



Mission of Norway
to the European Union

Tar CCS endelig av i Europa?

Ragnar Semundseth

Spesialutsending for energi





Olje- og energidep @oeddep · 16h

The North Sea is open for storage business! Formalizing the world's first MOU for cross border CO₂-transportation and storage. Congratulations @yara and @NorLightsJV! A big day for you, and a big day for the decarbonization of Europe. @NorwayEU



The Development of Carbon Capture and Storage in the European Economic Area

SAVE THE DATE



30 January 2024



EFTA House, Brussels



Kadri Simson @KadriSimson · Oct 24

From being our biggest supplier with natural gas, to wonderful new opportunities regarding #hydrogen & #CCUS, #Norway is one of the most important partners in #energy for the EU.

Today, we held another issue of the EU - Norway Energy Dialogue to discuss the way forward.



Mission of Norway to the EU 🇳🇴 @NorwayEU · 20h ...

🇳🇴 State Secretary @EliSather from @energidep is participating at the 🇪🇺 informal Energy Council chaired by the 🇧🇪 Energy Minister @TinneVdS. Discussions on advancing sustainable energy infrastructure. Norway has a close cooperation with the EU in the energy field. #EU2024BE



CCS i Europa (del 1)

L 140/114

EN

Official Journal of the European Union

5.6.2009

DIRECTIVE 2009/31/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

of 23 April 2009

on the geological storage of carbon dioxide and amending Council Directive 85/337/EEC, European Parliament and Council Directives 2000/60/EC, 2001/80/EC, 2004/35/EC, 2006/12/EC, 2008/1/EC and Regulation (EC) No 1013/2006

(Text with EEA relevance)

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty establishing the European Community, and in particular Article 175(1) thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Economic and Social Committee ⁽¹⁾,

After consulting the Committee of the Regions,

in the context of the envisaged global reduction of greenhouse gas emissions of 50 % by 2050, a reduction in greenhouse gas emissions of 30 % in the developed world by 2020 is required, rising to 60 %-80 % by 2050, that this reduction is technically feasible and the benefits far outweigh the costs, but that, to achieve it, all mitigation options must be harnessed.

- (4) Carbon dioxide capture and geological storage (CCS) is a bridging technology that will contribute to mitigating climate change. It consists of the capture of carbon dioxide (CO₂) from industrial installations, its transport to a storage site and its injection into a suitable underground geological formation for the purposes of permanent storage. This technology should be developed and deployed in order to



CCS i Europa (del 1)

NEWS > POLICY

CCS runs into financial difficulties

UK and others struggle to hit financing deadlines.

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energy**post**.eu

THE BEST THINKERS ON ENERGY

Newsletter Search Categories

The carbon-capture dream is dying

Special Report

Demonstrating carbon capture and storage and innovative renewables at commercial scale in the EU: intended progress not achieved in the past decade

(pursuant to Article 287(4), second subparagraph, TFEU)



EUROPEAN
COURT
OF AUDITORS



Mission of Norway
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CCS i Europa (del 2)

DEBATT

Karbonfangst og -lagring: Norge trenger drakhjelp fra EU

Den store CCS-konferansen i Oslo bidrar til å binde norske politikere til masten. Har vi sagt A, så må vi si B – også når de store pengene skal bevilges.



Mission of Norway
to the European Union

Stavanger Aftenblad

CO₂-jakt, samles fiffen i Operaen

EU, ministre og næringslivstopper er på plass i Oslo for å jakte karbon. Skål.



Milepæl for samarbeid om CO₂-håndtering i Europa

Nyhet | Dato: 05.09.2019

[Read in English](#)

Torsdag samlet Olje- og energidepartementet og Europakommisjonen sentrale beslutningstakere fra politikk og industri til høynivåkonferansen om CO₂-håndtering i Oslo.



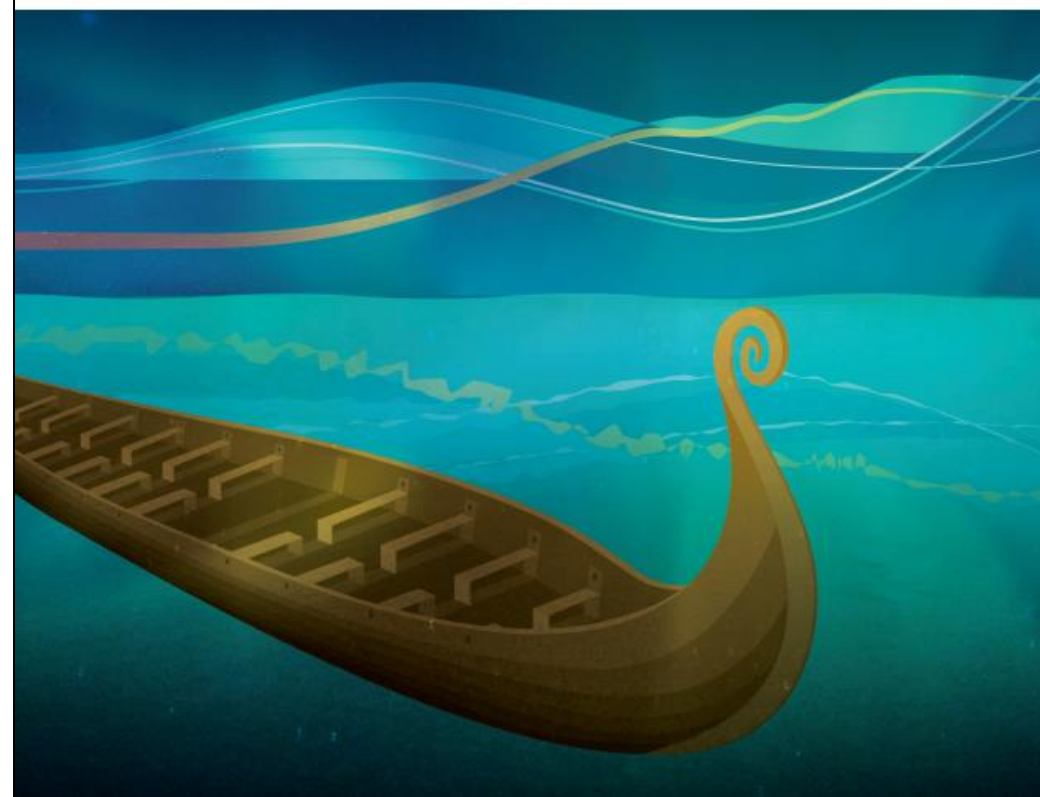
og energiminister Kjell-Børge Freiberg (f.v), Gassnova-direktør Trude Sundset og EUs og energikommisær Miguel Arias Cañete får omvisning av Oslo Fortum Varmesør for CCS-prosjektet på Klemetsrud, Jannike Gerner Bjerkås (t.h). Foto: Yngve /Norges delegasjon til EU

Meld. St. 33

(2019–2020)

Melding til Stortinget

Langskip – fangst og lagring av CO₂



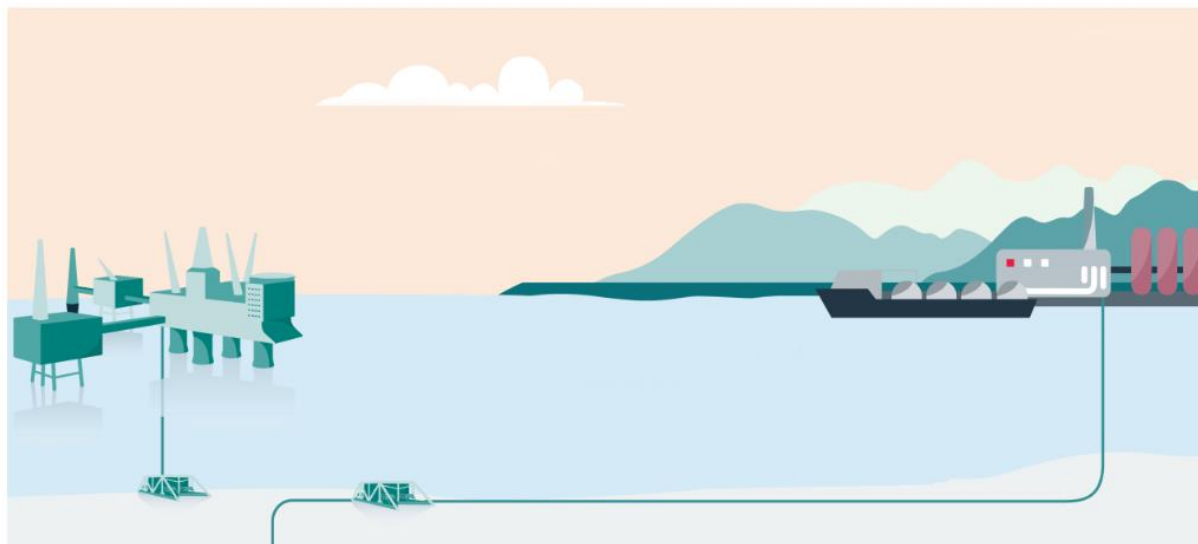
🔍 Søk

EN NO

Historisk investeringsbeslutning for transport og lagring av CO₂

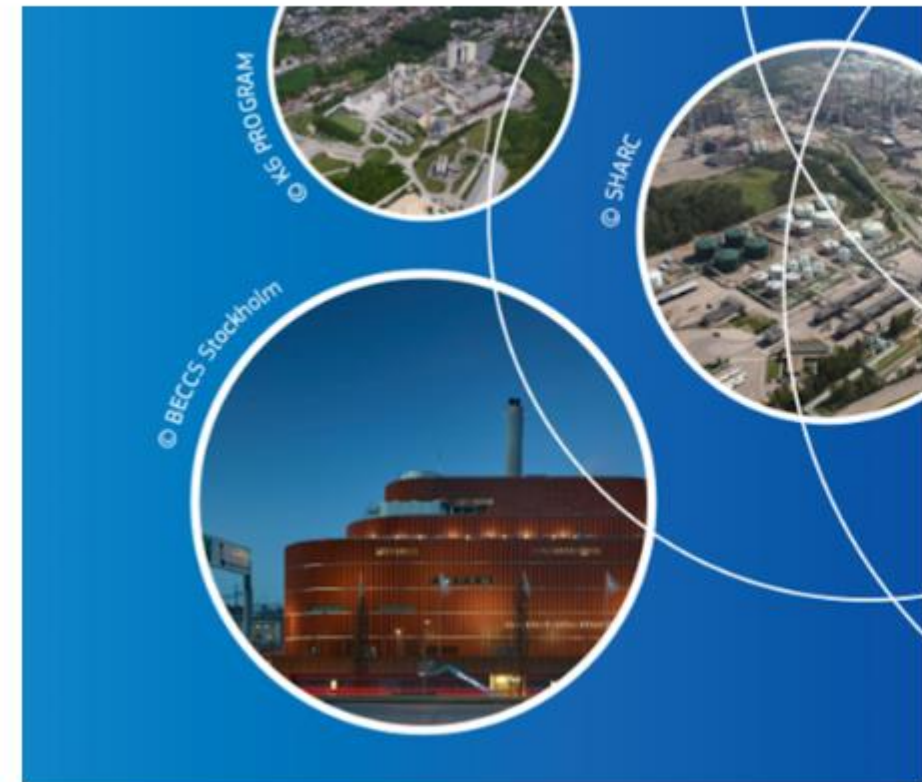


15. mai 2020 16:01 CEST | Sist endret 18. mai 2020 13:11 CEST



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Industrial Carbon Management Forum



The Industrial Carbon Management Forum (ICM Forum) is a robust stakeholder consultation platform established by the Commission in 2021, initially under the name CCUS Forum.

It aims to bring together representatives of the EU institutions, EU and third countries, NGOs, business leaders and academia to facilitate the deployment of industrial carbon management technologies.

ICM Forum and its Working Groups >



The WGs are established for 1 year, until the end of 2024.

- WG on CO₂ infrastructure
- WG on CO₂ standards
- WG on public perception
- WG on Carbon capture and utilisation (CCU)



Mission of Norway
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CCUS-forum i Oslo 27. - 28. oktober 2022





Strasbourg, 6.2.2024
COM(2024) 62 final

**COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN
PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL
COMMITTEE AND THE COMMITTEE OF THE REGIONS**

Towards an ambitious Industrial Carbon Management for the EU



Mission of Norway
to the European Union

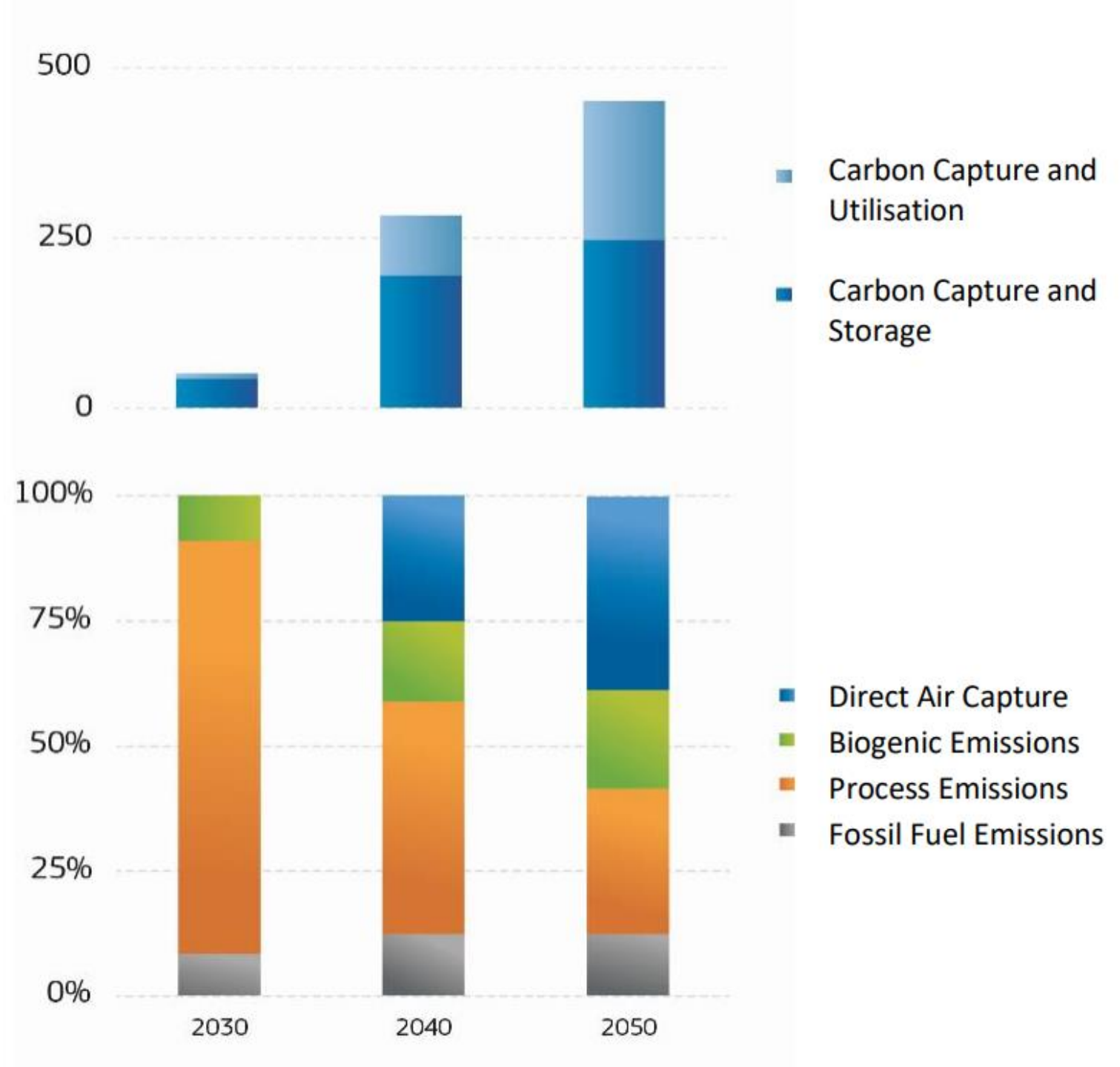
To reach the recommended **90%** net emissions reduction by 2040 and climate neutrality by 2050, the EU will need to be ready to capture:

- at least **50 million tonnes** of CO₂ per year by 2030,
- approximately **280 million tonnes** by 2040,
- and around **450 million tonnes** by 2050.

This will also require **removing CO₂ from the air**.

Mt CO₂

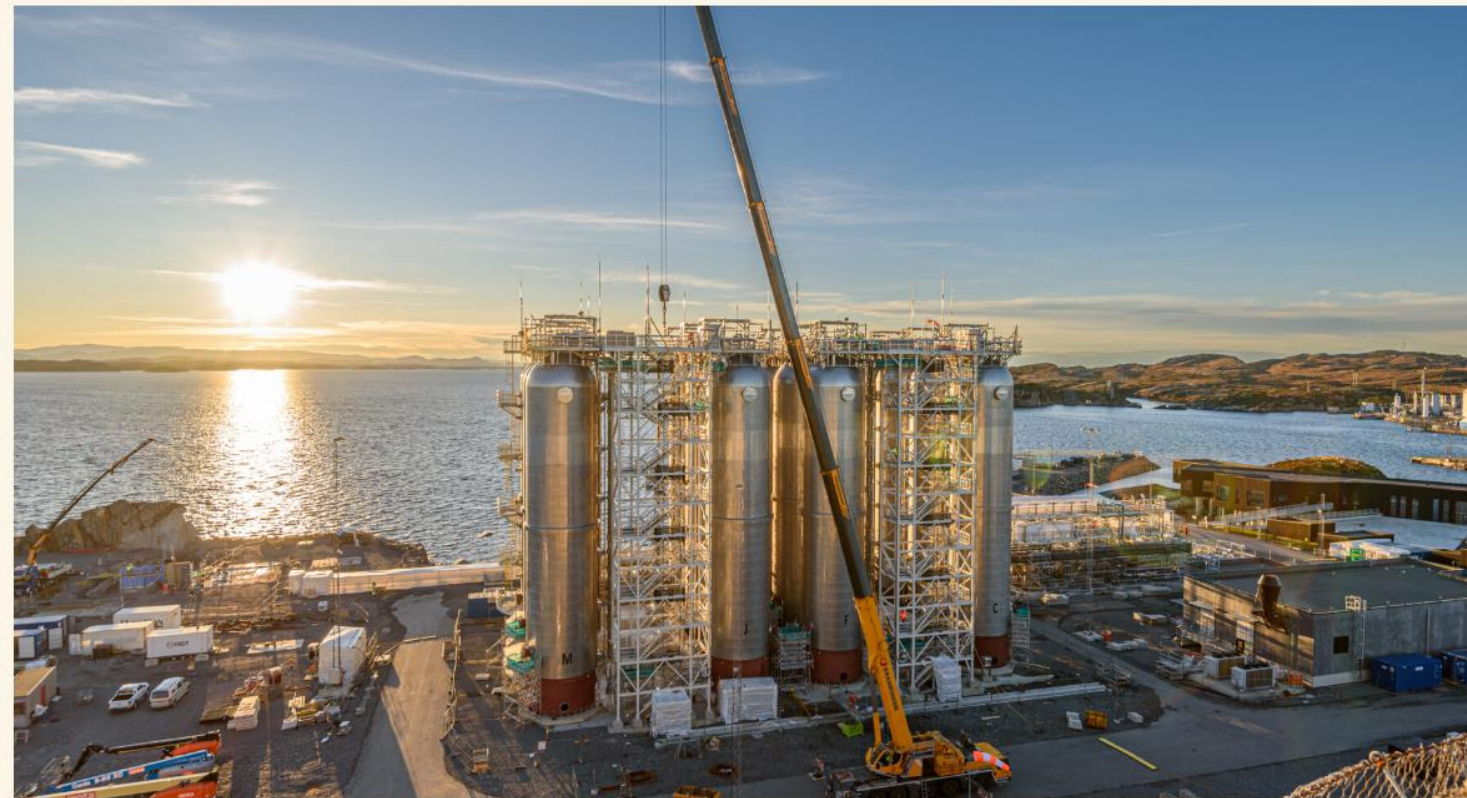
Share of CO₂ captured by origin



CO2-infrastruktur

EU funding awarded: Northern lights role to support Europe achieve its climate policy objective confirmed

December 8, 2023



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(13) Priority Thematic Area Cross-border carbon dioxide network

Projects of common interest developed in the thematic area:

No	Definition
13.1	CO ₂ TransPorts will establish infrastructure to facilitate large-scale capture, transport and storage of CO ₂ from the Rotterdam, Antwerp and North Sea Port areas (No 12.3 on the fifth PCI list)
13.2	Aramis – cross-border CO ₂ transport and storage project, intake from emitters in the hinterland of the Rotterdam harbour area, pipe transport to storage on the Dutch continental shelf (No 12.7 on the fifth PCI list)
13.3	ECO2CEE – open-access cross-border CO ₂ transport and storage project with projected storages sites in Denmark, Norway, Netherlands and UK (extension of No 12.9 on the fifth PCI list)
13.4	Bifrost – transport and storage project with offshore storage in DK from emitters from Denmark, Germany and Poland
13.5	Callisto – development of multi-modal CO ₂ hubs in the Mediterranean storing CO ₂ emissions from France and Italy

ELI: http://data.europa.eu/eli/reg_del/2024/1041/oj

8.4.2024

EN

13.6	CCS Baltic Consortium – cross-border CO ₂ transport via rail between Latvia and Lithuania with a multi-modal LCO ₂ terminal based in Klaipeda
13.7	Delta Rhine Corridor – project to transport CO ₂ via pipelines from emitters in the Ruhr area in Germany and the Rotterdam area in the Netherlands to offshore storage off the Dutch coast
13.8	EU2NSEA – cross-border CO ₂ network developed between Belgium, Germany and Norway to also collect CO ₂ from DK, FR, LV, NL, PL and SE, with storage on the Norwegian continental shelf
13.9	GT CCS Croatia – construction of pipeline transport infrastructure in Croatia and Hungary, with underground storage in HR
13.10	Norne – transport infrastructure in Denmark with onshore and possibly offshore storage, emitters primarily from DK, SE, BE and UK will transport to DK via ship
13.11	Prinos – Offshore storage at Prinos field for emissions from EL, by pipeline, and from BG, HR, CY, EL, IT and SI by ship
13.12	Pycasso – transport and storage of CO ₂ in onshore storage site in southwestern FR, industrial emitters from FR and ES

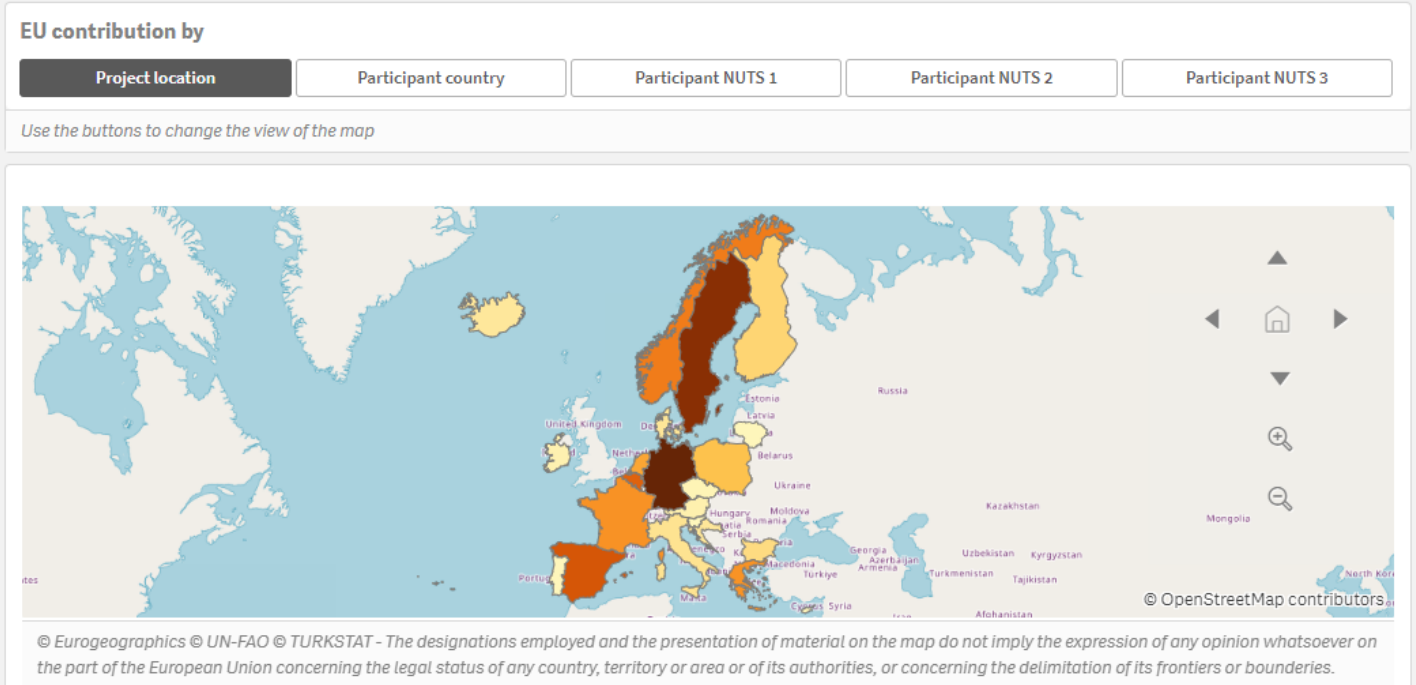
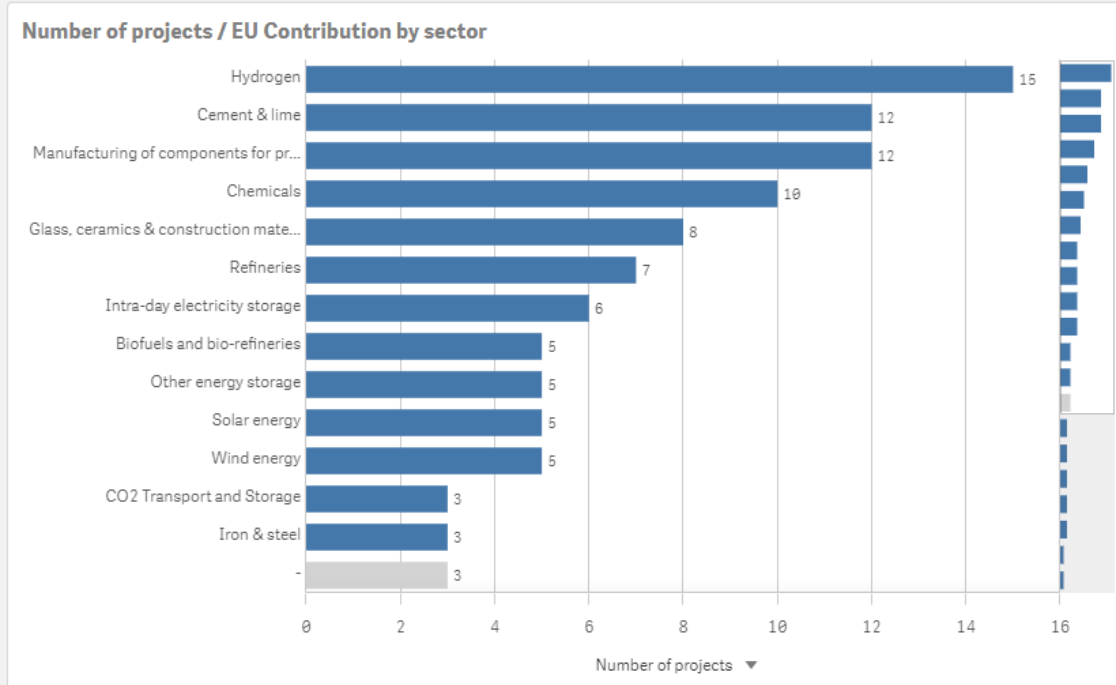
Projects of mutual interest developed in the thematic area:

No	Definition
13.13	Northern Lights – a CO ₂ cross-border connection project between several European capture initiatives (among others Belgium, Germany, Ireland, France, Sweden) transport by ship to storage on the Norwegian continental shelf (No 12.4 on the fifth PCI list)
13.14	Nautilus CCS – Emissions from Le Havre, Dunkirk, Duisburg and Rogaland areas to be captured and transported by ship to various sinks in the North Sea (extension of No 12.8 on the fifth PCI list)

EUs innovasjonsfond

Innovation Fund - Portfolio of signed projects

Sector	Project status	Project location country...	Call deadline year	Call acronym	Topic description	Participant role	Participant SME (Y/N)	Participant country name	Participant country group
Number of projects		Number of participations		EU contribution		SME EU contribution		SME participants	
111 ⁶ closed or terminated		249 ^{100.00%} of participants		6.57B ^{100.00%} of EU contribution		273.1M ^{4.16%} of all EU contribution		31 ^{12.45%} of all participants	
Avg. EU contribution per project									59.16M



Valg og ny kommisjon...

Ursula von der Leyen announces bid for 2nd term

One of Europe's most powerful leaders is poised for another 5 years running the European Commission.

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A sharp right turn: A forecast for the 2024 European Parliament elections

[Kevin Cunningham](#) [Simon Hix](#) with [Susi Dennison](#) [X](#) [Imogen Learmonth](#)

Policy Brief - 23 January 2024



Energinytt fra EU-delegasjonen



Energinytt
Norges delegasjon til EU

La fram handlingsplan for elektrisitetsnett

Tysdag la EU-kommisjonen fram ein **handlingsplan** for elektrisitetsnett («EU Action Plan for Grids»). Kommisjonen peikar på eit stort behov for oppgradering av eksisterande nett og utbygging av ny kapasitet. Ifølgje Kommisjonen sine anslag krevest det investeringar på 584 milliardar euro dette tiåret.

Kommisjonen la samstundes fram **den sjette lista** over prosjekt av felles interesse (PCI) og gjensidig interesse (PMI). Lista inkluderer 166 grenseoverskridande energiprojekt, mellom anna innan smarte nett, karbonfangst og -lagring, og hydrogen. Norske aktørar er involverte i fire prosjekt på lista.

