

CCSA Regulation & Policy Forum (EU)

9th July 2025

This meeting will start at 10.30 (CEST)



Welcome and introduction

Stefano Miriello
CCSA



House keeping & Introduction

- **Housekeeping**

- Slides & Recording will be available for members after the meeting
- CCSA Competition Law Policy notice was circulated with attendees and attached to invite
- If you are not speaking please mute your microphone
- Please **raise your hand** if you wish to comment, you will be invited to come off of mute, if you can also turn on your camera
- Please also pose any **comments in the chat** and these will be picked up by the secretariat

- **Introductions**

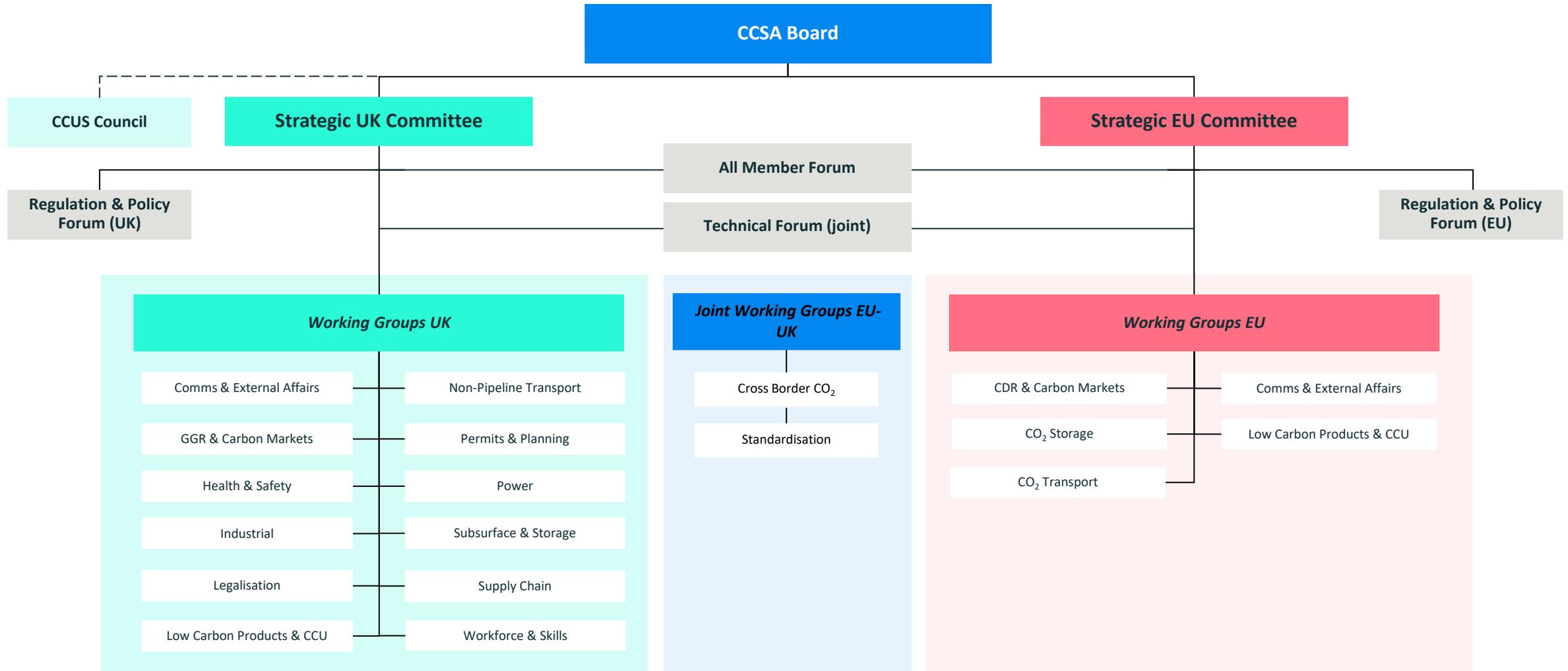
- Around-the-room (in-person attendees)
- Any new members joining the call



Agenda

No	Time	Item	Speakers
	10.00	Tea and coffee at CCSA office	
1	10:30 (5 min)	Welcome and introduction	Stefano Miriello, CCSA
2	10:35 (10 min)	CO₂ Storage	Alberto Sanchez, CCSA
3	10.45 (10 min)	Low Carbon Products & CCU	Sophie Deijkers, CCSA
4	10.55 (10 min)	CO₂ Transport	Alberto Sanchez, CCSA
	11.05	Break – 10 min	
5	11.15 (25 min)	External speaker: Jasmin Sharzad , Head of Division at the research and subsurface section	Jasmin Sharzad, Danish Ministry of Climate
6	11.40 (10 min)	CCSA Comms & External Affairs	Francesco/Ariadna, CCSA
7	11.50 (10 min)	CDR & Carbon Markets	Alberto Sanchez, CCSA
	12.00	Break – 10 min	
8	12.10 (25 min)	External speaker: Sebastian Fischer : Policy Advisor for Carbon Management – Subsurface Use	Sebastian Fischer, BGR
9	12.35 (10 min)	Joint Working Groups	Beth/Ariadna, CCSA
10	12.45 (10 min)	CCSA Research and Projects	Rebecca Bell, CCSA
11	12.55 (5 min)	AOB, conclusions, meeting close	Stefano/Alberto, CCSA
	13.00	Lunch	

Committees, Working Groups & Forums Structure



WG Co-chairs

- **Chairing all WG meetings.** If more than one co-chairs, rota may apply
- Up to **4 co-chairs** - Members may put themselves forward in writing to the CCSA secretariat
- **Agreeing the agenda** and workstream of the WG with CCSA and holding members and CCSA accountable to the agreed workstream
- In the absence of an appointed Chair **the CCSA Secretariat will chair meetings.**
- Co-chairs will **represent the WG on Strategic EU Committee every 6 months**
- Where appropriate, **representing the WG at relevant meetings or events**, such as with officials or parliamentarians.

Status of CO₂ Storage Working Group

Alberto Sanchez, CCSA



WG CO₂ Storage: achievements

Consultation on NZIA: CCSA response to the consultation on carbon storage – oil and gas producers' contributions to the EU's 2030 storage objective

Lack of transparency on the small producer's threshold

Unrealistic implementation timelines regarding the production data

CCSA Reaction – Delegated Regulation Supplementing the Net-Zero Industry Act (NZIA) with CO₂ Storage Obligations. Main recommendations:

Inclusion of EEA volumes and EU-UK cooperation on CO₂ storage

Feasibility of the 30 June 2025 deadline

Definition and scope of obligated entities



CCSA Reaction – Delegated Regulation (EU) 2024/1735 Supplementing the Net-Zero Industry Act with CO₂ Storage Obligations

Overview

The Carbon Capture & Storage Association (CCSA) welcomes the European Commission's adoption of the Delegated Regulation (EU) 2024/1735, supplementing Article 23 of the Net-Zero Industry Act (NZIA). The assignment of CO₂ storage obligations to 44 oil and gas producers marks a significant step toward creating a functioning internal market for CO₂ storage, supporting the EU's overarching climate targets.

While the intent of the Delegated Regulation aligns with long-term decarbonisation objectives, several technical, legal, and implementation concerns remain unresolved. For the Regulation to be effective, realistic, and investable, further adjustments are necessary. In this reaction, we reaffirm our commitment to supporting an ambitious and fair framework while providing pragmatic recommendations grounded in industrial feasibility.

Some of the concerns raised by the CCSA in its consultation response submitted on 16 April have been addressed; however, several important issues remain unresolved.

The CCSA therefore urges the European Parliament and the Council to address the following outstanding matters:

1. Inclusion of EEA volumes and EU-UK cooperation on CO₂ storage

While the Regulation sets a clear EU-wide injection capacity target, its implementation would benefit from recognising the broader geographic and market context. The CCSA encourages the Commission to consider production volumes across the entire European Economic Area (EEA) when assessing proportionality, while keeping the 50 MtCO₂ target unchanged. This would help avoid concentration of obligations in only a few Member States.

In addition, although a formal pathway for EU-UK cooperation on CO₂ storage has not yet been established, the Regulation should signal openness to future collaboration. Based on wide ranging technical studies, the UK and Norway hold a very significant portion of Europe's total quantified CO₂ storage capacity. Under Regulation (EU) 2024/1735, EU oil and gas producers are unable to benefit from these non-EU storage volumes when meeting their obligations. Cross-border projects in the North Sea offer a clear opportunity for shared decarbonisation goals, market development and support for EU industry. Flexibility in the legal framework, such as the possibility of future reopening clauses, can help keep this door open.



Net Zero Industry Act – Delegated Act



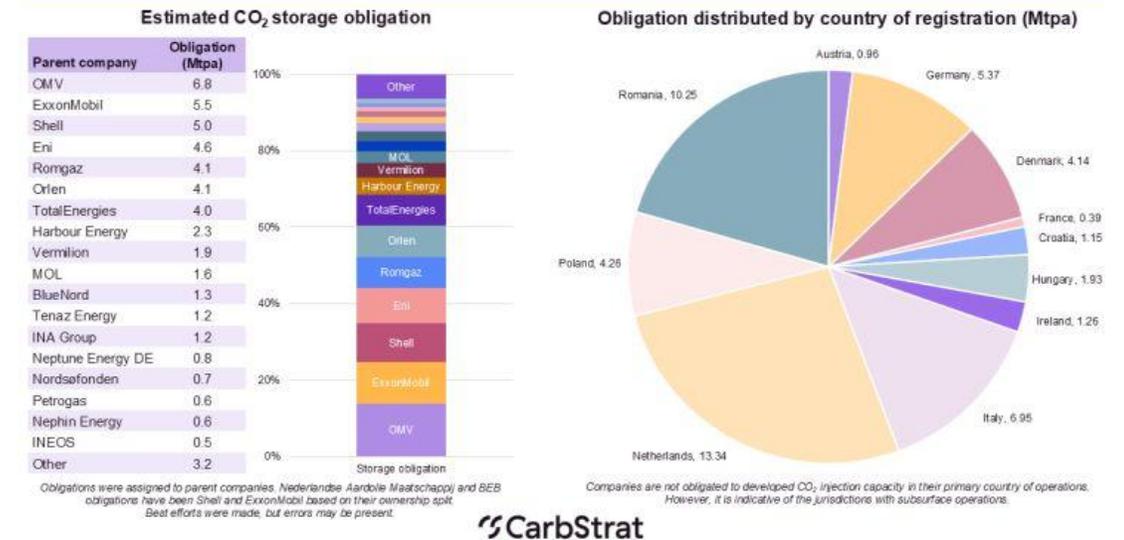
- **Adopted on 22 May**
 - At least 50Mt injection capacity by end 2030 by assignment of CO storage obligations to 44 oil and gas producers.

- **CCSA recommendations:**
 - Consider production volumes across the entire European Economic Area (EEA), while keeping target unchanged
 - Ensure future cooperation mechanisms with third countries to recognise mutually beneficial CO₂ storage contributions.
 - Realistic compliance timelines a.o. 30 June 2025 deadline for submission of implementation plans, prioritise brownfield site
 - Policy push for emitters and infrastructure

- **Parliament and Council to formulate objections by late July**

- **CCSA to coordinate with affected other trade associations**

NZIA CO₂ storage obligation



What do you expect from this DA? Is your company concerned?

CO₂ Storage: WG workstreams

European CO₂ Storage Atlas:

Developed as part of the Geological Service for Europe (GSEU) project. The Atlas is available as a layer on the European Geological Data Infrastructure (EGDI) and was officially launched at an in-person and live-streamed event in Brussels on 28 May 2025.

European Geological Data Infrastructure: [EGDI](#)

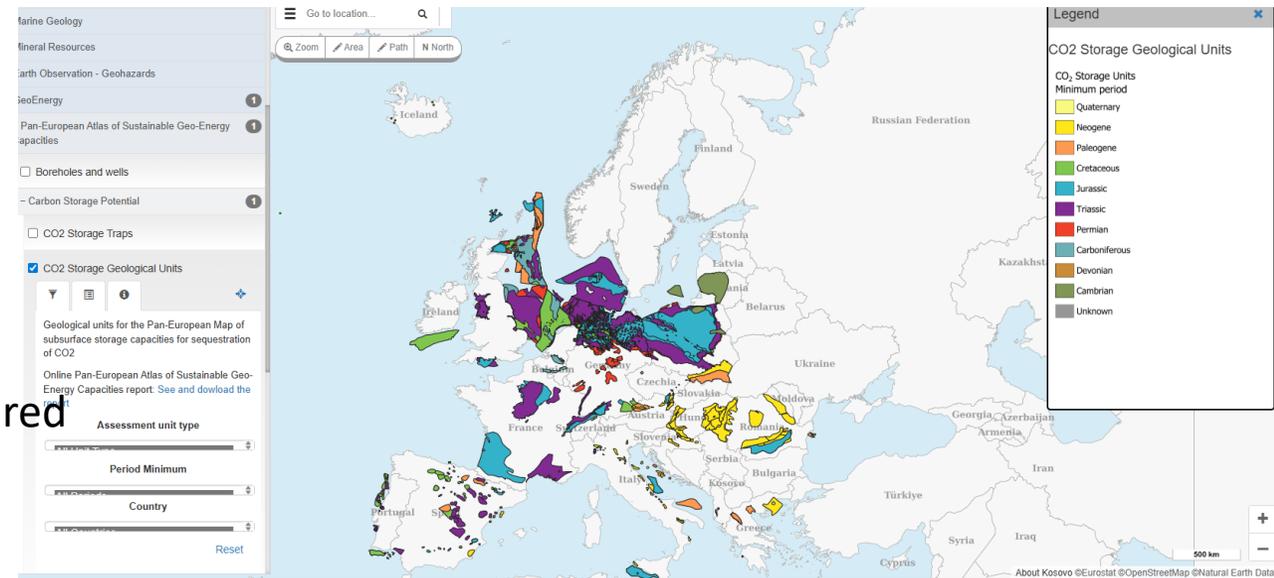
- Use EU storage data and national mapping tools to **evaluate strategic locations** for CO₂ storage partnerships or hub investments

Working group meetings:

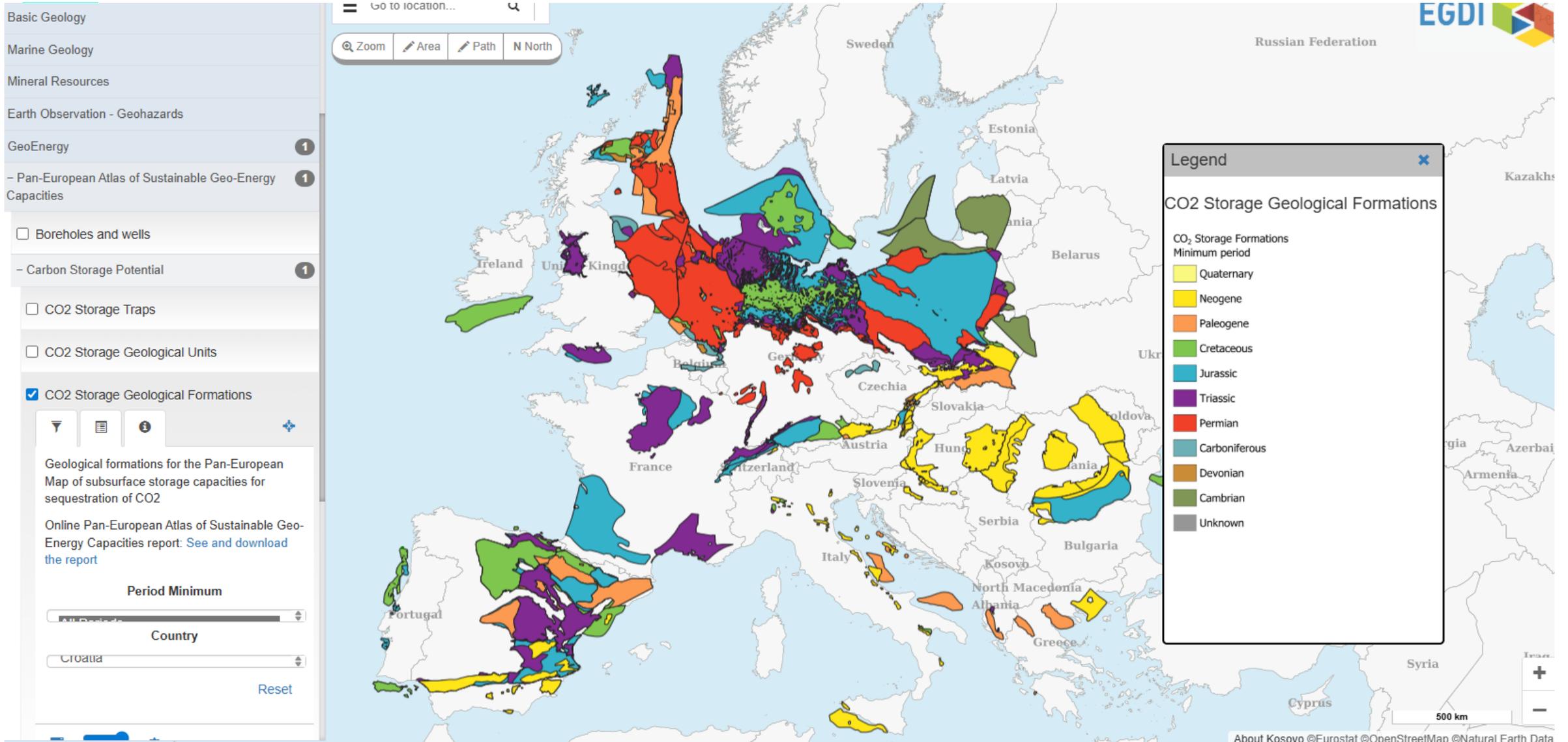
- 08 of May > kick off meeting
- 03 of June > focus session

Select co-chairs: positions available

Review Terms of Reference (ToR): final version will be shared with the group in the coming days



CO₂ Storage: WG workstreams



CO₂ Storage: WG timing and workstreams

Storage gap: shortage of CO₂ Storage capacity in Europe, based on the disparity between planned CO₂ storage projects and capture projects being developed by industrial emitters

Storage licenses in the EU

Cross-border projects & capacity

Supply & demand

Accelerated Project Financing & Permitting

CCSA will monitor the policy landscapes, specially the NZIA outcomes and regular revisions (2028, 2030).

Coordinated EU effort



Status of Low-Carbon Products & CCU WG

Sophie Deijkers, CCSA



Low-carbon products & CCU WG

Developments:

- April: publication of low-carbon products position paper
- May: meeting with DG GROW
- June: webinar "Making Low-Carbon Products the Norm: From Ideas to Implementation"
 - Luc Haustermans - Yara
 - Rafik Ammar – eNG Coalition
 - Fredericq Peigneux – Heidelberg Materials
 - Sophie Deijkers - CCSA
 - Francesco D'Apolito (moderator) - CCSA

Next steps:

- Follow-up paper on sector specific LCP
 - Follow EU timeline for voluntary labels? (i.e. steel first, cement second, etc)



Carbon Capture & Storage Association Achieving EU-wide lead markets for low-carbon products

POLICY RECOMMENDATIONS

- 1. Develop gradual and harmonised definitions of low-carbon product performances**
 - Define a clear trajectory for carbon intensity reductions, building on existing methodologies like Environmental Product Declarations.
 - Introduce a common methodology for lifecycle carbon footprint calculation and reporting.
 - Align definitions with EU ETS, CBAM, and sustainable finance taxonomy frameworks.
 - Mandate carbon footprint reporting for energy-intensive product manufacturers.
- 2. Establish a comprehensive EU low-carbon products strategy**
 - Set clear uptake targets for low-carbon products by 2030-2040.
 - Support long-term market mechanisms beyond temporary subsidies.
 - Promote public and private demand initiatives, including industry-led alliances and procurement commitments.
 - Recognise the public sector as a first mover in stimulating market growth.
- 3. Leverage green public procurement to support market development**
 - Align procurement criteria with carbon intensity standards.
 - Phase in restrictions on high-carbon materials in public procurement contracts.
 - Send long-term demand signals through structured, sustainability-led contracts.
- 4. Strengthen and accelerate implementation of the Ecodesign for Sustainable Products Regulation**
 - Prioritise inclusion of high-emission industrial materials in the first wave of ESPR.
 - Introduce binding carbon performance thresholds aligned with net-zero goals.
 - Recognise CCUS as valid decarbonisation solutions under ESPR.
 - Ensure coherence between ESPR, CBAM, and EU ETS through strong carbon accounting.
 - Improve enforcement and monitoring to ensure compliance.

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Low-carbon products & CCU WG

Low-carbon fuels Delegated Act

Published on 8 July

CCSA actions in the last quarter:

- Reaction letter to Attaches
- Joint letter with 15+ other associations
 - “We urge the European Commission to amend the revised draft to ensure it enables the production and import of all types of low carbon hydrogen and fuels and recognises better environmental performances. This is critical for supporting the scale up of the hydrogen market in Europe, which already faces major challenges that undermine EU’s ability to meet its climate objectives”

Next steps:

- CCSA is currently analysing the details
- Members views
- Any actions to take?

GENERAL PUBLICATIONS

Commission delegated regulation (EU) specifying a methodology for assessing greenhouse gas emissions savings from low- carbon fuels

PAGE CONTENTS Details

Details | Publication date 8 July 2025

Files | Author Directorate-General for Energy

Files

8 JULY 2025
Commission delegated regulation (EU) specifying a methodology for assessing greenhouse gas emissions savings from low-carbon fuels

English (208.99 KB - PDF) [Preview](#) [Download](#)

8 JULY 2025
Commission delegated regulation (EU) specifying a methodology for assessing greenhouse gas emissions savings from low-carbon fuels - annex

English (497.86 KB - PDF) [Preview](#) [Download](#)

Joint Statement

Urgent need for European Commission to correct course on the draft Delegated Regulation on Low Carbon Fuels



Status of the CO₂ Transport Working Group

Alberto Sanchez, CCSA



CO₂ Transport Working Group

EU Policy:

- **CO₂ Transport:** An EU regulatory package on CO₂ transport infrastructure (position paper)

Main recommendations:

Recognition of Non-Pipeline Transport

Enabling cross-border transport between the EEA and the UK

Negotiated Third-Party Access is recommended for CO₂ terminals to foster a more competitive market

Funding: national tariffs, centralised fundings, EIB, subsidies schemes, etc...

Webinars:

- **The Missing Link:** Shaping Europe's CO₂ Transport Network



Carbon Capture & Storage Association Position Paper - An EU regulatory package on CO₂ transport infrastructure

The Industrial Carbon Management Strategy states that "the Commission foresees to, from 2024, initiate preparatory work in view of a proposal for a possible future CO₂ transport regulatory package" adding that the Commission "will consider issues including market and cost structure, cross-border integration and planning, technical harmonisation and investment incentives for new infrastructure, third-party access, competent regulatory authorities, tariff regulation and ownership models".

The Carbon Capture & Storage Association supports the preparation of this regulatory package to provide stronger incentives and a long-term vision for the deployment of CO₂ transport infrastructure across Europe.

- The European Commission's Joint Research Centre estimates that "by 2050, the European CO₂ pipeline network could reach a considerable length up to **19,000 km** and requires investment of between **EUR 9.3 billion and EUR 23.1 billion**".
- This investment will require a combination of **robust public funding mechanisms and strong private incentives**.
- The upcoming regulatory package should give **visibility to investors** and **support investments** required to connect industrial plants investing in carbon capture, utilisation, and storage (CCUS) with CO₂ storage projects under development across Europe.

¹EUR-Lex - 52024DC0062 - EN

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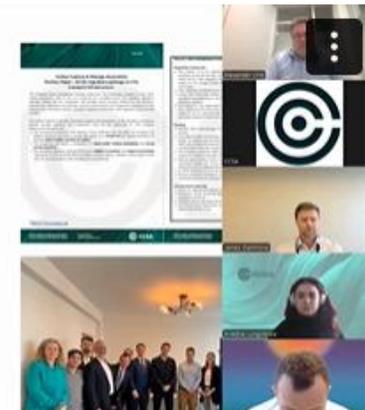


Policy context & overview

This paper was developed to provide input to the CO₂ Transport Regulatory Package currently being prepared by the European Commission and expected in 2026.

What is the value?

- Position the CCSA, representing the entire CCUS value chain, on CO₂ transport in Europe.
- Support shaping the upcoming CO₂ transport regulatory package.
- Follow up on the CCSA CO₂ Transport Workshop with the European Commission.



CO₂ Transport Working Group: ongoing activities

- **EU Grid Package**
 - CCSA focus: CO₂ grids. Consultation focus on H₂ and electricity our point is to advocate to include CO₂
 - Deadline: 5 August
 - Status: 2nd draft shared with members
 - Recommendations:
 - Ensuring **CO₂ networks are mapped** and coordinated alongside electricity and hydrogen networks to leverage synergies and reduce duplications.
 - **Accelerate permitting** framework
 - Encouraging **regional cooperation**, e.g. North Sea CO₂ corridor, to develop shared risk management frameworks.
- **Chair:** Caterina Molinari, Snam - 3 other spots available
- **Terms of Reference (ToR):** it has been reviewed by members and final version will be shared soon

Any other suggestion?

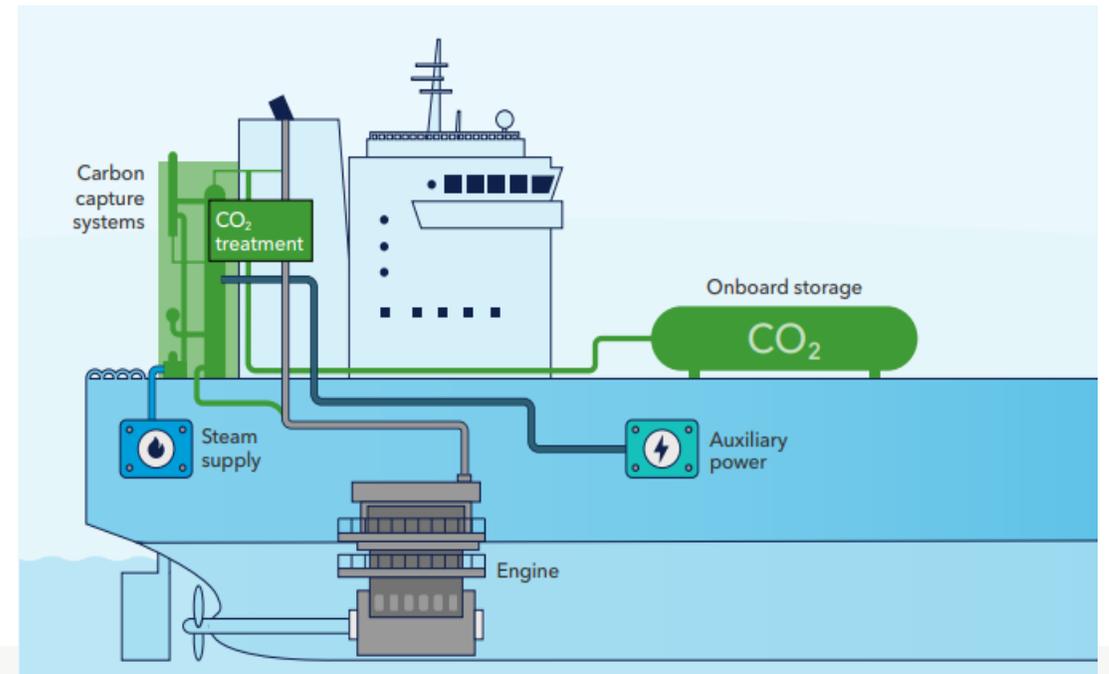
CO₂ Transport: workstreams

Onboard Carbon Capture (OCC): some companies are working on OCC material (SNAM, DNV). This is becoming a trend topic, but regulatory factors will also influence uptake.

Possible actions:

- Advocate for **early pilots and demos** under Horizon Europe or Connecting Europe Facility (CEF).
- Start building **regulatory capacity for verification** of captured volumes on ships (MRV).
- Ensure OCC is integrated in **EU ETS Phase 5 design** (2026–2030).

Today, only the EU Emissions Trading System (ETS) has adopted a regulatory framework that provides incentives for the use of carbon capture on board ships. However, the International Maritime Organization's MEPC 83 agreed to a work plan for the development of a regulatory framework for the use of onboard carbon capture. The work is set to be finalised in 2028 (IMO, 2025).



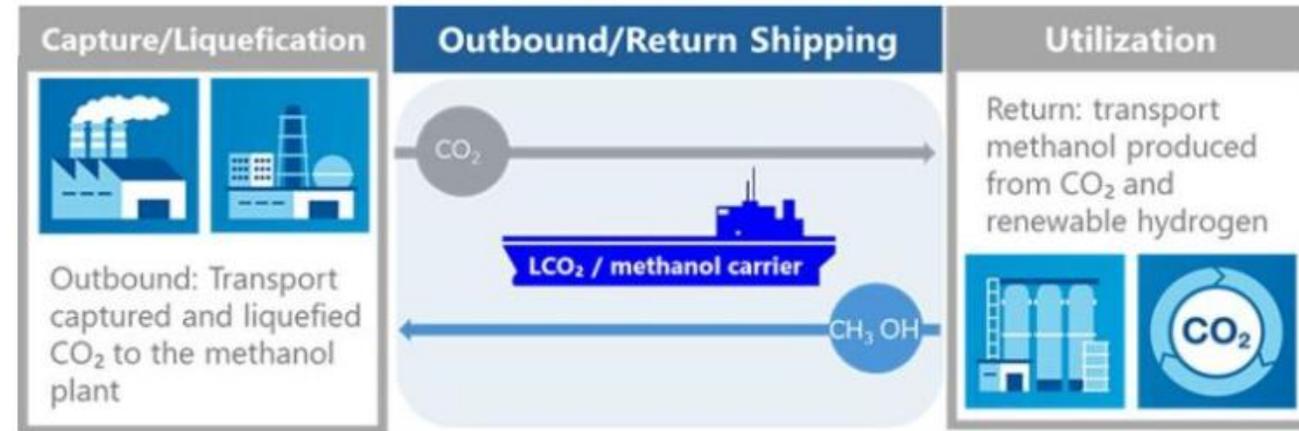
CO₂ Transport: workstreams

Non pipeline transport (NPT): Recognition of non-pipeline transport is needed. Key for small emitters located far from Storage sites.

Cost efficient solutions for pipeline alternatives in some cases.

Push for EU funding schemes in NPT (IF, CEF, etc)

- World's first **CO₂/methanol carrier**: dual transport of CO₂ and methanol
- First **European-built offshore CO₂ carrier**. The vessel is specifically designed to transport liquefied CO₂ from onshore capture sites to offshore storage in the Danish part of the North Sea.



CO₂ Transport Regulatory Package 2026



CO₂ Transport Package consultation – expected autumn

Engage now in shaping the 2026 CO₂ Transport Regulation. Use 2025 consultations to push for recognition cross-border agreements & third-party access standards, alignment with TEN-E.

Other items to consider: ✓ Cross-border ✗ Repurposing

10 min Break





Latest developments in Denmark regarding CCUS

Jasmin Sharzad, Deputy Head of Division

July 9th 2025



Danish Ministry of Climate,
Energy and Utilities

Regulatory framework

CCS is a key tool for meeting Denmark's 70% reduction target by 2030

A very broad majority in the parliament supports CCS as a key tool for meeting our climate goals

CCS cannot and should not stand alone

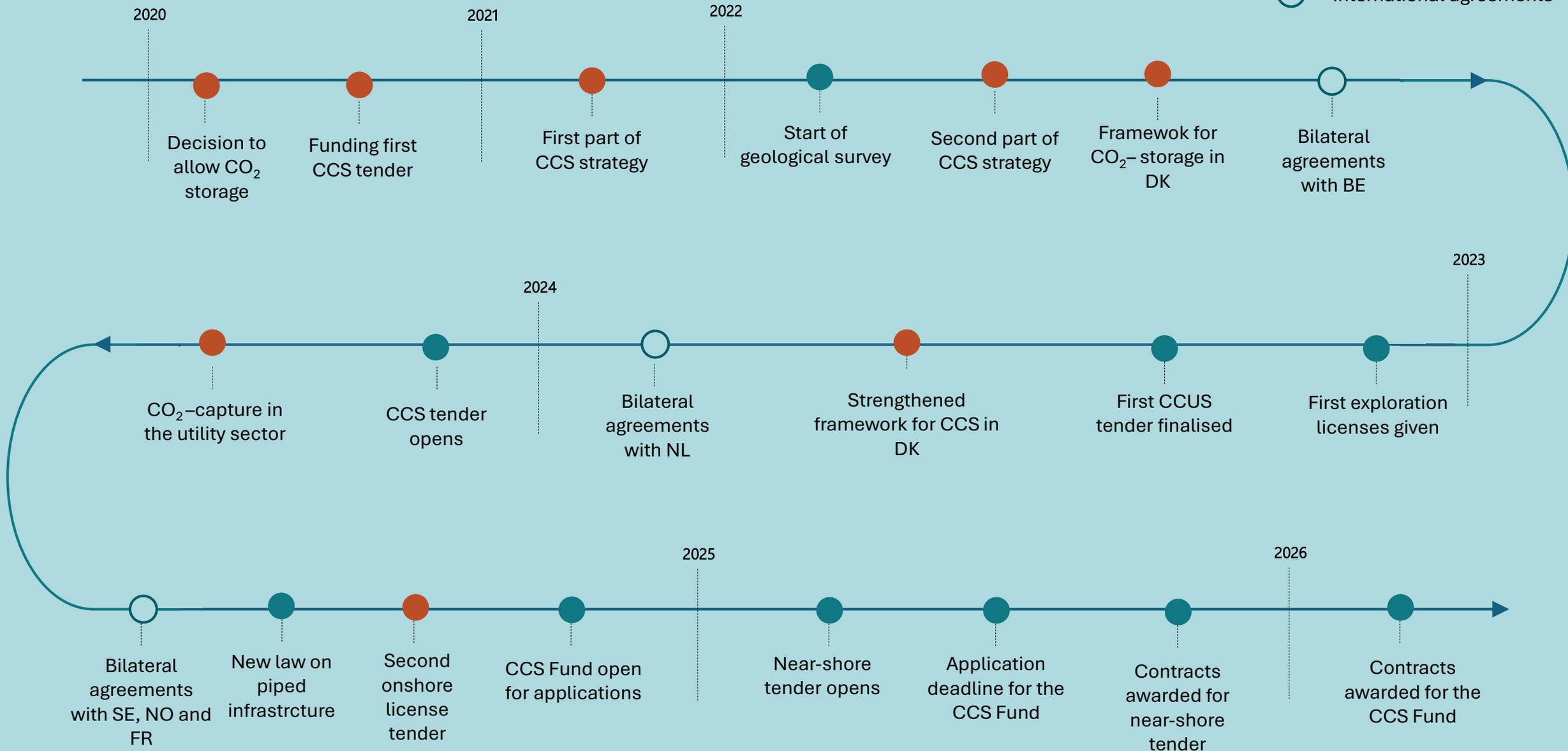
We must carry on using energy efficiently, and continue the expansion of renewable energy and green solutions, but in selected sectors it is currently not possible or still too expensive to reduce all emissions.

Contribution to the current government's goal of 110% reduction target by 2050

CCS can also be used for net removals, i.e. biogas plants and biogenic sources in the utilities sector

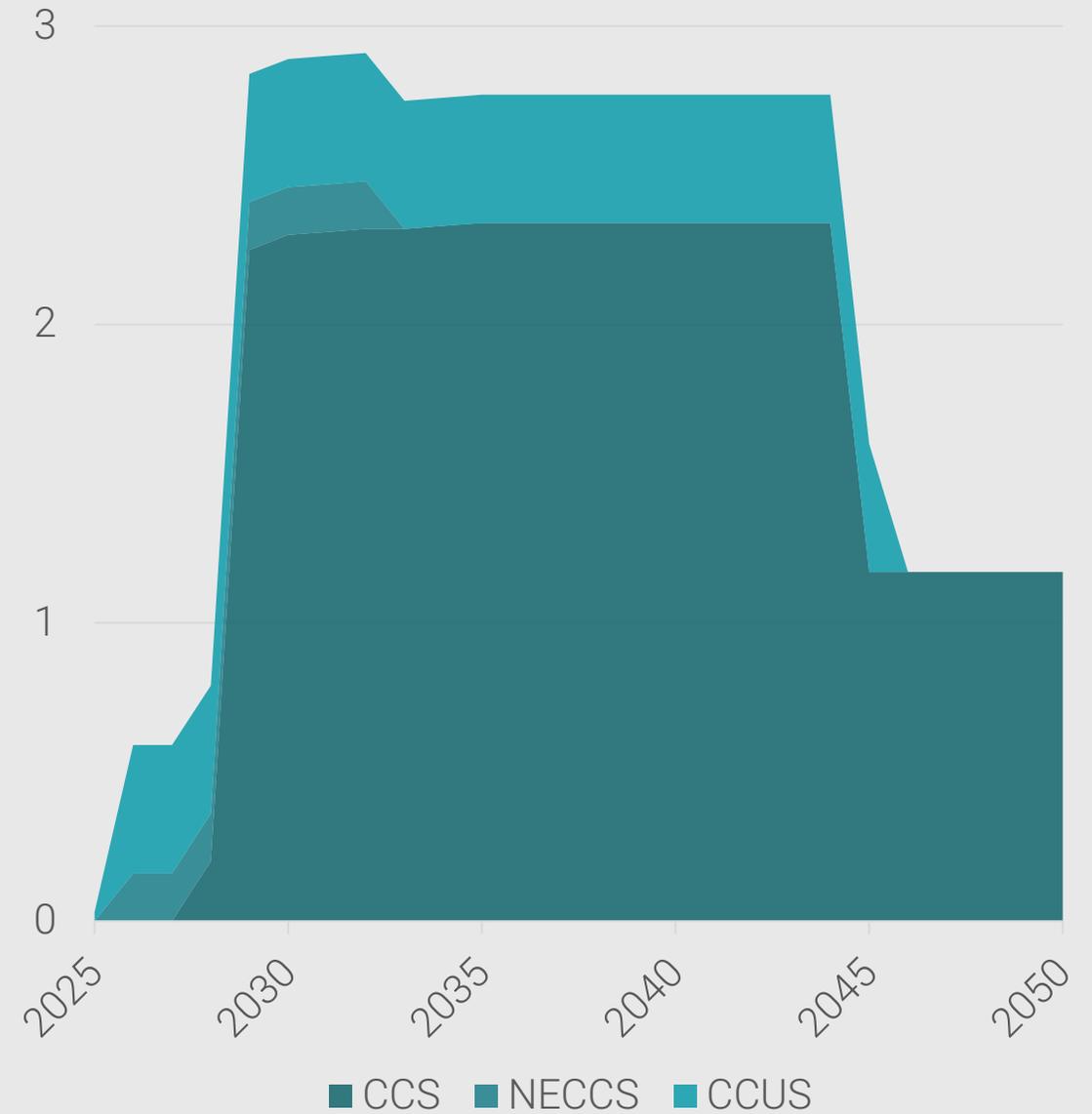
Policy Progress and Implementation: Timeline of CCS Rollout in Denmark

- Implementation
- National agreements
- International agreements



Mn tonnes of CO₂ captured and stored because of CCS tenders

- Ørsted won the CCUS tender
- 430.000 tonnes/yr captured from 2026
- NECCS tender won by biogas producers
- ~160.000 tonnes/yr from 2026
- Expected contracts for CCS tender in April 2026
- Must be operational by EoY 2029



Storage projects in Denmark

Offshore

Greensand: INEOS, Harbour Energy and Nordsøfonden

Expected first injection before end of 2025/early 2026

Bifrost: TotalEnergies and Nordsøfonden

Expected first injection in 2027

Onshore

Gassum: INEOS, Wintershall and Nordsøfonden. Expected first injection in 2029

Rødby: CarbonCuts and Nordsøfonden

Havnsø: Equinor, Ørsted and Nordsøfonden

Thorning: Norne Thorning Storage and Nordsøfonden

Nearshore

Two applications: CarbonCuts and TotalEnergies & Mitsui

Expected license award in Fall 2025

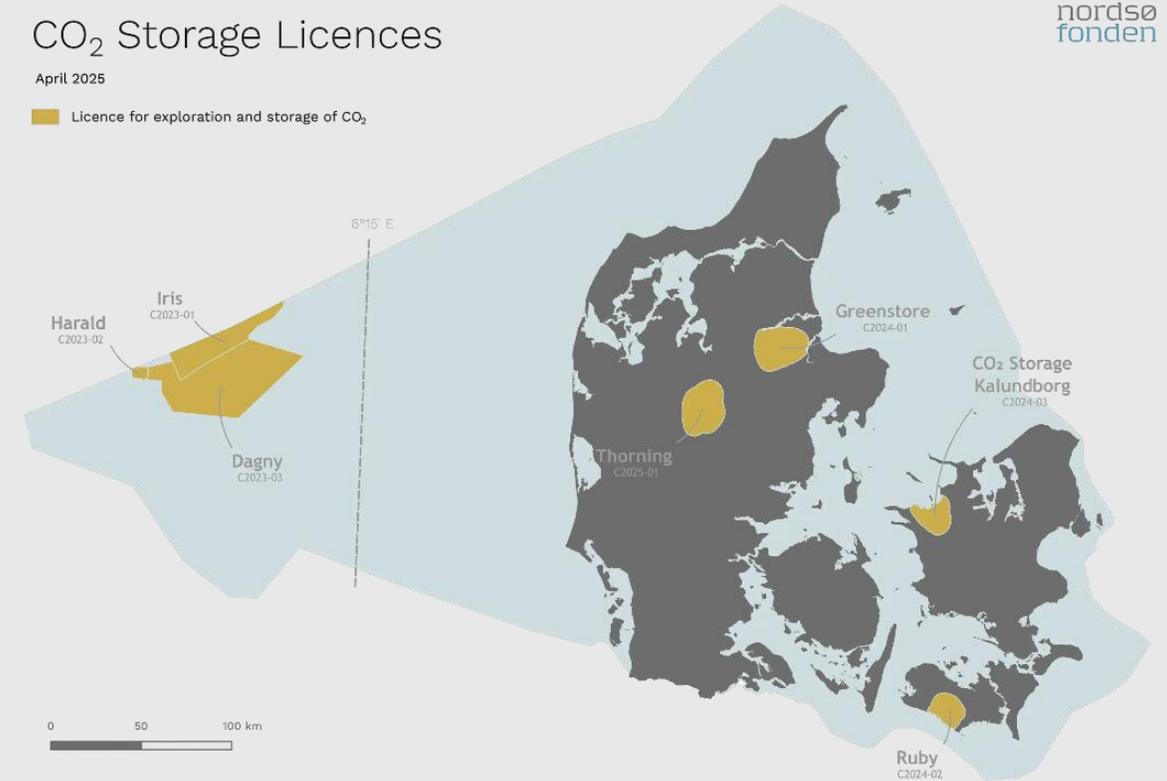
Latest news on storage licenses

- Two first licensing rounds for exploring potential for CO₂-storage awarded in 2023 (offshore) and 2024 (onshore)
- Third licensing round awarded in April 2025 (onshore)
- Fourth licensing round (nearshore) expected to be awarded in Fall 2025 for *Inez*, *Lisa* and *Jammerbugt*
- Progress on exploration across the field – work programs of licenses are publicly available

CO₂ Storage Licences

April 2025

■ Licence for exploration and storage of CO₂



Best practices and lessons learned

Prepare to be surprised

Don't pick winners – let the market do it

If you *have* to pick a winner, pick a few

Stick to what you know

Learn the rest from others

Thank you for your attention



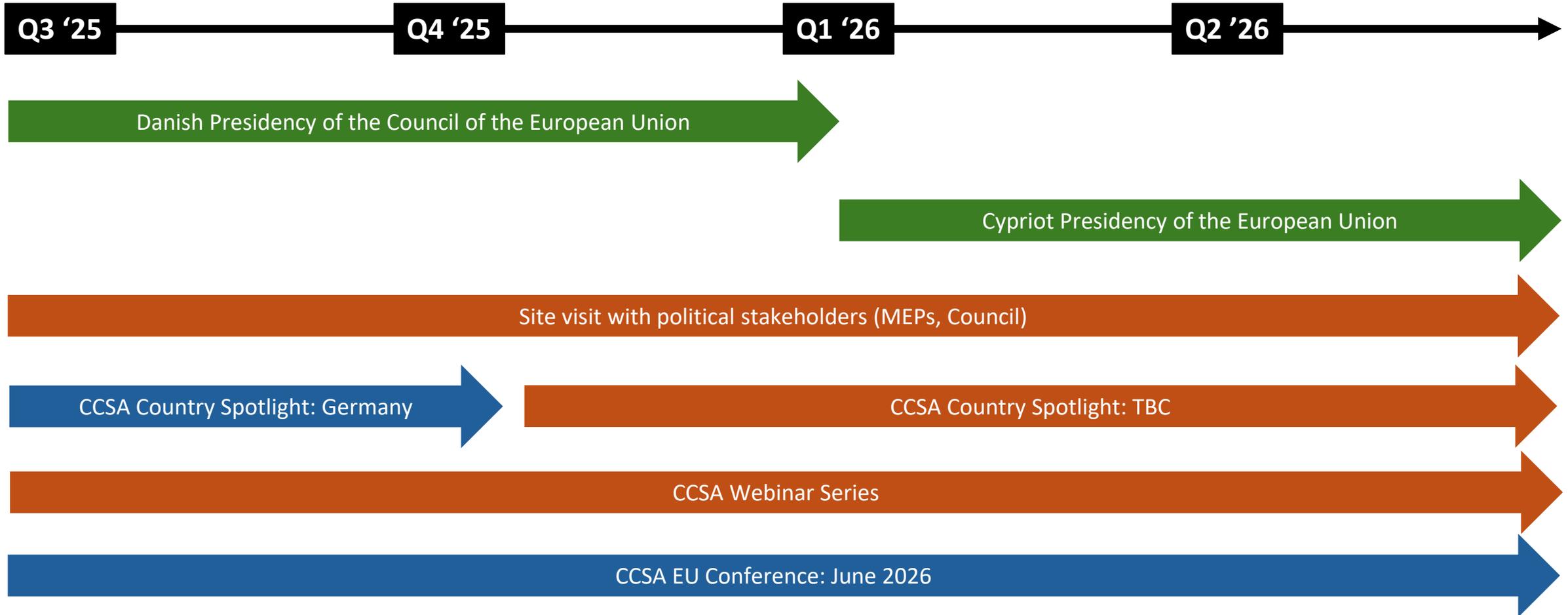
Danish Ministry of Climate,
Energy and Utilities

Status of Communications & External Affairs Working Group

Francesco D'Apollito, CCSA
Ariadna Lungulescu, CCSA



External Affairs Planning 2025-26



CCSA Communications & External Affairs Working Group

Events Q1/Q2 2025

- **CCSA Webinar Series**
 - 04/02: Accelerating a Europe-wide CO₂ storage market
 - 19/03: CCU
 - 07/05: CO₂ transport network
 - 26/06: Low-carbon products
- **Joint EU/UK CCUS NGO Forum** – aimed at creating a safe space where NGO reps can raise concerns and ask question on CCUS to facilitate exchange and common understanding of such technologies
 - 22/01: Transport and storage
 - 02/04: Funding for CCUS projects
 - 01/07: Cross-border storage
- **CCSA Country Spotlight** – half-day, in-person event focused on the role that CCUS can play in different EU MS' path towards Net-Zero
 - 25/03: Utrecht, NL
 - (Tbc) October: Berlin, DE

Communications Campaigns

- 1-year long
- **Why:** we noticed a lack of information and awareness – among the general public – of the fact that CCUS technologies/projects are there and are ready to / started to operate
- **Target audience:** public (+ we will talk about this with policymakers)
- **Objectives:** raise awareness on CCUS projects currently happening in Europe and improve public perception
- **What:** what the projects are doing, how they are progressing
- **How:** videos of projects, people involved talking about them – We could film (in the CCSA office?) 1-1 conversations with Members involved in projects



Events Planning Q3/Q4

Country Spotlight Series – Germany

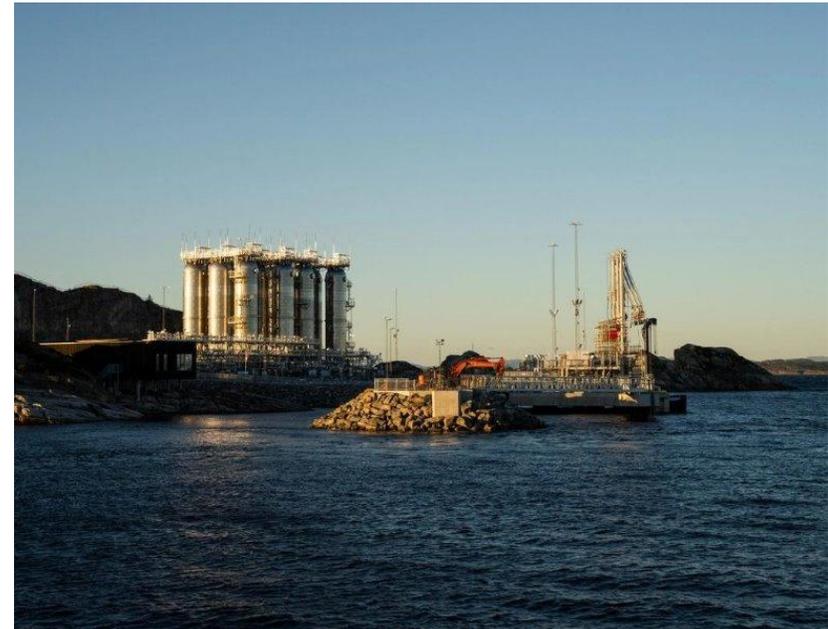
- **Date:** TBD – second half of October, subject to DE government availability
- **Venue:** TBD – Berlin
- **Format:** half-day event + potential site visit the day before
- **Capacity:** 80-100 people
- **Topics:** German CMS, role and needs of German emitters to scale up CCUS, CMS across Europe.
- **Speakers:**
 - DE government, National governments - DK, NL, FR, German MEPs, European Commission – DG ENER, DG CLIMA, DG GROW. **Other suggestions?**
- **Target Audience:** DE emitters, TSOs, CCSA members, policymakers, think tanks, trade associations
- **Partner:** Carbon Management Allianz + partnership opps for Members (contact Denis or myself)



Events Planning Q3/Q4

Potential activities:

- **Workshop with Attaches - TBC**
 - Input for topics – potentially CO2 transport package
- **Site visits with political stakeholders – TBC**
 - Received questions from institutional stakeholders for such visits and would like to make it a recurring event if there is appetite from Membership
 - Objective: MEPs (show that CCUS is a reality) – MS (show developments and ways to develop such projects in their home country)
 - Example – visit with MEP, EC in margins of Country Spotlight event in Germany (Oct 2025)



CCSA EU Conference 2025

Overview:

- 14 May 2025
- Cardo Hotel, Brussels
- 240+ participants
- 30+ speakers, including MEPs and policymakers from European countries
- 7 sponsors and supporting partners
- Topics: Clean Industrial Deal, T&S, CDR, CCU



CCSA EU Conference 2026

- **Where:** Cardo Hotel, Brussels
- **When:** June 2026
- **200+ attendees**
- **Speakers:** higher focus on C-level speakers from EU Institutions, companies and trade organisations – **suggestions?**
- **10+ sponsorship opportunities** available
- **5+ supporting partners** (other trade associations)
- **In-person event** (no live streaming)
- **Draft agenda by next EA WG meeting**
- **Focus session with Members?**
- **Service provider:**

OFCORES



External Affairs Planning 2025-2026

Objectives



- Educate new MEPs about CCUS
- Frequent contacts with the new European Commission
- Work closely with EU Perm Reps & national governments
- Actively participate in the EU ICM Forum
- Foster EU-UK relations on a Europe-wide CO2 market
- Organise CCSA-branded events at national level for in-country engagement

Progress



- Held meetings with **nine first term MEPs** and several re-elected MEPs
- Held meetings with **Cabinet von der Leyen, DG GROW, DG ENER, DG CLIMA**
 - **Other DGs/agencies to focus on?** e.g. CINEA, DG RTD, DG COMP
- Organised meetings / discussions with **Polish Presidency, governments of DE, IT, DK, NO, FR, EL, BE, NL, SE**
 - **Other MSs to focus on?** e.g. Romania, Bulgaria
- Potential ICM Forum 2026 in Greece
- Letter to President von der Leyen and Commissioner Šefčovič on **cross-border EEA-UK transport and storage of CO2**
- **Country Spotlight Series:** first edition organised in Netherlands 25/03, second edition in works for **October 2025 in Germany**

External Affairs Planning 2025-2026

Actions



- Increase the number of **thought leadership pieces** →
- Create **media partnerships** and increase out-reach to media (e.g., Euractiv, Politico, Contexte, Bloomberg, Carbon Pulse) →
- **Specific campaigns at the Brussels** (i.e., Clean Industrial Deal and Europe-wide CO2 market) **and Member State level** →
- **Myth-busting CCUS** and working on **public perception** →
- **1 CCSA-branded event per month** →
- **2nd CCSA EU Conference – May 2025** →
- **Site visits in the EU** with policymakers →

Progress



- Publication of several **position papers and reports**
- **Media partnerships** with Euractiv and Foresight; letter to MEPs on Energy Intensive Industries joint letter picked up by Contexte
- Clean Industrial Deal reaction paper led to meeting with Cabinet von der Leyen
- Comms campaign on projects
- Webinar series, Country Spotlight Series, EU Conference
- Held 14 May 2025, 230+ attendees
- Open to input

External Affairs Updates

Clean Industrial Deal

- **Meeting with Cabinet von der Leyen** - Energy Adviser Peter van Kemseke
 - Following CCSA's Clean Industrial Deal reaction paper
 - CCSA shared a letter addressed to President von der Leyen and Executive Vice-President Šefčovič on **cross-border transport and storage of CO₂**
- **ITRE Committee Resolution on Clean Industrial Deal**
 - Passed in Plenary 19 June
 - Calls for market framework package for CO₂ transport and infrastructure
 - Supports the development of a business case for permanent carbon removals and CCUS technologies
 - Clear, technology-neutral, and investment-friendly definition of low-carbon hydrogen
- **ITRE Committee Letter o EIs resolution:**
 - Response to ITRE Committee Resolution on Energy intensive Industries (EIs)
 - Called for reintroduction of direct mention to CCUS in the Resolution
 - Obtained signatures from 7 industry associations
 - **2 direct mentions of CCUS in final version**

Low-Carbon Products

CCSA published Low-Carbon Products a Position Paper (April)

- **DG GROW Meeting (May)**
 - Jacek Truszczyński, acting HoU DG GROW 1.3 Net Zero Industries;and
 - Jyri Ylkanen, Policy Officer in DG GROW I.4 Sustainable Products (on behalf of HoU Stefano Soro)
- **Main topics discussed:**
 - Industrial Decarbonisation Accelerator Act
 - Upcoming green label for cement
 - Implementation issues with CCU and low-carbon products

Status of CDR & Carbon Markets Working Group

Alberto Sanchez, CCSA



Carbon Dioxide Removals & Carbon Markets

Consultations

- **EU ETS for maritime, aviation and stationary installations, and market stability reserve – review**
 - Deadline: 8 July. Submitted
 - Recommendations:
 - Complementary policies to scale up carbon removals: robust CO2 transport and storage infrastructure is essential
 - Expanding EU-level financial support instruments, such as CCFDs and reverse auction. Key to derisk

- **Verification of carbon removals, carbon farming and carbon storage in products (implementing rules)**
 - Deadline: 1 July. Submitted
 - Recommendations:
 - Introduction of standardised templates: standardisation reduces ambiguity for operators and improves the quality of data submitted to certification bodies
 - Appointment of certification bodies: publish guidance or templates clarifying the technical competence of auditors. 2 auditors minimum.

Carbon Dioxide Removals & Carbon Markets

Position papers

- Integration of carbon dioxide removal within the EU ETS
 - Recommendations:
 - Integration only permanent carbon removals meeting permanence criteria into the EU ETS
 - Maintain the EU ETS cap: this should not lead to inflation of the gross cap nor impact the downward trajectory in the short term.
 - Implement robust MRV standards to ensure environmental integrity of CR activities.
 - The position paper will be shared with DG CLIMA, and ENVI & ITRE committees.
- Co-chairs positions available in this Working Group

Carbon Dioxide Removals & Carbon Markets

CDR future priorities

Priority	Action	Timeline
ETS Integration	Pilot scheme for permanent removals	2026
MRV Clarity	Final EU templates & guidance	Q4 2025
Funding	Dedicated CDR window in Innovation Fund	2026-30
Certification	Dedicated CDR window in Innovation Fund	2025-27
Infrastructure	Allocate CCS capacity to removals	2025

10 min Break



Recent developments on CCS in Germany

CCS – An important component to reach our climate goals

- *Sebastian Fischer*
- Federal Institute for Geosciences and Natural Resources (BGR)

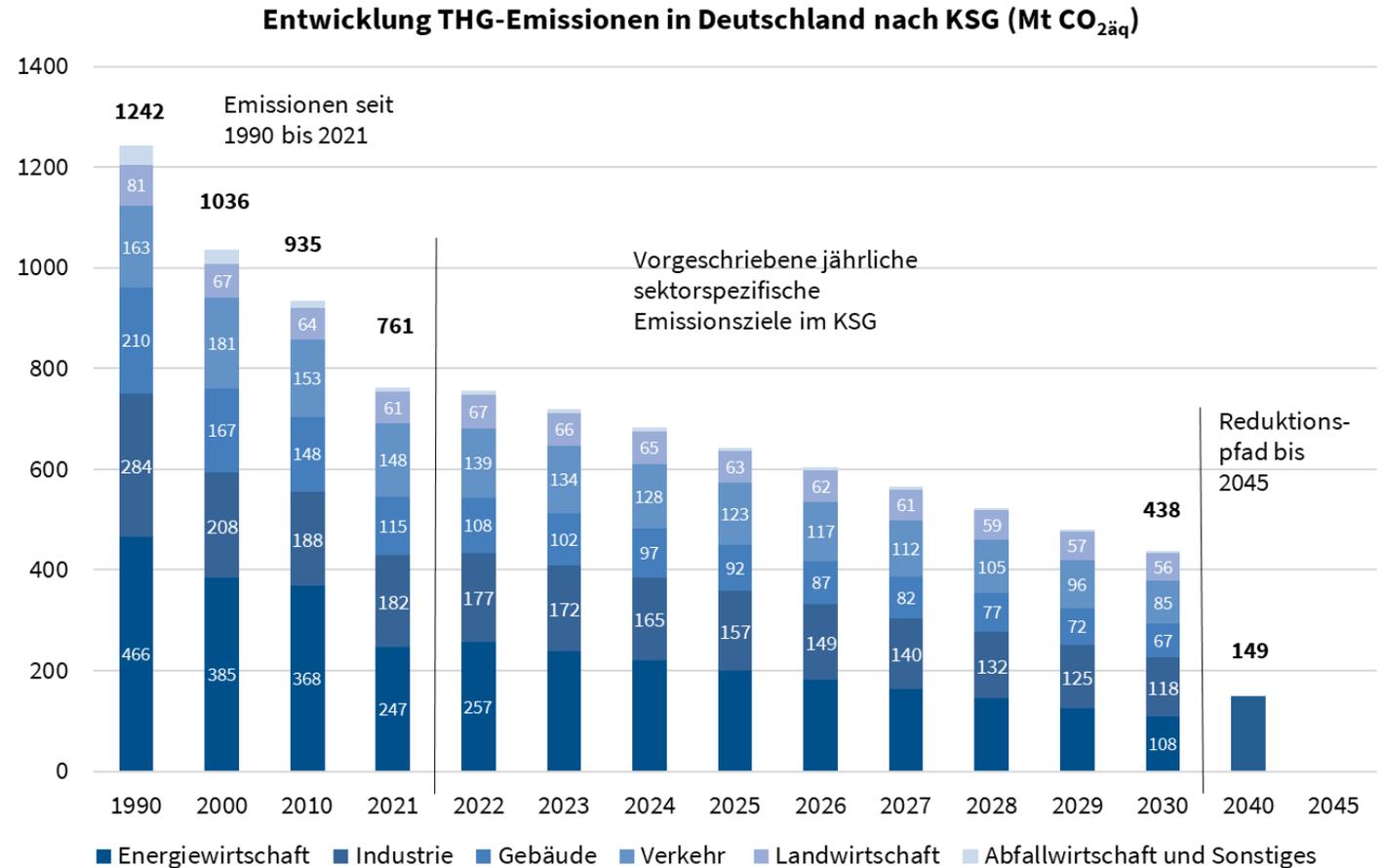
09/07/2025

Background

- According to the **Federal Climate Protection Act**, Germany must achieve **net-zero greenhouse gas emissions** by 2045.
- After 2050, **negative greenhouse gas emissions** are to be achieved.
- The **European Union** aims to reach **net-zero greenhouse gas emissions** by 2050.

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Quelle: Umweltbundesamt (2022) *Treibhausgas-Emissionen in Deutschland*. Abgerufen am 7.11.2022

von <https://www.umweltbundesamt.de/daten/klima/treibhausgas-emissionen>

Strategic Framework, Overarching Objectives

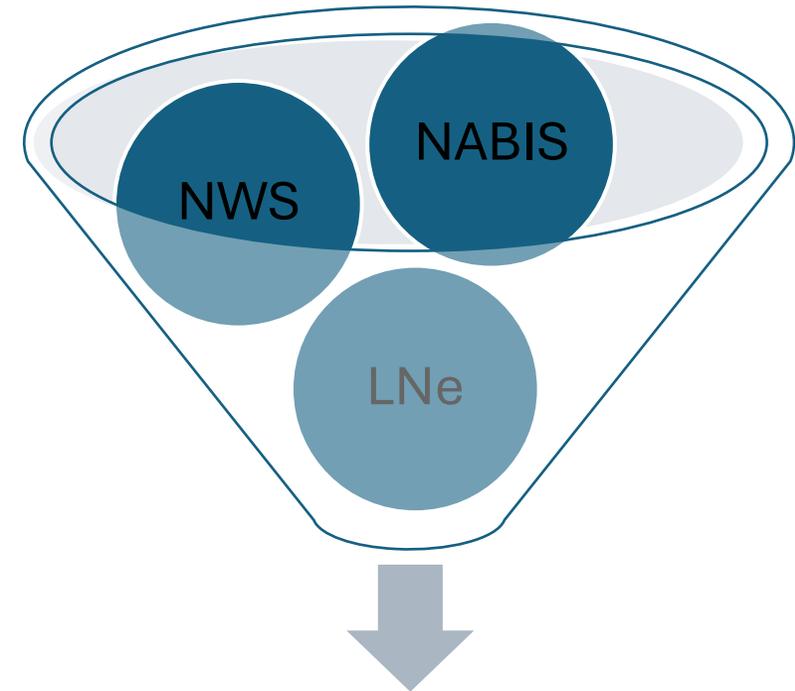
Interaction with various strategies:

- Strategy for the Industry 2030
- National Hydrogen Strategy (NWS)
- Biomass Strategy (NABIS)
- Long-term Strategy for Negative Emissions (LNe)
- System Development Strategy (SES)
- Strategy for Circular Economy (NKWS)
- Strategy for Lightweight Construction
- ...

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1. **Net-zero GHG emissions**
2. Comprehensive approach to **decarbonize the economy**
3. Secure **competitiveness**

Coalition agreement affirms importance of CCS/CCU

Rapid advancement

- „Immediately, we will **pass legislative package** that enables CCS and CCU applications especially for industrial sectors with **hard-to-abate emissions** and gas-fired power stations.“

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Energy transition and CCS/CCU

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CO₂ storage in GER

„We will allow offshore **CO₂ storage within the GER EEZ of the North Sea** as well as onshore, where geologically suitable and accepted.“

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Enable CO₂ infrastructures

„For the construction of CCS/CCU facilities and pipelines we will determine overriding public interest.“

Amendment of German CO₂ Storage Act of highest priority



Implement **legal security** for **permitting CO₂ pipelines**



Opt-in clause for Federal States to allow **onshore storage** on their territories



Enable offshore CO₂ storage in the EEZ of the German North Sea

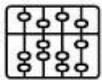
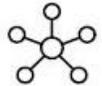
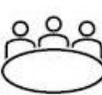
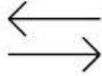


No CO₂ injection in marine nature reserve areas



Ratify **London Protocol** & amend subordinated German legislation as well

Objectives for applying CCS/CCU in GER

Objective	Measures	
Reach climate targets, phase-out fossil fuels	<div data-bbox="975 501 1154 558">Policy</div> <ul style="list-style-type: none"> <li data-bbox="975 611 1498 719">  Embed CCS into industry transition <li data-bbox="975 782 1485 868">  CCU/CCS cluster <li data-bbox="975 953 1467 1058">  Committees and working groups <li data-bbox="975 1129 1587 1219">  Integrate stakeholders <div data-bbox="1702 491 2135 562">Legislation</div> <ul style="list-style-type: none"> <li data-bbox="1727 582 2321 686">  Transport, export and storage of CO₂ <li data-bbox="1727 725 2160 829">  Infrastructure regulation <div data-bbox="1702 915 2066 982">Economy</div> <ul style="list-style-type: none"> <li data-bbox="1727 1011 2270 1115">  Incentives, pricing, funding <li data-bbox="1727 1158 2321 1262">  De-risk infrastructure 	
Ensure CCS/CCU contributes to climate protection		
Transform industry; strengthen competitiveness		
Develop climate neutral waste management		

Next steps

Short term

- **Create legal framework** for CCS/CCU (CO2 Storage Act/KSpG, London Protocol)
→ KSpG to enter into force asap

Mid term

- Implement a **governance** architecture
- Continue **stakeholder dialogue**
- Accompany ramp-up process through **regular evaluation**

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Thank you for listening!

Joint Working groups

Beth Hebditch, CCSA
Ariadna Lungulescu, CCSA



Joint Working Groups: Standardisation

Standardisation:

- Previously the “CO2 Specifications and Pipeline Standards WG”, this group is now a joint UK-EU working group to ensure alignment across CCUS Standards Development
- Last meeting: 11 March, 11:00 – 12:30 CET
- Next meeting tbc
- Co-Chair position: call for an EU co-chair. Send us your candidacy.

CEN/CENELEC Technical Committee 474:

- The CCSA is an observer member in the Technical Committee of Standardisation: **CEN/TC 474 (CCUS)**
- What is being discussed? **Business plan to make EU standards**, with priority in CO₂ composition & purity, Facilitation of (cross-border) transportation, geological storage, and quantification and verification
- Next CEN meeting: Paris, October

Other involvement: British Standards Institution (BSI)

- CCS BSI Standards Research Report
- BSI GGR Draft Standards
- PAS 247 (carbon-free electricity)



Cross-Border CO₂

EU-UK ETS Linkage

EU-UK ETS Linkage – Joint Letter

- Initiated by Wind Europe and SSE
- Published 29 April, 54 signatories - companies, think-tanks and trade associations
- Calling on EU and UK policymakers to link the EU and UK ETS, highlighting key benefits

Industry letter calling for a CCUS Working Group under the TCA

- **Reset Summit 19 May, London** - Committed to begin working on **EU-UK ETS linkage** – concrete actions yet to be defined
- **Attendees:** PM Keir Starmer, European Commission President Ursula von der Leyen, and European Council President Antonio Costa
- Draft circulated with members, accepting feedback until **14 July**, accepting **individual company logos**
- Main points:
 - Inclusion of CO₂ transport and storage in the EU-UK ETS linkage;
 - Ensure allowances are eligible in both regimes
 - Coordination of respective CCUS policies

To join the cross-border group, email ariadna.lungulescu@ccsassociation.org



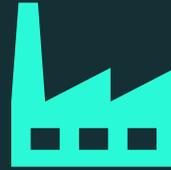
Status of Research & Projects

Rebecca Bell, CCSA



Accelerating a Europe-wide CO₂ Storage Market

Why is enabling the transport and storage of captured CO₂ between the European Union/European Economic Area and the United Kingdom beneficial ?



Crucial to effective and timely emissions reduction



Reduce the cost of reaching net zero



Support industrial players in decarbonising and staying competitive in Europe

Read the report here: <https://www.ccsassociation.org/all-news/ccsa-news/a-europe-wide-co2-market-can-reduce-storage-costs-by-20-2/>

Economic Value to the UK of Providing CO₂ Storage Services to EU Emitters

CCSA submitted additional evidence to the UK Government, produced in collaboration with Xodus and supporting members, on the economic value to the UK of providing CO₂ Storage Services to EU Emitters.

Report is Government facing, helping to inform both the Spending Review and the EU-UK ETS linkage discussions.

Report builds on “Accelerating a Europe Wide CO₂ Storage Market”, published in December 2024.

Key Messages include:

- 44 Mtpa of CO₂ captured in the EU can be stored in the UK
- Highlights Potential CO₂ export revenues by 2040, potential capital investment this can unlock, and gross value added for the UK.
- Highlights how cross border market could help support development of UK stores and lower cost of storage for both UK and EU emitters.

For more information email

Mark.Sommerfeld@ccsassociation.org or

Rebecca.Bell@ccsassociation.org

2025 Spending Review: CCSA Supplementary Submission

April 2025

2025 Spending Review: CCSA Supplementary Submission

The Economic Value to the UK of Providing Carbon Dioxide Storage Services to EU Emitters



Future Allocation Frameworks

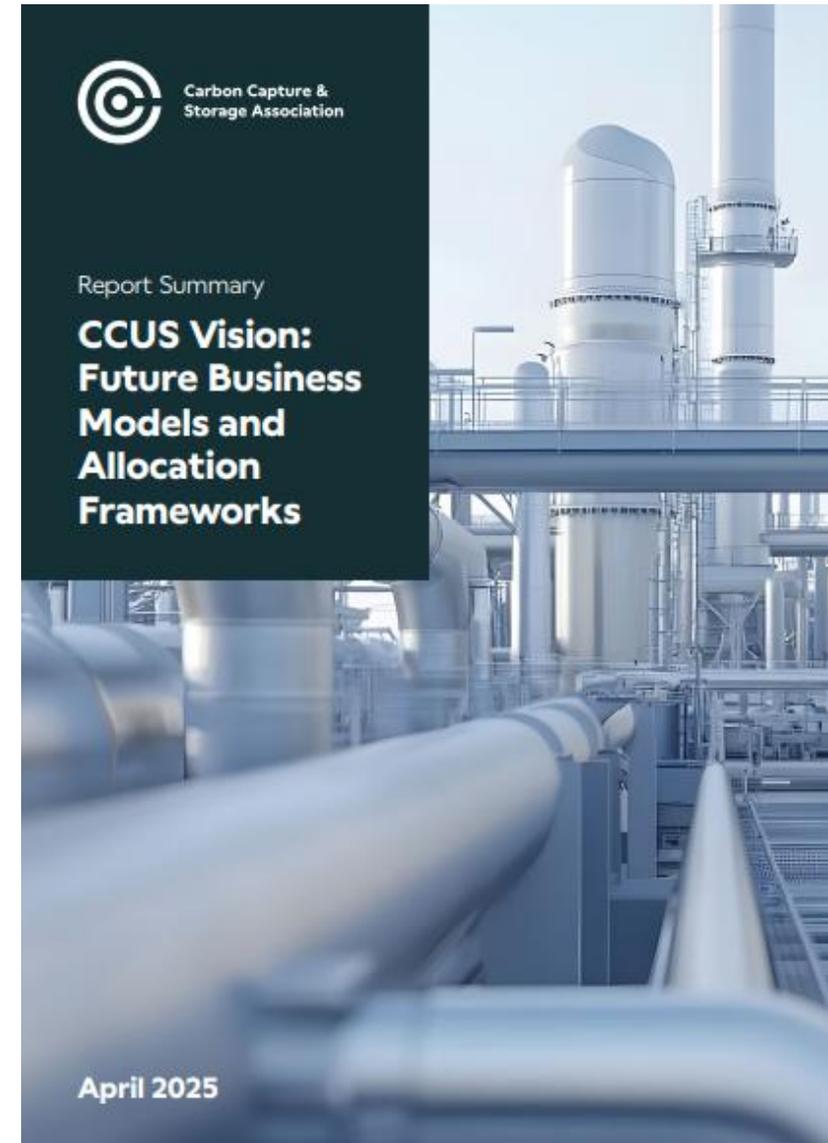


Full report available at:

<https://www.ccsassociation.org/resources/download?id=6465> (members only)

Summary available at:

<https://www.ccsassociation.org/resources/download?id=6509> (available to all)

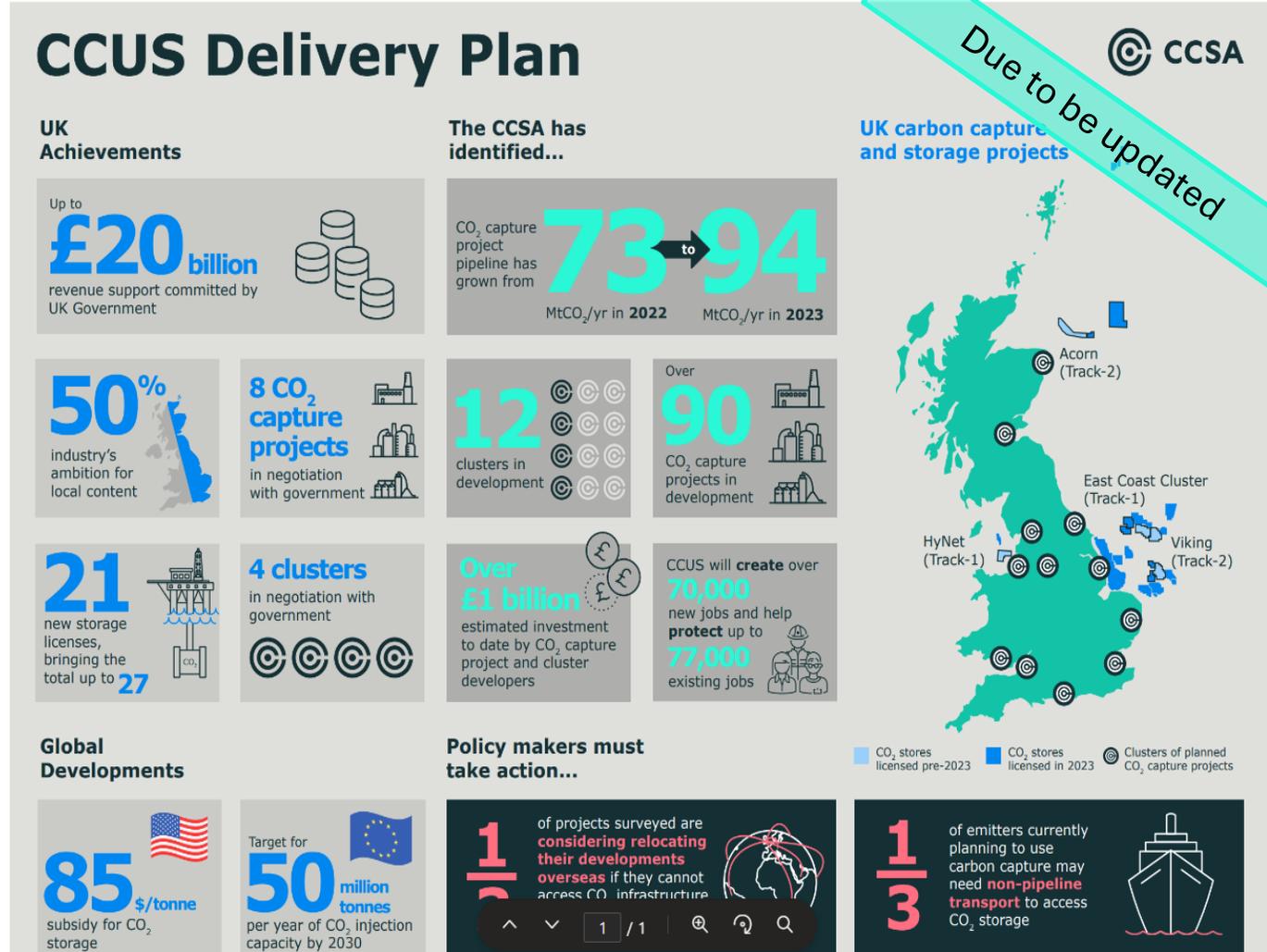


Delivery Plan – UK and EU Update

Please complete this survey to provide data on the projects CCUS you are developing:

<https://forms.office.com/e/31n1SnfzdC>

The CCSA is considering commissioning an external consultant to assess the market status, blockers and enablers for CCUS in Europe. If you have views on what the study should include, please contact Thierry.Grauwels@ccsassociation.org or Stefano.Miriello@ccsassociation.org



Further 2025 Projects

- **Further Cross Border Study led by Net Zero Tech Centre and Xodus** focused on port proximity – *kicking off soon, and aiming to complete by October*
- **Low Carbon Products** - Highlighting the importance of foundational industries and potential demand for low carbon products.
- **Possible Jobs Study**



AOB & Conclusions

- Review actions and conclusions arising from meeting
- AOB
- Next Working Group Meeting: 23 October 2025

