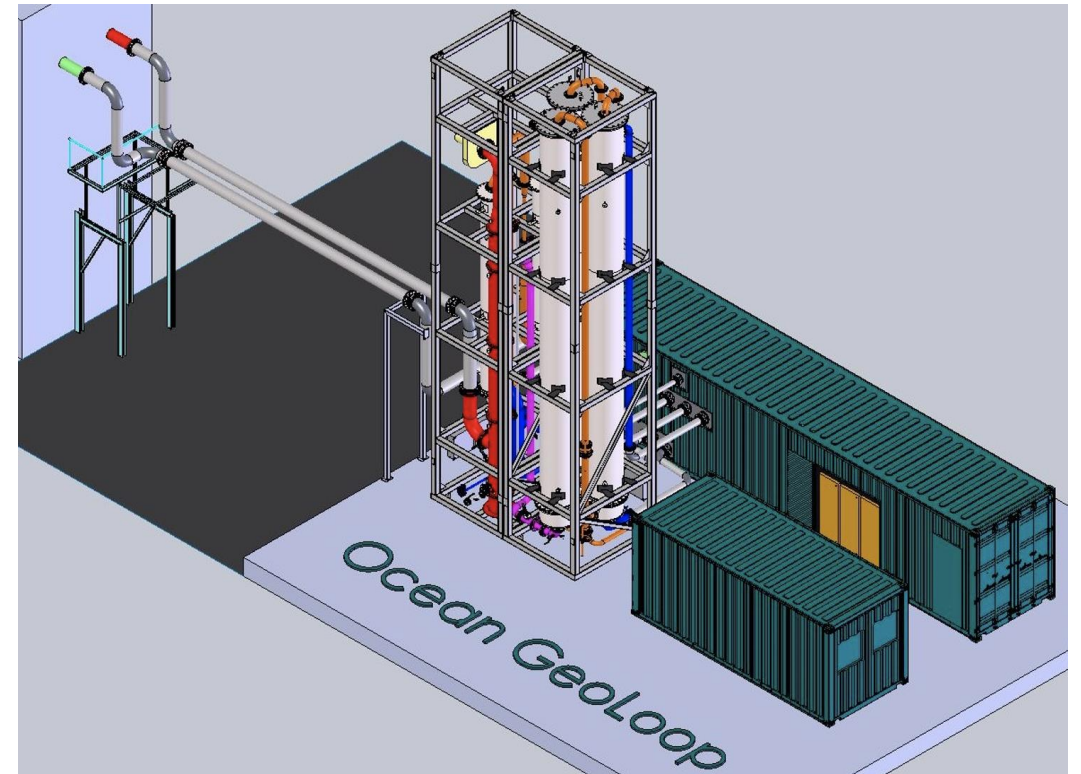
Low and flexible footprint



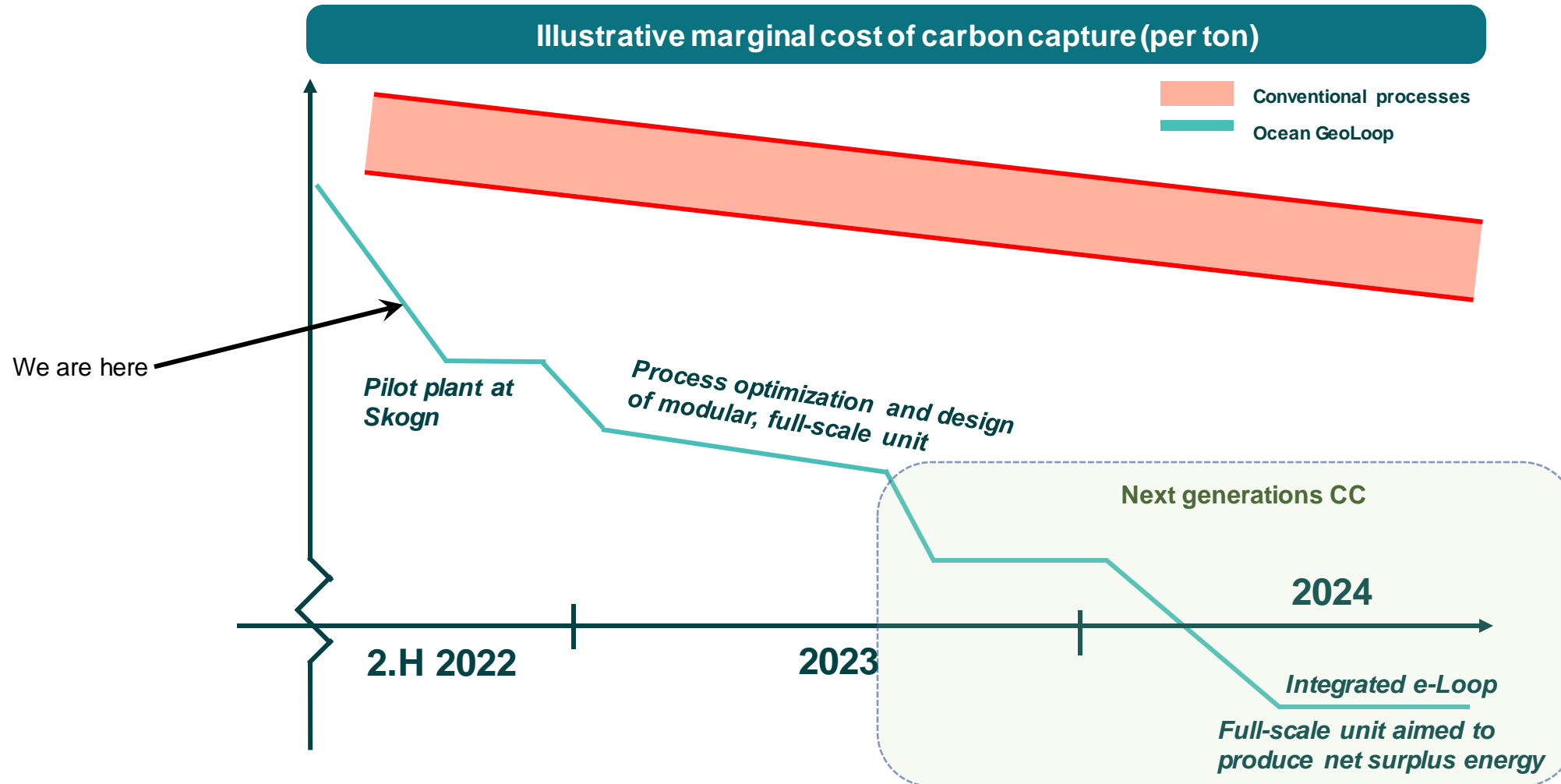
Highly stable and safe operations



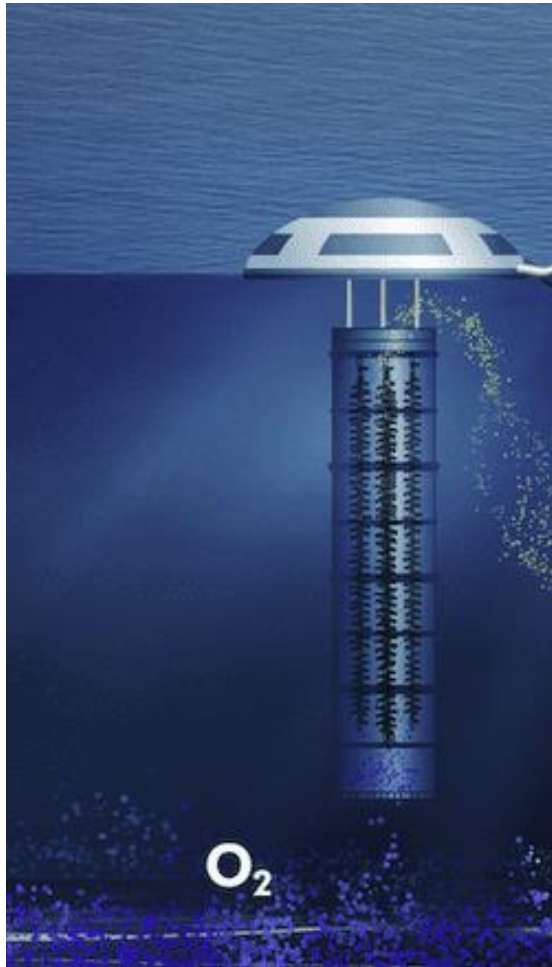
Lower capex and operating costs



The pilot will be extended during the coming months to improve performance



GeoLoop Column



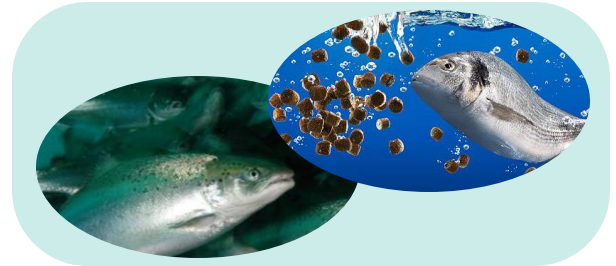
A multi-functional ocean-based system

- Ocean filtration/cleaning
- Oxygenation of the lower ocean layers
- Biomass generation via the filtering process, farming and harvesting

Two potential revenue streams

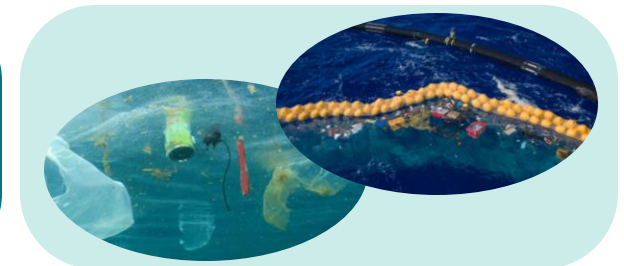
1

Biomass

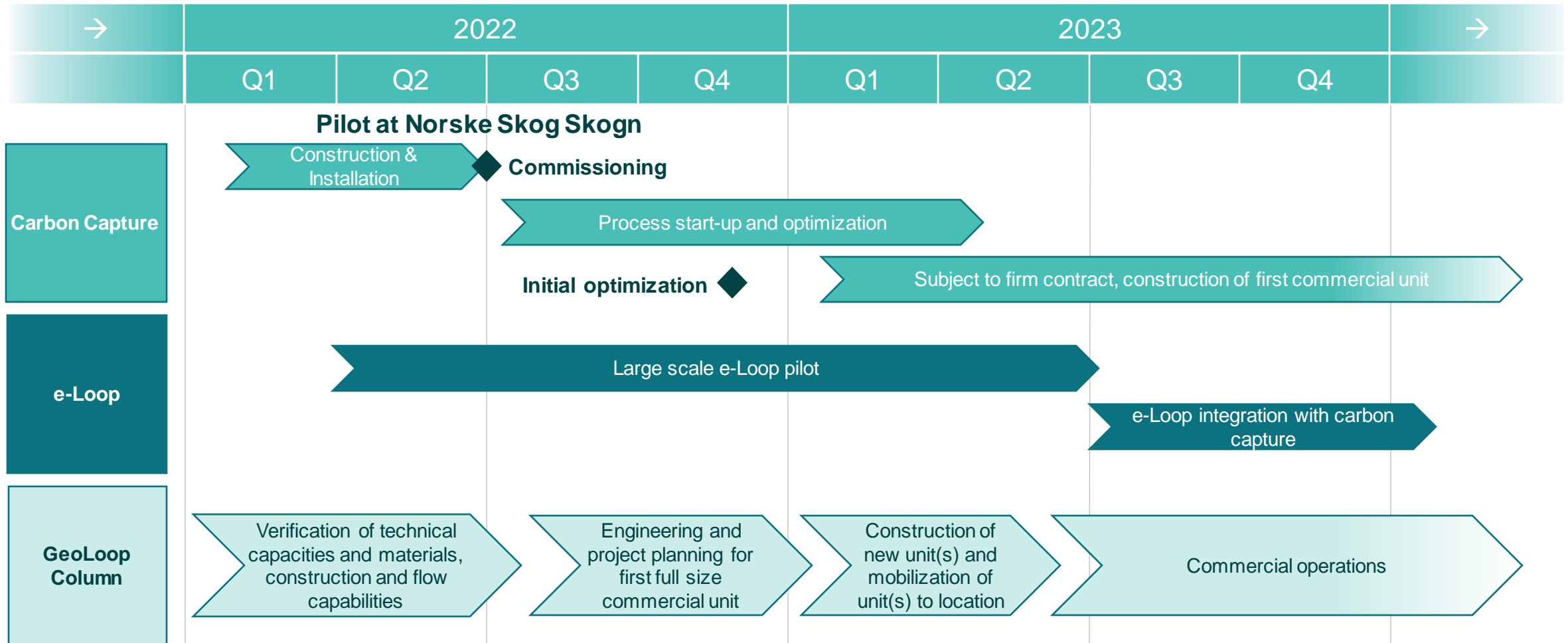


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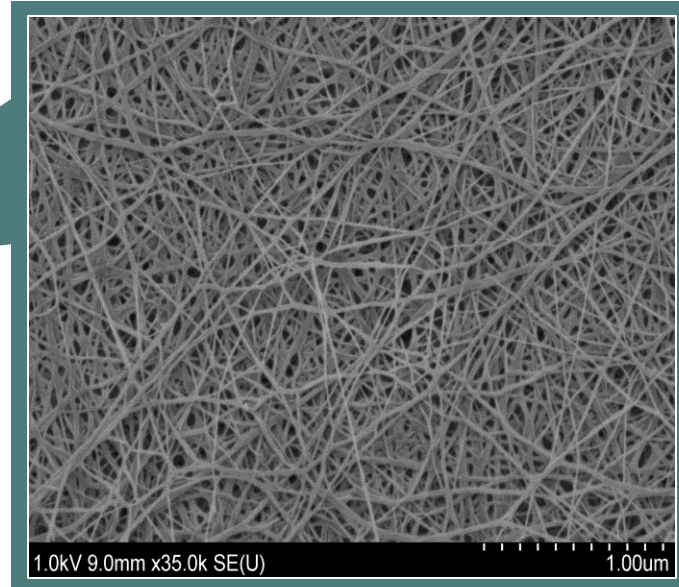
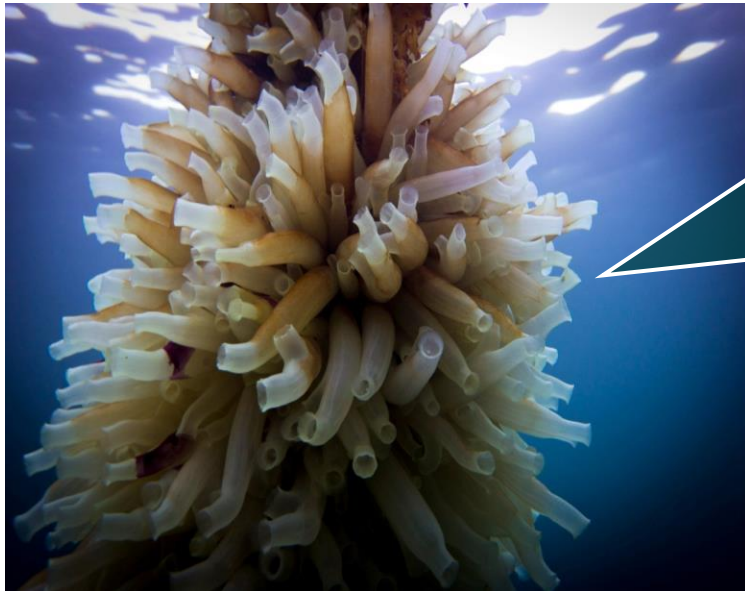
Cleaning the ocean



High level timeline for the entire business rollout



The enabler, a new marine biomass resource: Tunicates powering both carbon capture and GeoLoop Column



Nanofibrillated cellulose (same resolution)

Tunicates

- Unique, nanofibrillated cellulose from the only cellulose-producing animal in the ocean, the tunicate
- Developed by Ocean Tunicell in Bergen, and exclusively licensed to Ocean GeoLoop, for GeoLoop CCS/CCU and GeoLoop Column applications
- Enabling the generation of nanocavities powering the CO₂ gas separation, the e-Loop electricity production and buoyancy neutral oxygenation of the ocean column

More than 20 years of research to develop and industrialize the nanofibrillated cellulose

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