

CCSA WG meeting minutes

30 October 2025

Online Meeting – recording [here](#).

No.	Item	Action
	<p>Attendees</p> <p>Alberto Sanchez Miravalles, CCSA Stefano Miriello, CCSA Thierry Grauwels, CCSA Yanxi Zhou, CCSA Ariadna Lungulescu, CCSA Jasper Heikens, Ecolog Frederic Vidal, Total Samuel Chan, ERM Nicolas Peugniez, NaTran Robert Hines, Arup Caterina Molinari, Snam Nathanael De Leusse, NaTran Leslie Jaimes Gutierrez, Enagas Lukas Reichenberger, OGE Shafi Kareem, Elimini Giulia Staffetti, Snam Holly Henderson, Worley Theodor Pina, Snam Andrea Cipollett, Snam Maddalena Angiari, Snam</p>	<p>Giulio Nicolett, Snam Freek Beijer, Gasunie Harry Spencer, Carbon clean Calum Mackintosh, Goal7 Francesco Arena, ENI Andrew Sanders, Perenco Ekaterina Shilina, RWE Clemens Foerster, BH Daniel Millward, Uniper John McLaughlin, Storegga Andrea Girotti, Snam Fergus Marcroft, Carboncatalyst</p> <p>Wan Mahsuri Bt Wan Hashim, Petronas Noor Aini Bt Yusof, Petronas Tiana Walker, Storegga Stacey Collins, Pinsentmasons Armes, Chris, Veri Fergus Marcroft, Carboncatalyst Ben Skales, storegga.earth Ong, Yea-Ling, Shell</p>
1	<p>Agenda:</p> <ul style="list-style-type: none"> • Introduction & housekeeping • Introduction of new co-chairs • CO2 consultation planning & overview • Discussion on Consultation questions • AOB & conclusion 	
2	<p>Quick presentation of the new elected co-chairs and explanation on how the CCSA is addressing its response to the new CO2 Transport consultation.</p>	
3	<p>To collect member input on the ongoing European consultation regarding CO₂ transport regulation, infrastructure development, and cross-border coordination.</p>	

Key Discussion Points

1. Regulatory framework

- General agreement that regulation should remain **light-touch** and **phased**, adapting as the market matures.
- **Harmonized technical standards** across borders are essential to avoid inconsistencies.
- **Economic regulation** (e.g., tariffs) not yet appropriate; should apply only if clear market failures emerge.
- Distinction should be made between **pipeline** and **non-pipeline transport** (shipping, terminals), as they differ economically and operationally.

2. Market development & role of institutions

- Early regulation risks slowing down market emergence; flexibility and monitoring preferred.
- The **European Commission** should act as a **coordinator/enabler**, not as a central regulator, especially during early market stages.
- Clarification needed on roles of the **Commission vs. Member States** in defining clusters and overseeing infrastructure planning.

3. Infrastructure planning & oversizing

- Debate on whether to **oversize pipelines** for future demand or build smaller, modular networks.
- Consensus that some **future-proofing** is necessary but should be balanced with market-driven demand.
- **Cluster-based development** favored, emerging through consultation with market participants rather than top-down planning.

4. Barriers and de-risking

- Main barriers identified:
 - **Regulatory uncertainty**, especially cross-border.
 - **Insufficient de-risking and funding instruments** (e.g., Innovation Fund).
 - **Lack of common standards** for CO₂ composition and pressure.
 - **Physical barriers** such as limited sequestration capacity, notably in the Mediterranean region.
- Recommendation to improve **EU-level funding** and enable **cross-border cooperation**, including potential **North African storage sites**.

5. Repurposing existing infrastructure

- Discussion on value mismatch between existing oil/gas pipelines and new CO₂ transport needs.

	<ul style="list-style-type: none"> • Recognition that repurposing may face economic and ownership challenges, requiring market-based or regulatory solutions. • Regulation should only be applied where natural monopoly conditions are proven. <p>6. Permitting and governance</p> <ul style="list-style-type: none"> • Support for streamlined or accelerated permitting, similar to PCI projects. • A single point of contact model may not be feasible EU-wide but could be coordinated through guidance or advisory mechanisms. Need to review the specific questions on this. <p>7. CO₂ Leakage and monitoring</p> <ul style="list-style-type: none"> • Agreement on need for harmonized monitoring and leakage protocols, especially for cross-border operations. • Emphasis on avoiding excessive or premature regulation that could burden early projects. 	
4	<p>AOB & conclusion Second focus session on 13 Nov, 15:30 CET Send your feedback by 6 Nov.</p>	