

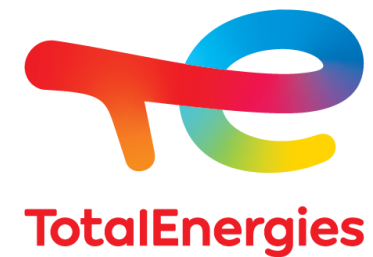


Adding value together for TotalEnergies and Norway's shared energy future

Operatørkonferansen 2022

Phil Cunningham

Country Chair and Managing Director
TotalEnergies Norway





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↙ DIESEL ↘

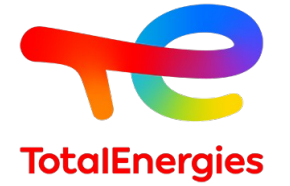
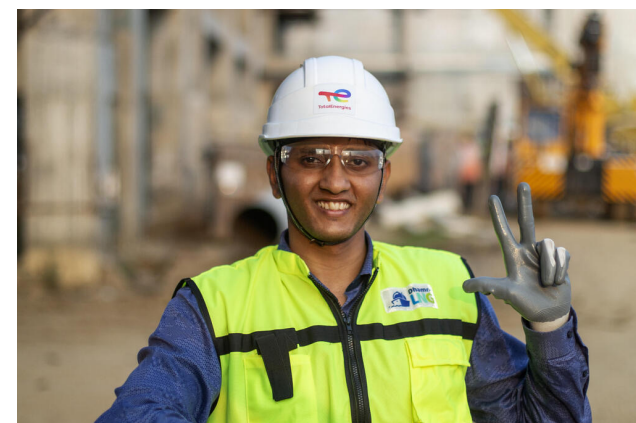
↙ excitium DIESEL ↘

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↙ excitium 98 ↘

↙ AdBlue ↘



TotalEnergies is a multi-energy company that produces and markets fuels, natural gas and electricity.

Our **100,000 employees** are committed to better energy that is **more affordable, more reliable, cleaner and accessible** to as many people as possible.

Active in more than **130 countries**, our ambition is to become **the responsible energy major** and reach **net zero emissions together with society within 2050**.

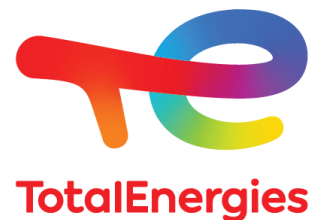
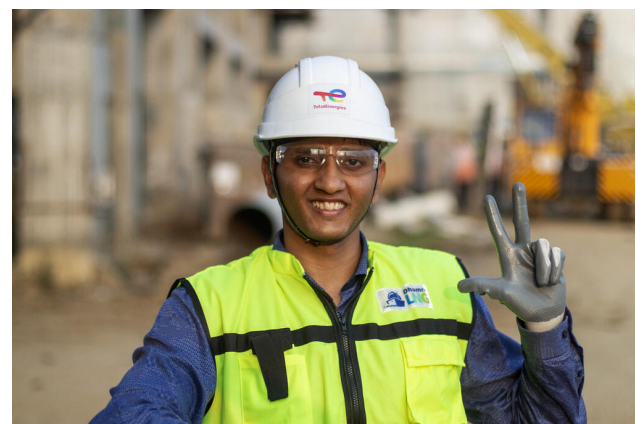


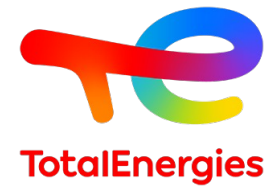
Our purpose

To add value together for TotalEnergies and Norway's shared energy future.



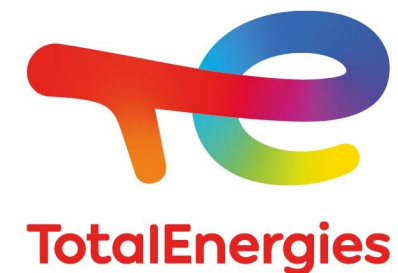
We will use our expertise, technology, commercial knowhow and financial strength to find, develop and improve Norway's energy resources. Both directly and through partnerships, our people will generate value for today and the long term.





**Our focus areas
working with
suppliers**

The Golden Rules: My Commitment, Our Safety



Energy is life.
 We all need it
 and it's a source of progress.
 So today, to contribute to
 the sustainable development of the planet
 facing the climate challenge,
 we are moving forward, together,
 towards new energies.

Energy is reinventing itself,
 and this energy journey is ours.

Our ambition is to be a world-class player
 in the energy transition.

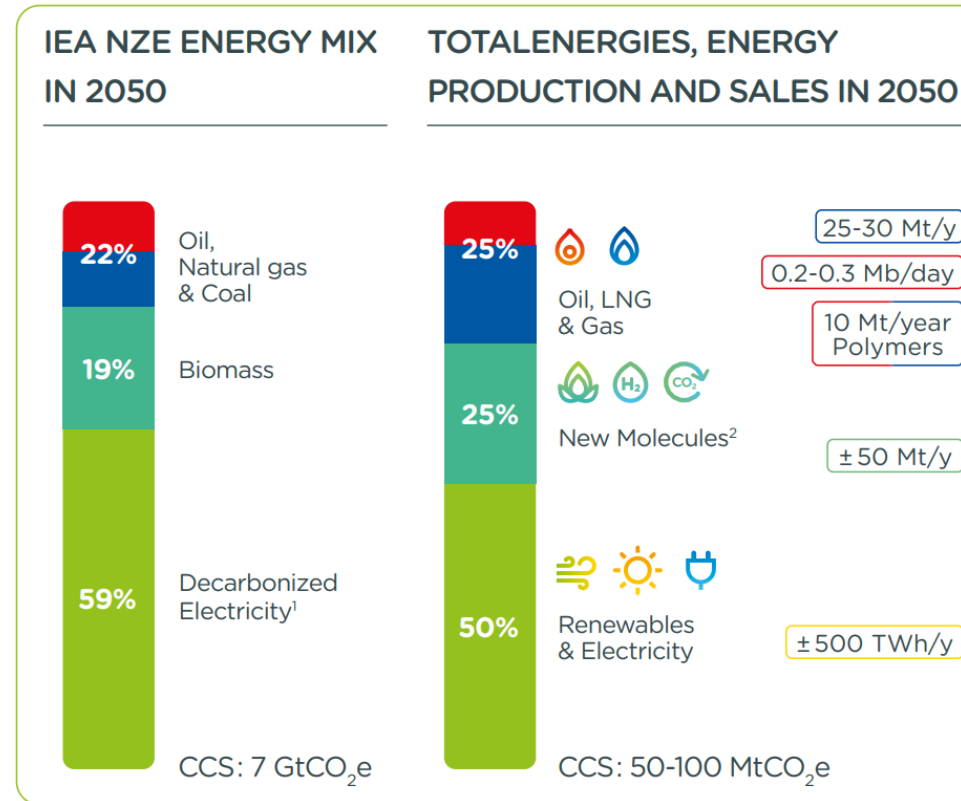
That is why

**Total is transforming and
 becoming TotalEnergies.**



TotalEnergies

A Vision of a Net Zero TotalEnergies in 2050, Together with Society



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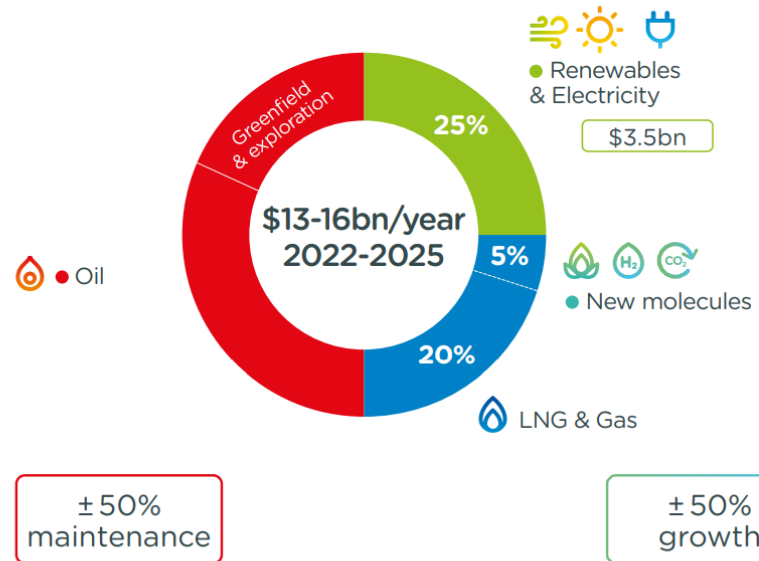
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TotalEnergies

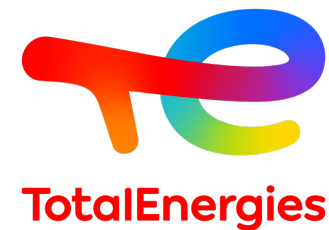
Investing to Build a Sustainable Multi-Energy Company

50% OF INVESTMENTS DEVOTED TO GROWTH





Our **solar panels**
are being installed





CLIMATE

• Reducing emissions (Scope 1 + 2)

Contribute to the reduction in emissions from the Company's facilities.

• Reducing emissions (Scope 3)

Encourage and support suppliers in reducing their emissions.



WELL-BEING OF PEOPLE

• Health & safety

Support our suppliers in improving prevention of health and safety risks.

• Human rights

Respect human rights in the supply chain.

• Diversity

Develop purchases from sheltered companies.

Working with Our Suppliers

TotalEnergies works with more than 100,000 suppliers of goods and services around the world, with purchases exceeding \$25 billion in 2021

Increasing the Local Content of Our Projects and Operations

TotalEnergies is committed to prioritizing local jobs and contracting for all purchases whenever possible and in accordance with operational constraints. Each large industrial project is carried out in accordance with an industrial strategy designed to maximize the impact for the host country in terms of local jobs and value creation through purchasing (consideration of the local content impact in selection processes), manufacturing, support for local business and development of local skills (professional training). This approach is current-

Performing Environmental Audits of Suppliers

TotalEnergies promotes care for the environment in its supply chain. Starting in 2023, environmental audits of suppliers will be deployed, with a specific focus on responsible use of natural resources such as water.



CARE FOR THE ENVIRONMENT

• Environmental footprint

Reduce our supply chain's environmental footprint: water, air and land.

•Circular economy

Include circular economy principles in procurement.

• Biodiversity

Contribute to the protection of biodiversity in collaboration with our suppliers.



CREATING SHARED VALUE

• Shared value

Prevent and fight conflicts of interest and corruption in procurement.

• Host territories

Support small and mid-sized enterprises in their local growth and international development.



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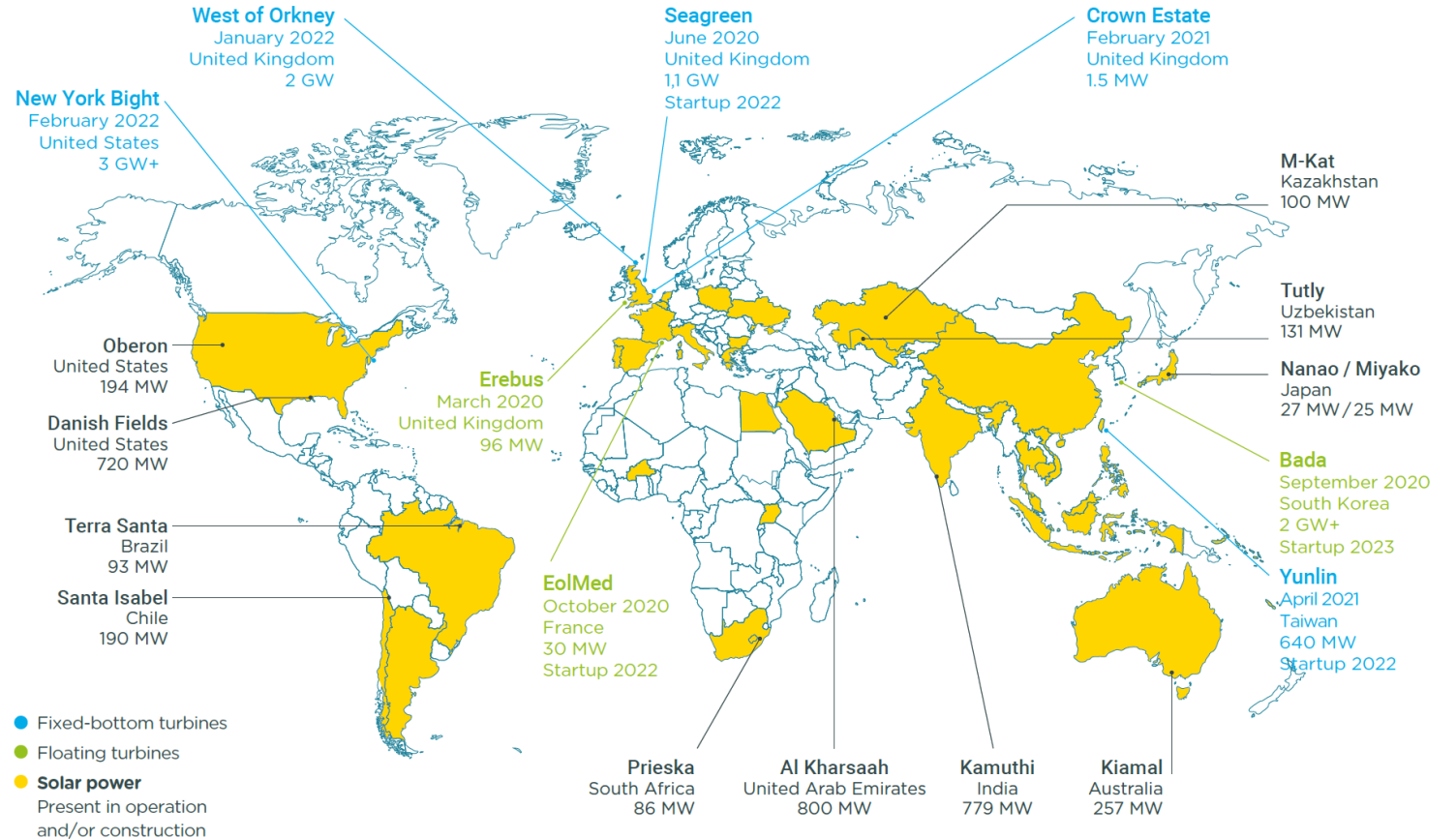
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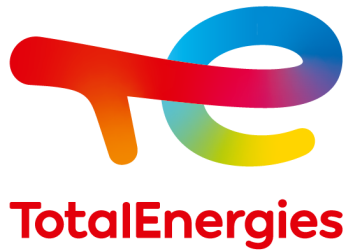
TotalEnergies

Opportunities to gain international experience within renewables TotalEnergies' world-wide offshore wind and solar projects

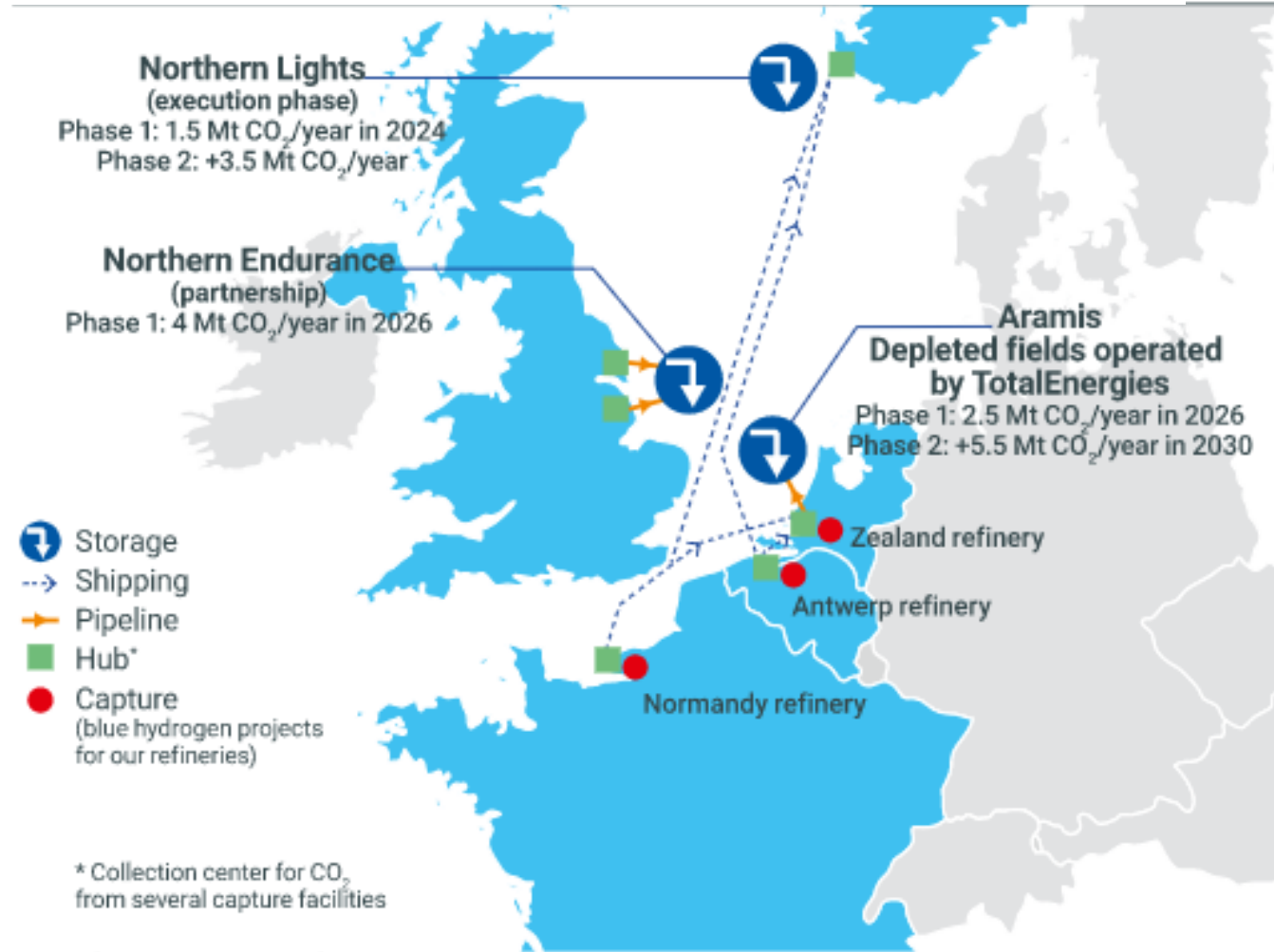


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Capturing and storing carbon at our facilities Building a North Sea CCS business



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TotalEnergies

TotalEnergies in Norway Renewables, CCS and decommissioning in 2023

2021 investment
650 million EUR

2021 production
219,700 boe/d

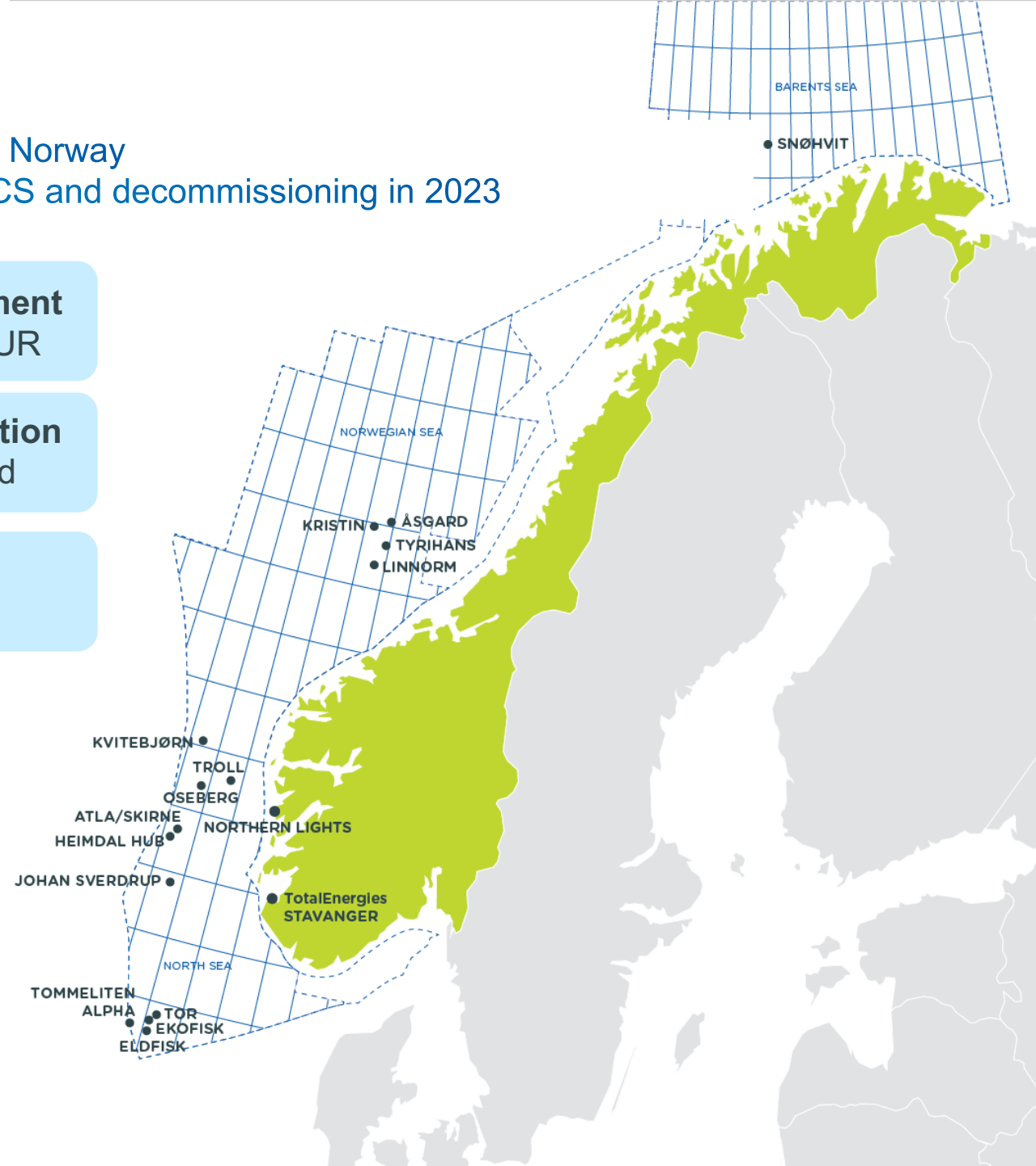
980+ million
boe reserves



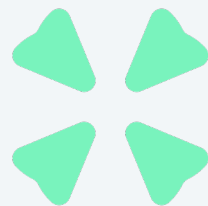
Skjoldblad



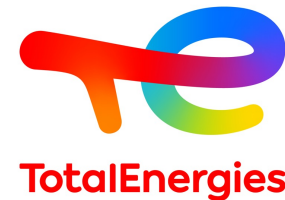
Northern
Lights



A consortium with leaders in renewable energy, a long-standing presence in Norway, and a vision for developing a strong and sustainable Norwegian offshore wind industry.



Skjoldblad



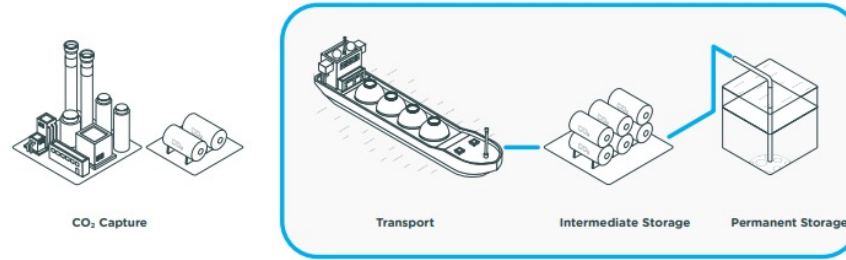
Utsira North

Utsira North will be developed around 25 km off the coast of Karmøy with an expected capacity of around 1,500 MW.

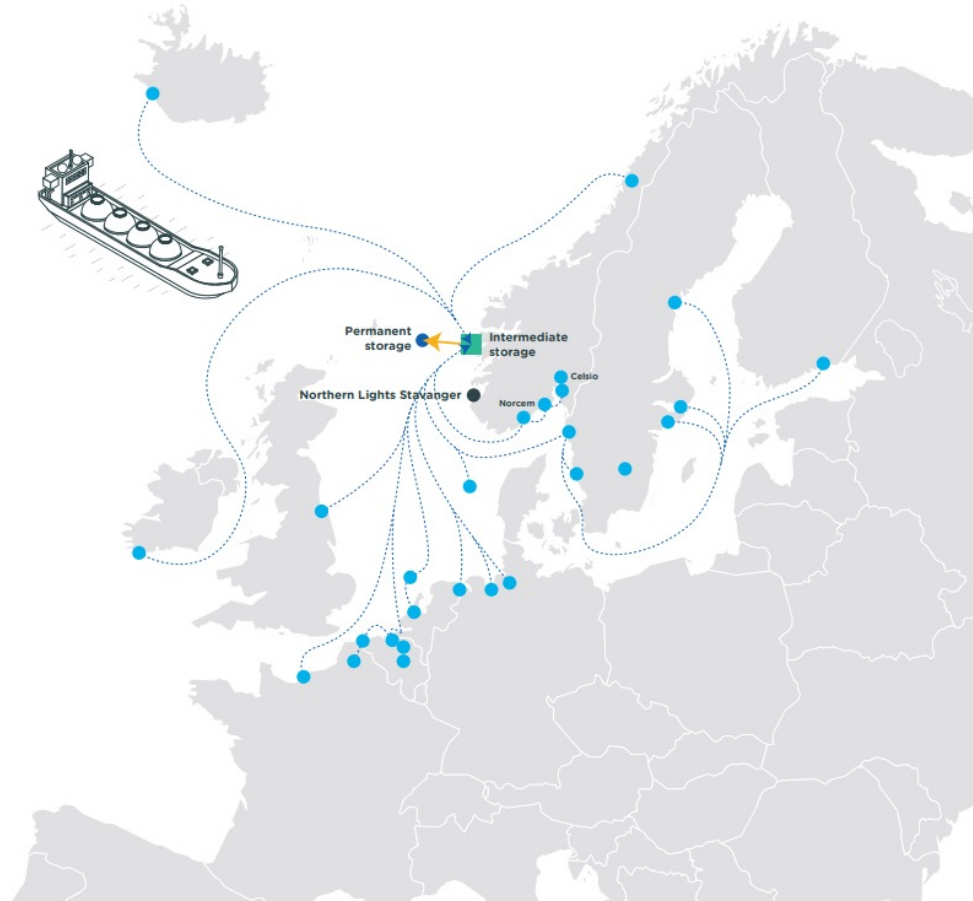


Southern North Sea II

Southern North Sea II is located approximately 140 km off the coast of the Agder Region and is expected to be developed in two phases, each phase having a capacity of around 1,500 MW.



- First mover
- Strong partnership
- Open to all industries



Northern Lights

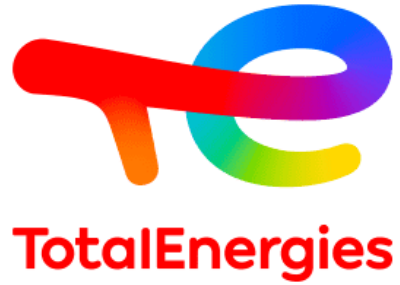
CO₂ transportation and storage solution

TotalEnergies is a 33% partner in the world's first commercial scale, open-source CO₂ transportation and storage infrastructure network, in operation from 2024.

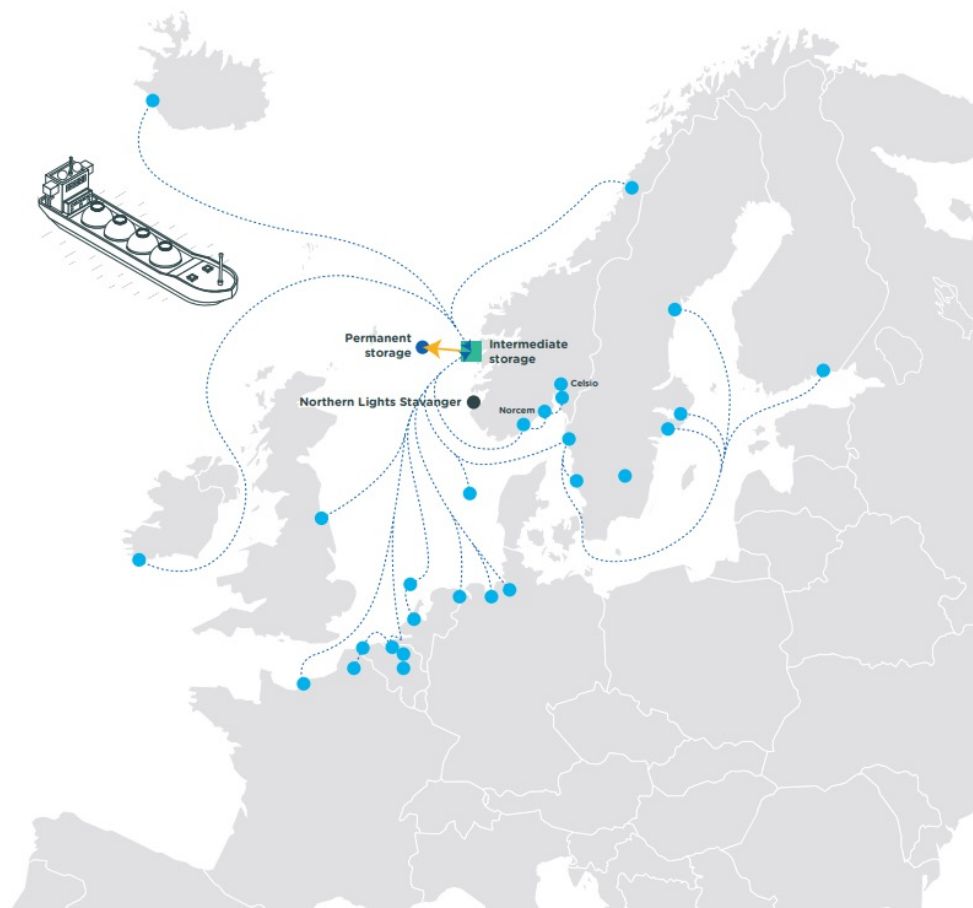
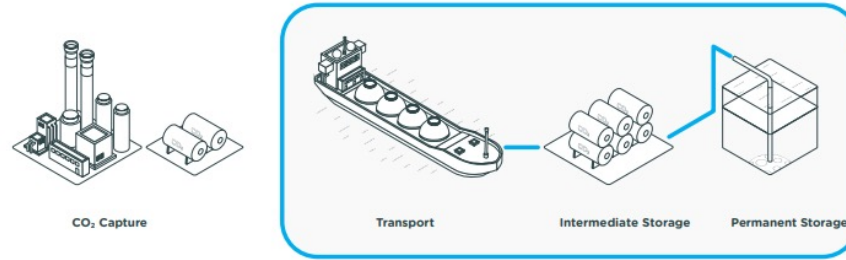
Part of Norway's Longship CCS value chain, which includes capture of CO₂ from Norcem and Celsio, industrial point sources in the Oslo region.

Northern Lights phase 2 will connect multiple emitters across Europe for permanent and safe storage of CO₂. Phase 2 front end engineering and design started June 2022.





We are also preparing for **TotalEnergies** operated CO₂ transportation and storage solutions in **Norway**



Northern Lights CO₂ transportation and storage solution

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Skirne, Byggve and Atla Decommissioning 2023 - 2026

Context and expectations

Gas/condensate fields developed by three subsea wells tied back to Heimdal

Heimdal ceases production 30 June 2023

Decommissioning approved by the authorities in 2016

Safe, environmentally responsible and cost-effective campaign, in accordance with national legislation, TotalEnergies' standards and stakeholder expectations

Sub-project 1: Flushing and Cleaning (USD 22 million)

Offshore operations starting July 2023

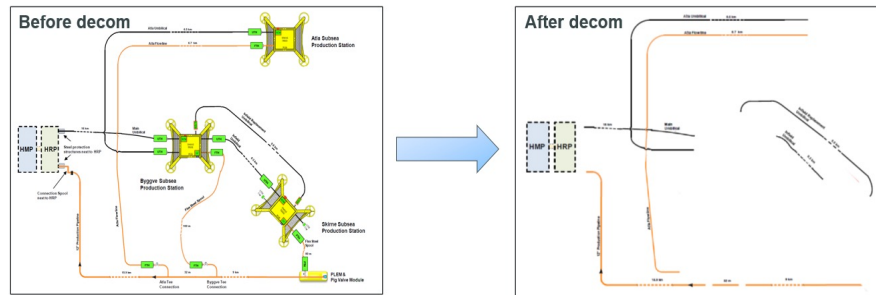
Sub-project 2: P&A and Removal (USD 140 million)

Geotechnical survey starting Q1 2023

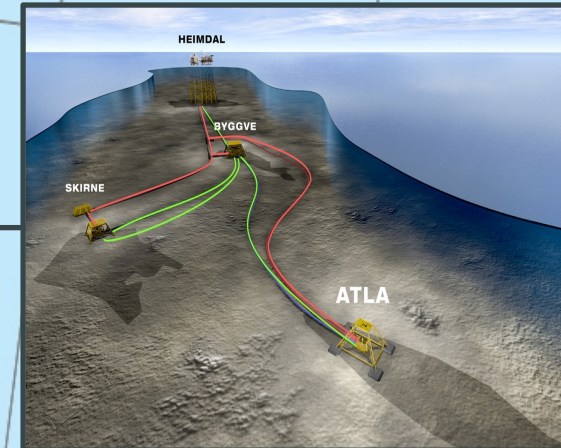
Estimated bid date rig Q2 2023

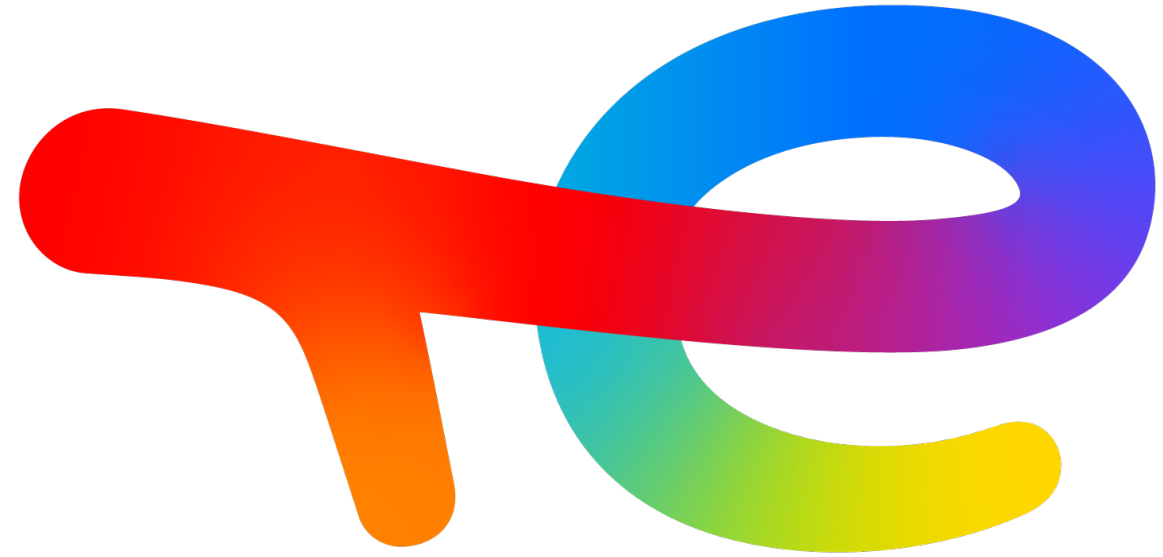
P&A 2024 / 2025 /2026

Facilities removal 2026



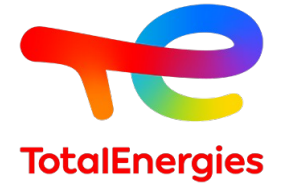
Licenseses	PL102 Skirne	PL102 C Atla
TotalEnergies	40%	40%
Petoro	30%	30%
Lotos	30%	20%
Aker BP	-	10%





TotalEnergies

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