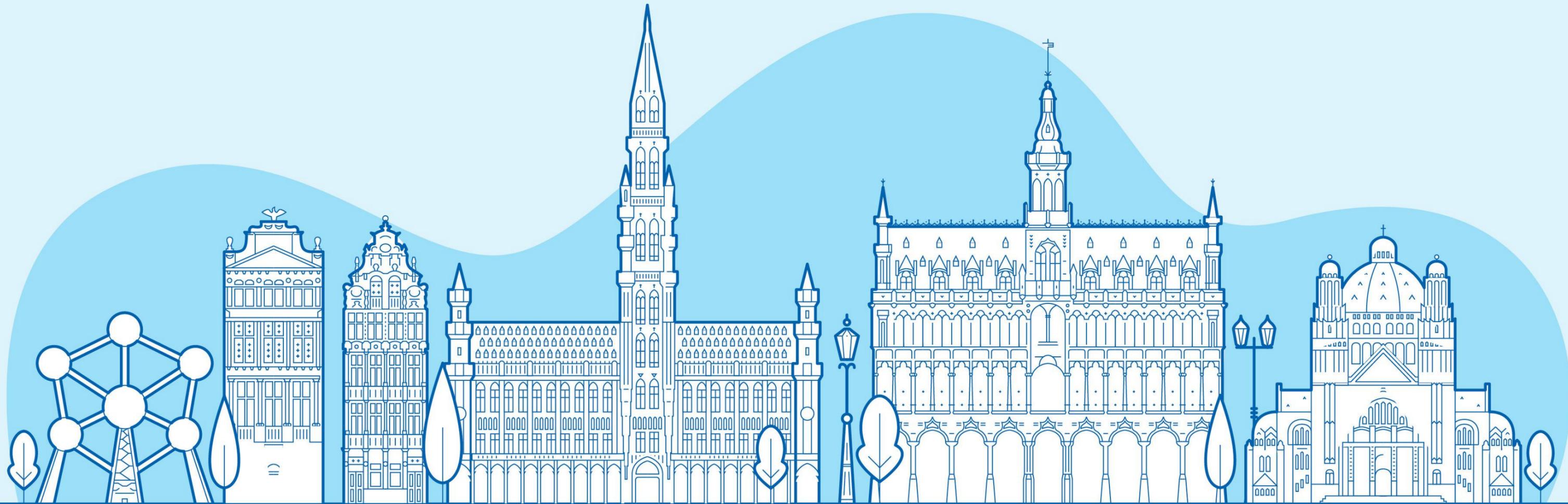


# 2026 EUROPE FORUM ON CARBON CAPTURE AND STORAGE



# 2026 EUROPE FORUM ON CARBON CAPTURE AND STORAGE



GLOBAL CCS  
INSTITUTE

## Welcome & Housekeeping



**Dr. Richard Leese**

Head of Europe

**Global CCS Institute**



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# AGENDA

Time	Session	Speaker
8:30 – 9:25	Registration	Sign in, grab coffee and network with attendees
9:25 – 9:30	Welcome and housekeeping	Global CCS Institute   Dr. Richard Leese, Head of Europe
9:30 – 9:40	Institute Presentation: An overview of CCS Progress in Europe and Globally (Global Status Report)	Global CCS Institute   Jarad Daniels, CEO
9:40 – 10:25	Panel Discussion   CCS in the Mediterranean	<ul style="list-style-type: none"> <li>✓ EnEarth/Energiean   Dr. Pantelis Vogiatzis, EnEarth Commercial Lead</li> <li>✓ SNAM   Paolo Testini, Director CCS and Carbon Removal</li> <li>✓ Spotlight Earth   Elodie Morgan, CTO &amp; Co-Founder</li> <li>✓ Técnicas Reunidas   Miguel Angel Hernando Garcia, Head of Carbon Management</li> <li>✓ Global CCS Institute   Carlo Maccherini, Senior Regional Manager Europe {Moderator}</li> </ul>
10:25 – 11:10	Networking and Coffee Break	
11:10 – 11:35	Presentation   CCS Progress in the Netherlands	Government of the Netherlands   Lies Van Kessel, Ministry of Climate Policy and Green Growth
11:35 – 12:20	Panel Discussion   Financing CCS: Public and Private Mechanisms in Europe	<ul style="list-style-type: none"> <li>✓ Bloomberg   Anastasia Tomasidou, Carbon Capture Associate</li> <li>✓ BNP Paribas CIB   Fabienne Moimiaux, Managing Director</li> <li>✓ Carbon Clean   Laura Gillions, Vice President Marketing and Public Affairs</li> <li>✓ Santander   Vanessa Lowe, Vice President</li> <li>✓ Global CCS Institute Angus Gillespie, Strategic Adviser Global Research and Analysis {Moderator}</li> </ul>
12:20 – 12:50	Fireside Chat   Preferred CCS Business Models	UK Government   Department of Energy Security and Net Zero Dr. Michael Brown, Deputy Director CCUS Strategy and Policy Global CCS Institute   Noora Al Amer, Senior Global Advocacy Lead [Moderator]
12:50 – 13:00	Breakout Session Introduction Global CCS Institute   Dr. Richard Leese, Head of Europe	

13:00 – 14:15	Lunch	
14:15 – 15:30	<p>Breakout Sessions :</p> <p>Four breakout sessions will be held during the forum. These sessions will be co-facilitated alongside partner organisations. IEA, BARINGA, CCSA, DNB Bank, IEAGHG, DNV, IEA, CL4 Change and OMEC</p>	<p>Topics:</p> <p>Financing Mechanisms, CO<sub>2</sub> Transportation, International Policy and Tracking, Sub-regional Collaboration</p>
15:35 – 16:15	Networking and Coffee Break	
16:15 – 16:45	<p>Fireside Chat   CCS and Northern Lights</p> <p>Speaking Organisation: Yara International   Luc Haustermans, Vice President Corporate Affairs</p> <p>Global CCS Institute Ian Havercroft, General Manager, Global Research and Analysis {Moderator}</p>	
16:45 – 17:00	Presentation   Scaling Investment in the CCS Sector	Baringa   Chris Thackeray, Director and Global CCS Lead
17:00 – 17:30	Breakout Session Report Back - Overview to the Plenary   Global CCS Institute   Dr. Richard Leese, Head of Europe	
17:30 – 17:40	Closing Remarks	Global CCS Institute   Jarad Daniels, CEO
17:45 – 20:15	Evening Reception Sponsored by JOGMEC	

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# 2026 EUROPE FORUM ON CARBON CAPTURE AND STORAGE



## Institute Presentation: An overview of CCS progress in Europe and Globally



**Jarad Daniels**  
CEO

**Global CCS Institute**



# The Status of CCS in Europe and Globally

# WHERE THERE'S POLICY, THERE'S PROJECTS

Notable policy advances over the past 12 months are providing greater certainty for investors



46%

Increase in the capture capacity of facilities in advanced development (FEED) from 180 to 262 Mtpa.



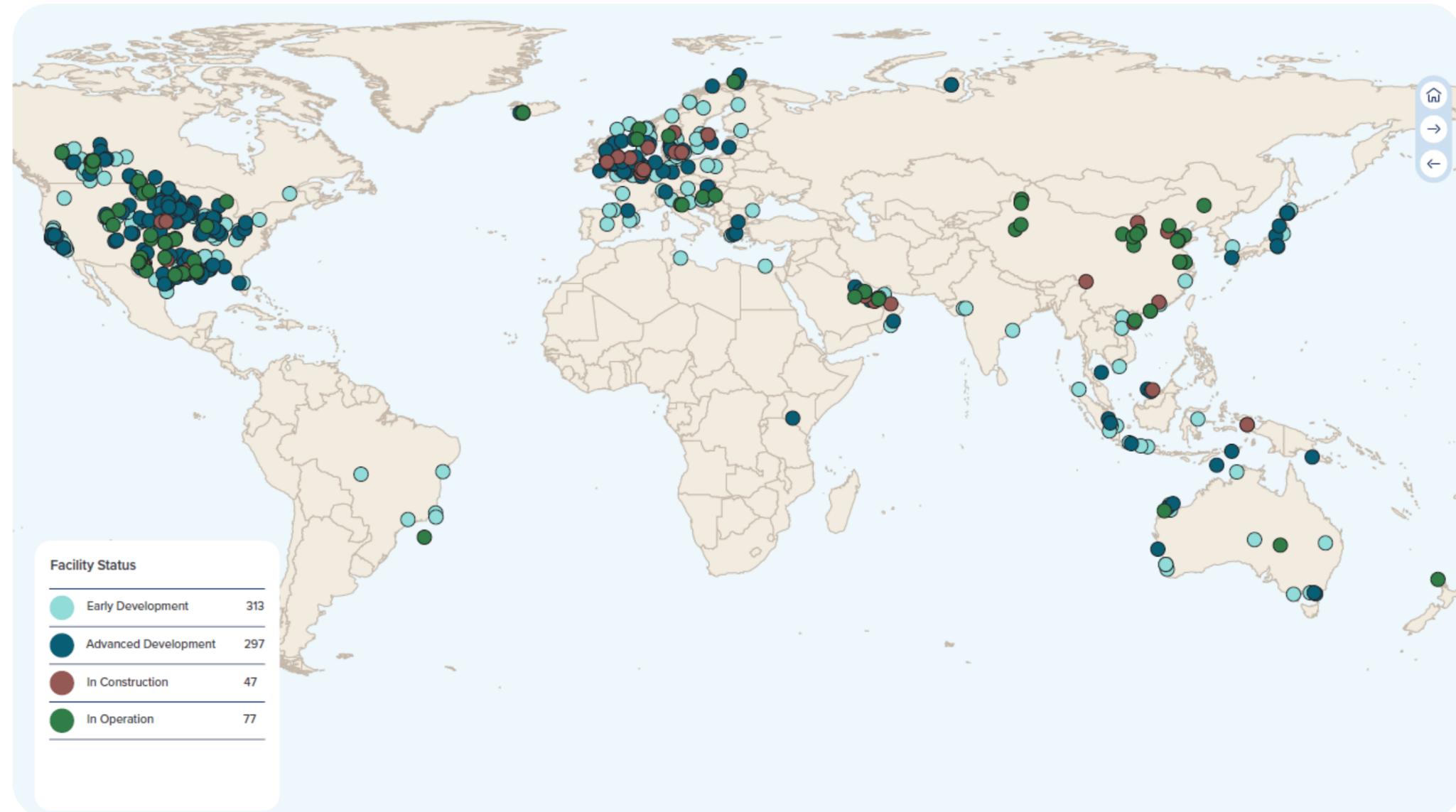
734

Total number of facilities rises 17% year on year



513 Mtpa

Total capture capacity rises 23% year on year

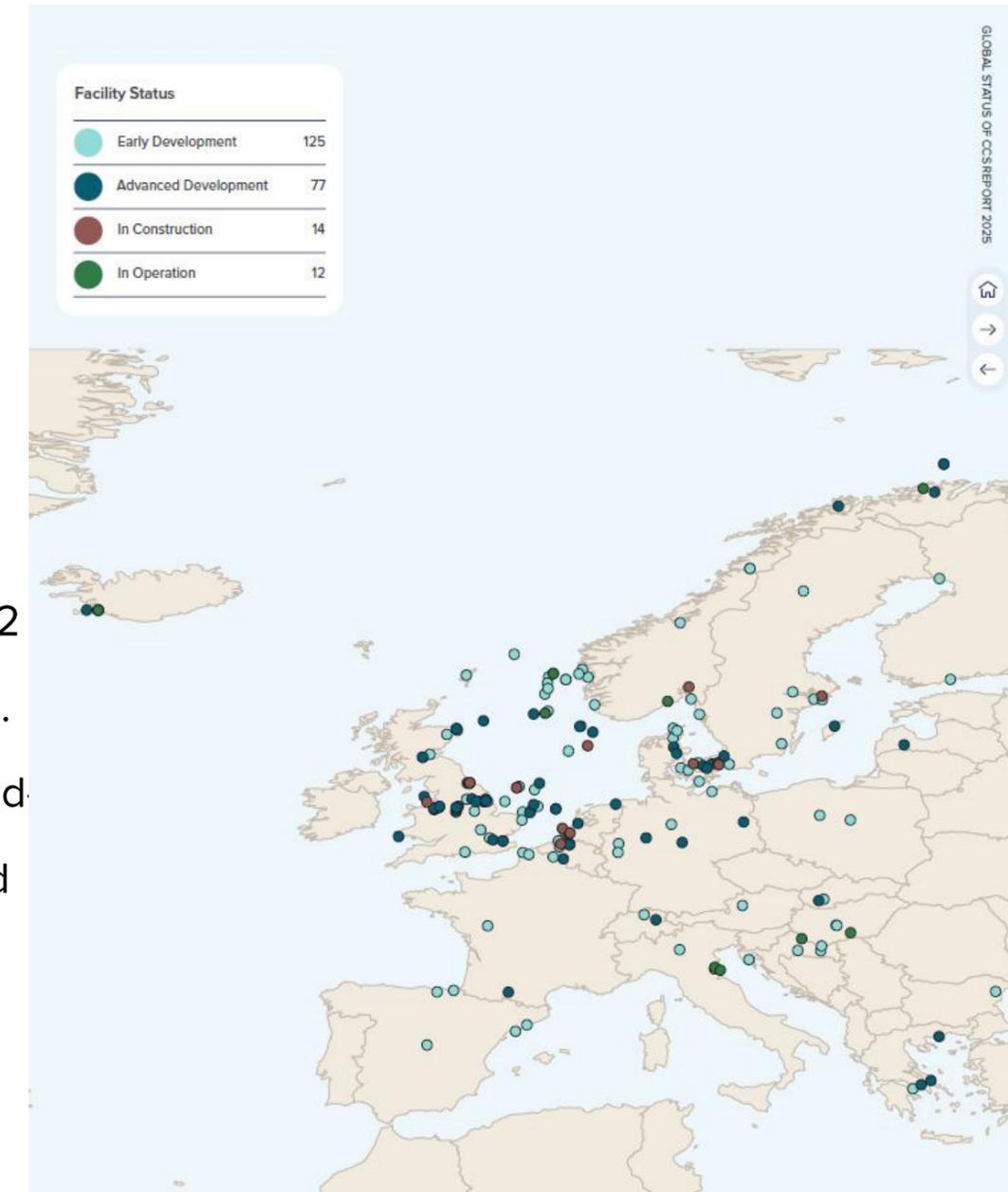


# Global Snapshot – CCS Around the World GLOBAL CCS INSTITUTE

-  **Americas:** Leading global deployment with 30+ operating projects and 223+ Mt stored, combining strong incentives with rising demand for low-carbon power, positioning CCS as both a climate and growth strategy.
-  **Asia Pacific:** 54 projects in early-stage development, supported by emerging cross-border storage hubs, though stronger incentives are still needed to unlock full scale.
-  **China:** Advancing large-scale CCUS efforts within coal, chemical and cement plants, and 7 new government-funded demonstrations. How CCS is included in China's Five-Year Plan will be key.
-  **Japan:** Moving into commercialisation with 9 advanced CCS projects (5 domestic, 4 overseas), a new CCS Business Act, and international storage partnerships to overcome limited domestic capacity.
-  **Middle East & Africa:** Transitioning from pilots to scale with 15+ active projects (including 3 operational and 5 under construction) and major hub developments led by Saudi Arabia.

# CCS Progress in Europe

- Strong EU Policy:** The Net-Zero Industry Act signals long-term commitment to CCS. The Clean Industrial Deal and the Carbon Removal & Carbon Farming Regulation aim to drive industrial decarbonisation forward.
- National Frameworks Converting Policy into Delivery:** Denmark, Germany, the Netherlands, France, and the UK are embedding CCS into industrial decarbonisation strategies, with funding schemes and enhanced regulation taking shape.
- Cross-Border Markets Further Enabled:** EU-UK ETS linkage, Mediterranean cooperation, Article 6.2 agreements and London Protocol progress are enabling CO<sub>2</sub> transport and storage across borders.
- Projects Moving from Concept to Operation:** Five CCS projects have become operational since mid-2024, with seven more at FID or financial close including Brevik, Net Zero Teesside & NEP (UK), and Greensand (DK).
- Capital and Industrial Participation Scaling:** £8bn debt financing for UK clusters, growing private investment, and EU Innovation Fund support demonstrate increasing financial maturity.
- Direction of Travel Is Clear:** While political and social challenges remain, Europe is building an increasingly coordinated, investable and connected CCS industry.



# Thank You

[globalccsinstitute.com/resources](https://globalccsinstitute.com/resources)

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Read the *Global  
Status of CCS 2025*  
report for more

# 2026 EUROPE FORUM ON CARBON CAPTURE AND STORAGE



## Panel Session: CCS in the Mediterranean



Dr Pantelis  
Vogiatzis

**EnEarth**  
Commercial Lead



Paolo Testini

**SNAM**  
Director CCS and  
Carbon Removal



Elodie Morgan

**Spotlight Earth**  
Co-founder & CTO



Miguel Angel  
Hernando Garcia

**Técnicas  
Reunidas**  
Head of Carbon  
Management



Carlo Maccherini

**Global CCS  
Institute**  
Senior Regional  
Manager Europe



**BREAK | BACK AT 11:10**

**WE WILL RESUME SHORTLY**

# 2026 EUROPE FORUM ON CARBON CAPTURE AND STORAGE



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## Presentation | CCS Progress in the Netherlands

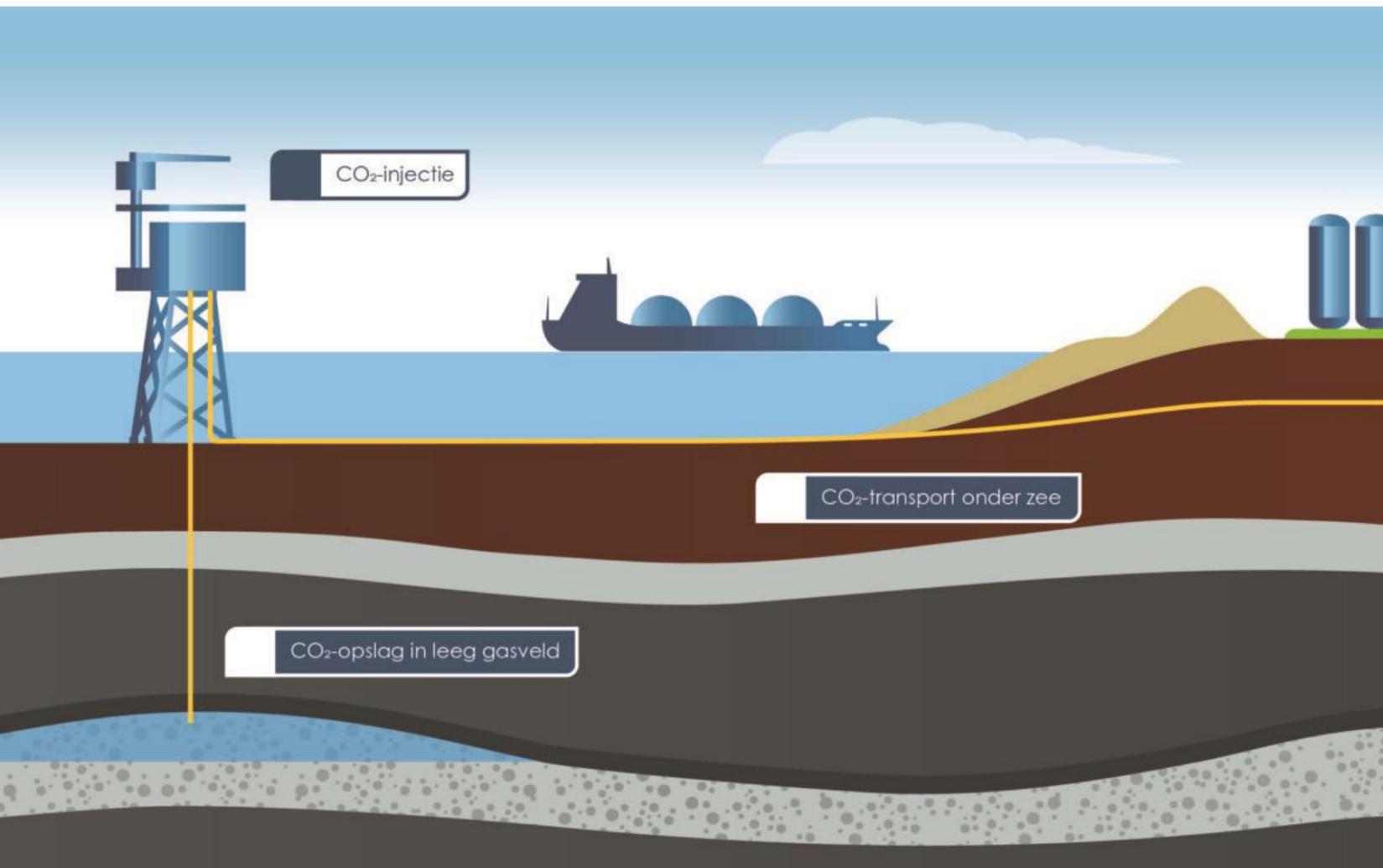


### Lies van Kessel

Ministry of Climate, Policy  
and Green Growth

**Government of the Netherlands**





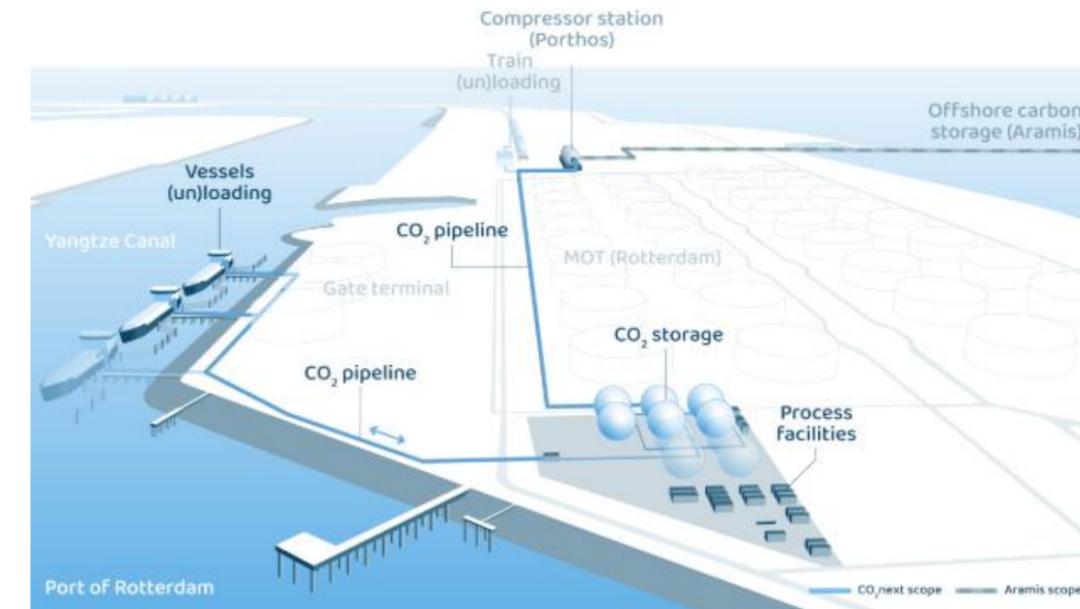
## Connecting the CCS Value Chain

*CCS Policy, Policy Instruments and Current Progress in the Netherlands*

Lies van Kessel - Policy advisor CCS  
Ministry of Economic Affairs and Climate



# Overview of projects



- 2.5 Mtpa start capacity
- Construction phase
- Ready for operation in 2026
- State owned companies
- CEF (€102 mln)

- Trunkline capacity - 22 Mtpa
- Mature project – FEED completed – Tendering trunkline started - FID 2027
- 3 Starting stores Shell, Total Energies & ENI
- Government support (€639)
- CEF award (€124 million), IF award (€118)

- Open-access CO2 hub enabling offshore storage (CCS) via Aramis infrastructure.
- Scalable capacity: Starting at 5.4 Mtpa, with potential growth to 15 Mtpa
- Unlocking international CCS value chain
- CEF award(€33 mln)



## CCS reaching national & EU climate goals

Emission reduction for hard to abate emissions

Realising negative emissions  
By 2050 between 10–40 Mt per year

### Strong public private partnerships



- State owned enterprises as Market maker & "derisker"

### CAPEX subsidy



- De-risking the first infrastructure.  
*By covering the "volume risk"*

### Market mechanisms for emitters



- SDE++ Cfd
- Demand side subsidies

### Full value chain approach



- *Collaboration, Shared timelines, bottlenecks*
- *Joint task force & Kopgroep - 'Frontrunners'*



## Subsidy scheme: SDE ++

### SDE ++ variety of sustainable technologies

Budget 8bln yearly - Duration max. 15 years

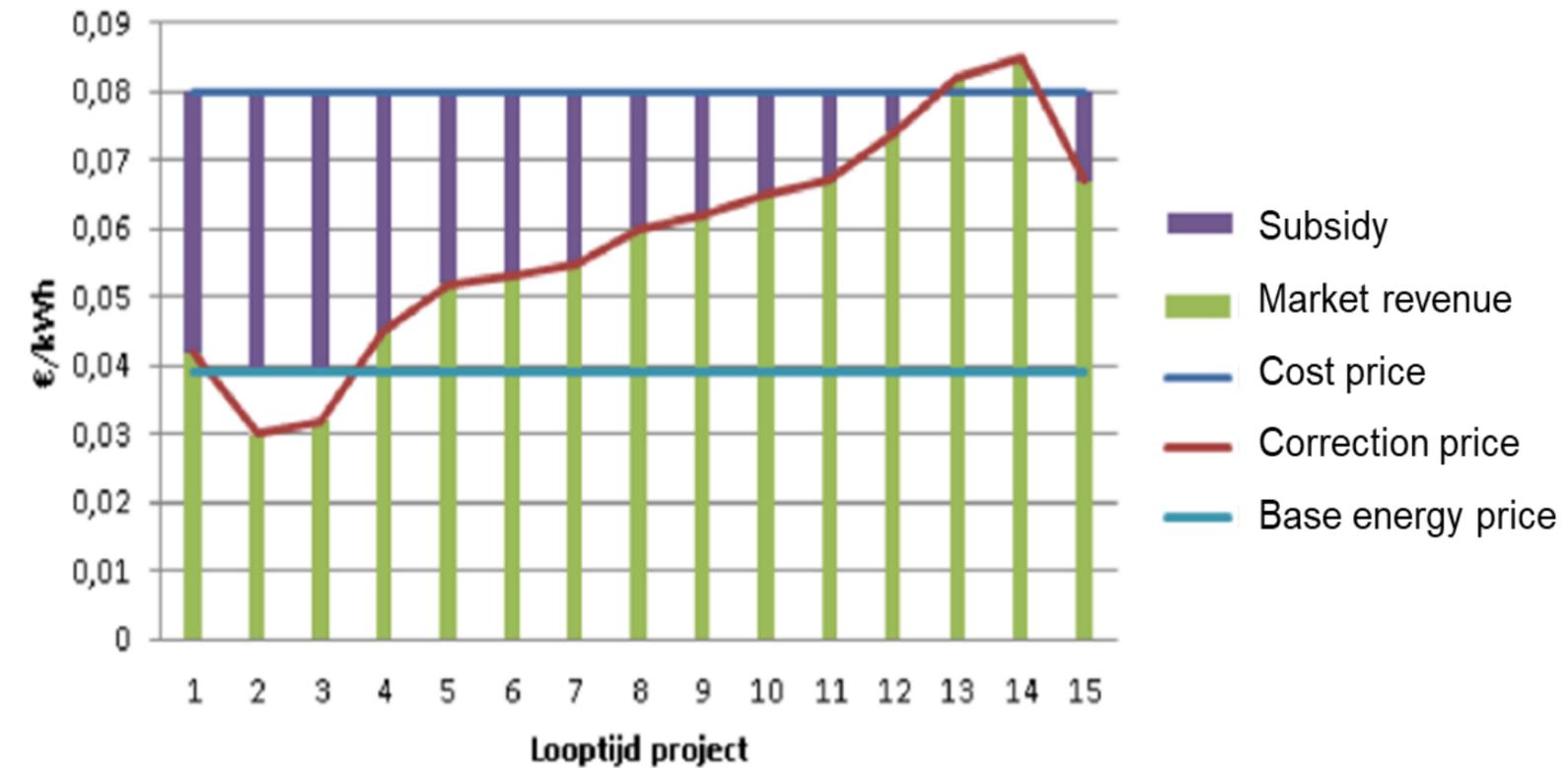
Favoures **most competitive** reduction technologies (EUR/tonne of avoided CO<sub>2</sub>).

### Targetting the **gap**

Between ETS price & Capture, Transport and Storage costs

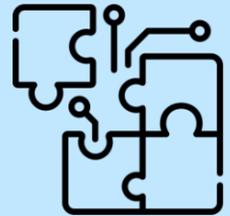
### New categories – based on market consultation

2026 SMRs/DACCS & includes CCS abroad





## Looking ahead



Towards an integrated European CCS market  
Linking longer, cross-border CCS value chains



Support the adaptation of 2009 Amendment



Cross border cooperation - MoUs



EU transport package



Knowledge building & new feasibility studies



# 2026 EUROPE FORUM ON CARBON CAPTURE AND STORAGE



## Financing CCS: Public and Private Mechanisms in Europe



Anastasia  
Tomasiadou

**Bloomberg**  
Carbon Capture  
Associate



Fabienne  
Moimaux

**BNP Paribas CIB**  
Managing Director  
Low Carbon Transition  
Group



Laura Gillions

**Carbon Clean**  
Vice President  
Marketing & Public  
Affairs



Vanessa Lowe

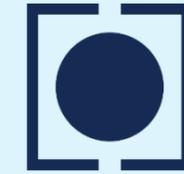
**Santander**  
Vice President, Energy  
Transition and  
Structured Finance



Angus Gillespie

**Global CCS  
Institute**  
Strategic Adviser

# 2026 EUROPE FORUM ON CARBON CAPTURE AND STORAGE



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## Fireside Chat | CCS Business Models



**Dr. Michael Brown**

**Department for Energy Security  
and Net Zero, UK Government**  
Deputy Director, CCUS Strategy and  
Policy



**Noora AlAmer**

**Global CCS Institute**  
Senior Global Advocacy Lead

# 2026 EUROPE FORUM ON CARBON CAPTURE AND STORAGE



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## Breakout Session Introduction



**Dr. Richard Leese**

Head of Europe

**Global CCS Institute**



# 2026 EUROPE FORUM ON CARBON CAPTURE AND STORAGE



## Four Breakout Sessions



### CO<sub>2</sub> Transportation

**Location: Floor 2  
Room: Ballroom**

**Speakers:**

Nicola Clarke, IEAGHG  
Simon Dohn Holm, DNV  
Richard Leese, The Institute



### Financing Mechanisms

**Location: Floor 3  
Room: Risio Room 2&3**

**Speakers:**

Chris Thackeray, Baringa  
Thierry Grauwels, CCSA  
Jan Erik Berre, DNB



### International Policy and Tracking

**Location: Floor 3  
Room: Risio Room 5**

**Speakers:**

Carl Greenfield, IEA  
Noora Al Amer, The Institute



### Sub-Regional Collaboration

**Location: Floor 3  
Room: Risio Room 4**

**Speakers:**

Carlo Maccherini, the Institute  
Sohbet, Karbuz, OMEC  
Claude Lorea, CL4Change

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Claude Lorea, CL4Change



**LUNCH BREAK | BACK AT 14:15**

**WE WILL RESUME SHORTLY**

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IEAGHG & DNV**



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**Speakers: The Institute  
Baringa, CCSA and DNB**



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**Speakers: The Institute  
IEA**



### Sub-Regional Collaboration

**Location: Floor 3  
Room: Risio Room 4**

**Speakers: The Institute  
OMEC & CL4Change**

# 2026 EUROPE FORUM ON CARBON CAPTURE AND STORAGE



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## Fireside Chat



Luc Haustermans

**Yara International**

Vice President Corporate Affairs  
and Industry Relations



Ian Havercroft

**Global CCS Institute**

General Manager  
Global Research and Analysis

# 2026 EUROPE FORUM ON CARBON CAPTURE AND STORAGE



GLOBAL CCS  
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**Chris Thackeray**

Director and Global CCS Lead

**Baringa**





# Developing investable policy support and commercial models for European CCS

Lessons from Baringa's global CCS work

Global CCS Institute Europe Forum

March 2026



## Introduction and key message

### The central challenge to scale the CCS sector in Europe is developing investable policy support and commercial models

- 1 Technology is proven and increasingly acceptable to capital
- 2 We have already demonstrated this can be investable, with the right policies and commercial structure
- 3 Private capital is plentiful and willing

# The SMI CCS project explored ways to overcome financing challenges and encourage private investment for global CCS deployment



## Objective

### How can the financial services sector:

- work with industry and governments to create scalable business models;
- develop innovative funding structures;
- improve information flows;
- and mitigate risks

### to unlock billions of private capital in CCS deployment?

## Outcomes

### Three integrated recommendations

to provide a practical starting point to **broaden sources of capital, inform better policy and accelerate early deployment.**



## Approach

- 1 Unpack lessons from international cases
- 2 Engage leading institutions and sector experts
- 3 Develop, test and refine recommendations

## Engagement

- 65+ Participants and London Climate week workshops
- Bilateral sessions across key stakeholders
- 75+ Senior stakeholders at NY Climate week workshop

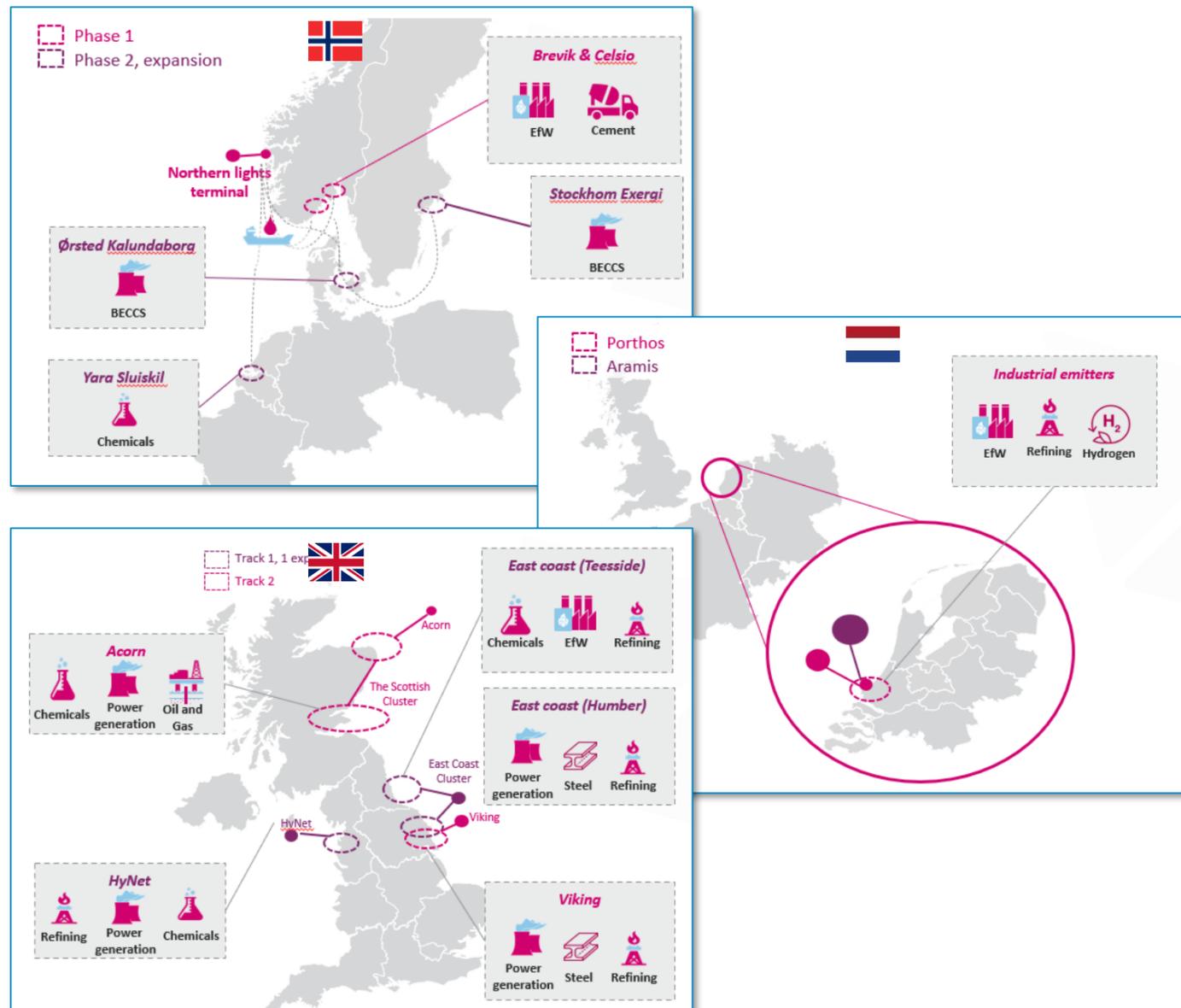
### Final Report:

- ✓ Global case studies
- ✓ Market developments
- ✓ Recommendations

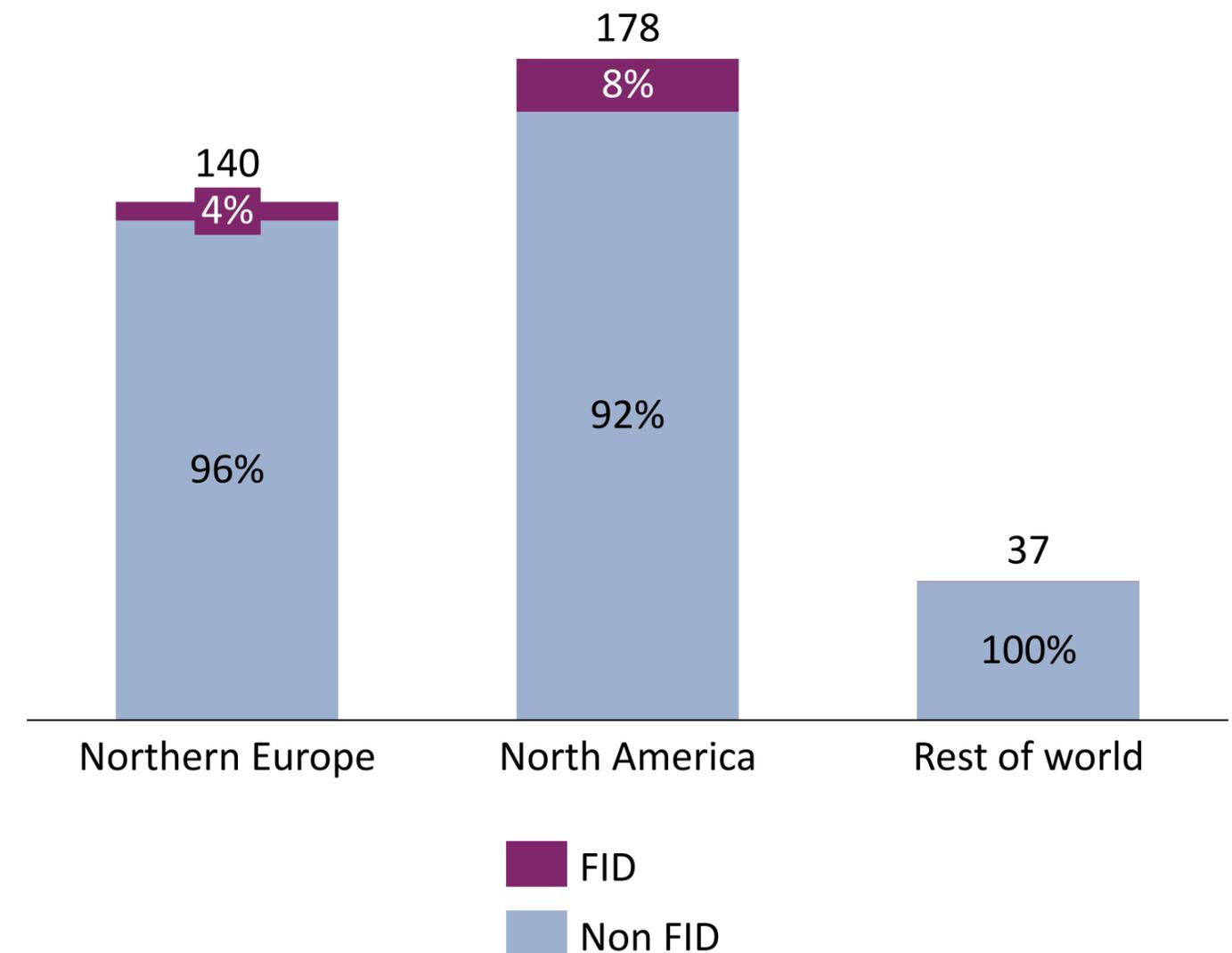


# Europe's CCS challenge is not ambition, its investment appetite. Policy and commercial models must work to attract private capital

## Europe's emerging CCS clusters

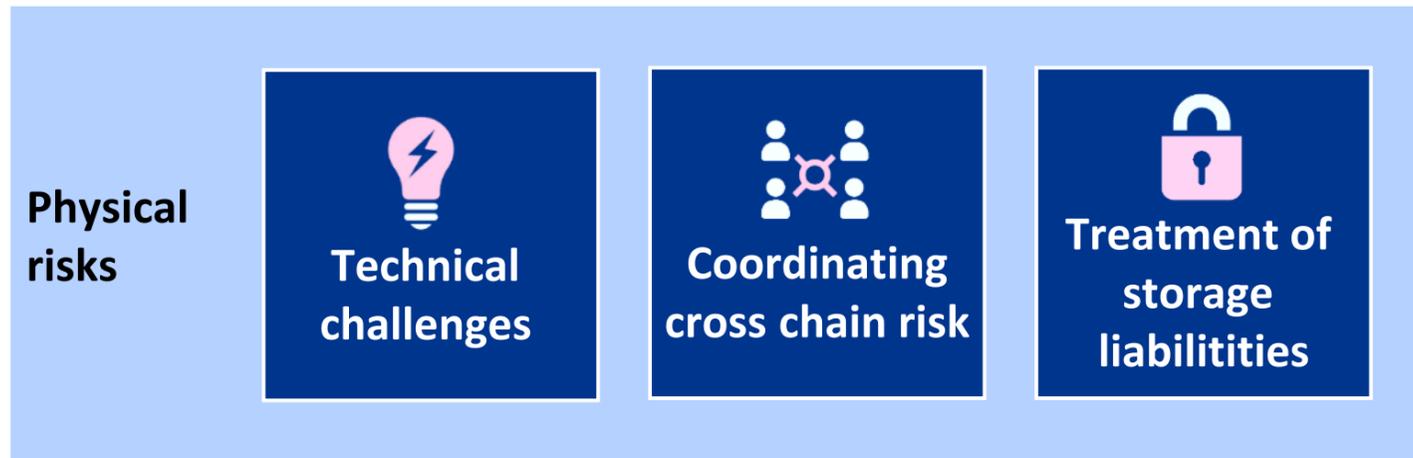


Capture pipeline by region<sup>1</sup> (MtCO<sub>2</sub>)



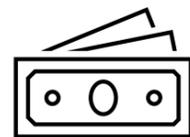
# Capital does not need perfect business models, but it does need risk clarity

Key risks are both physical and market based



- **Private capital must get comfortable with these risks**
- This requires solid commercial cases from project developers
- Policy is fundamental to addressing these risks

# There are three core challenges for policy makers and developers for successful financial investment decisions



## 1. Bridging the cost gap

Customer ability to pay for CO<sub>2</sub> capture and T&S is often lower than cost today

### Green product premium

- ▼ Carbon pricing and markets
- ▼ Product mandates
- ▼ Regulatory guidelines



## 2. Managing value chain risks

Delivery and operation of CCUS value chains carries significant project risk

### Cost & performance

- Cross-chain infrastructure exposure
- Long-term leakage
- First-of-a-kind, large scale infrastructure



## 3. Coordination between parties

CCUS development is complex, requiring timing and geographic coordination

### Aligning stakeholders

- Aligning multiple investment decisions
- ▲ Partnerships for capabilities
- ▼ Funding support and private sector risk allocation

Capacity for private sector to manage risk

- ▼ Low ability
- Some ability
- ▲ High ability



Government facilitating role

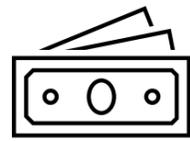
**BUSINESS CASE**

**FINANCEABLE**

**DELIVERABLE**

# Models are different across jurisdictions, but each addresses the core challenges

## Bridging the funding gap for CCUS decarbonisation



Carbon pricing linked support



Bespoke contracts



Fixed premiums



## Management of project risks to unlock capital



RAB + revenue support



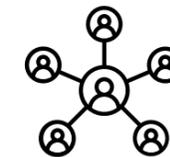
Government funding



Government equity



## Coordination of development activities between parties



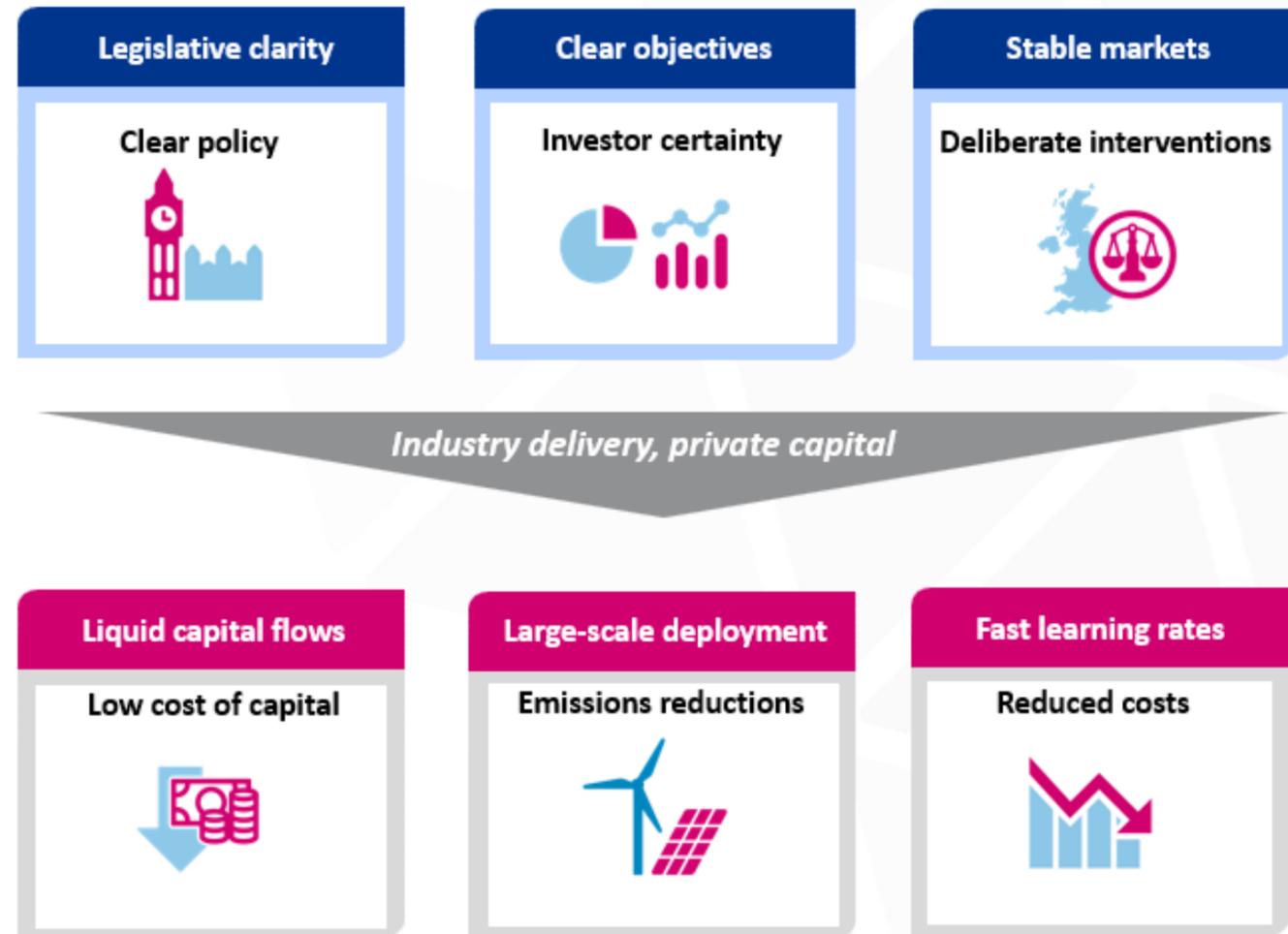
Early institutional frameworks

Neutral guiding hand

Clear roles across chain

# Europe's CCS challenge is developing investable policy support and commercial models

## Certainty attracts capital



- 1 Capital is available for CCS in Europe
- 2 CCS is essential and we are not short projects
- 3 Investability is the bottleneck

# Europe's CCS challenge is developing investable policy support and commercial models

## Q&A

## Download the Report for the Sustainable Markets Initiative



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## Breakout Report back



**Dr. Richard Leese**

Head of Europe

**Global CCS Institute**



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## Breakout Session | Report Back



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# 2026 EUROPE FORUM ON CARBON CAPTURE AND STORAGE

## Closing Remarks



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**Jarad Daniels**

CEO

**Global CCS Institute**



# THANK YOU FOR ATTENDING THE 2026 EUROPE FORUM ON CARBON CAPTURE AND STORAGE

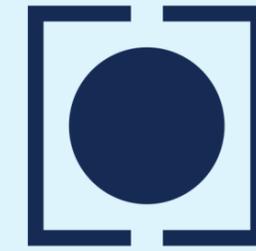
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 Questions? Reach out to [events@globalccsinstitute.com](mailto:events@globalccsinstitute.com)

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