

ETN CCS Taskforce – Monthly Meeting

Minutes of the meeting

4 October 2024, Online

Participants	
Present	
Jens Walter	BASF
Nicolò Cairo	ETN
Mohammad Mansouri	UiS
Peter Breuhaus	NORCE
Christian Gossrau	RWTH Aachen
Andrea Ciani	Ansaldo Energia
David Peralta-Solorio	Uniper
Andrea Zelaschi	POLIMI
Laurent Mariac	TotalEnergies
Ward De Paepe	University of Mons
Emanuele Martelli	POLIMI
Apologies:	
James Bain	RWE
Renaud Le Pierres	Parker
Vincent Thielens	University of Mons

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1. Introduction

The Members of the ETN CCS Taskforce discussed the new activities for Q4/2024 and 2025. Actions are reported under Section 4.

2. Report on the definition of the most optimal CO₂ transportation related to CCS-GT

Uniper, SSe, UiS, UMons, RWTH Aachen, Equinor confirmed their expression of interest in participating in this task. Equinor is interested in participating as reviewer.

1. Members are eager to explore the current status of the means of CO₂ transportation, including pipeline, rail or shipping.
2. The Report shall also cover the intermittency of CCS-GT and the effects on impurity.

3. Webinar series

Webinar series. ETN is planning the second webinar for November 2024. Air Liquide was contacted by Nicolò Cairo, but no confirmation was received so far (latest update from this week).

Jens Walter is also in contact with another company for this webinar.

4. Master Thesis

The University of Mons prepared the second Master Thesis on CCS-GT, entitled “[Uncovering the economic tipping point between H₂-based GTs and CCS-enhanced GTs](#)”.

Ward De Paepe expressed lack of clarity on the capital and operating costs associated with H₂-GT and CCS-GT.

The Master Student has been already identified “Jean BERIOT” and will start the work soon. The expected completion of the Master Thesis is in June 2025.

5. CCS-GT Technology Database

Participants reviewed the [Technology Database of CCS-GT](#), recently prepared by the ETN Office.

6. Next meeting

The next meeting will take place on Friday, 8 November at 15:00 (CET).

7. Actions list

#	Actions	Resp.	Deadline
1	Gather literature, open-source data on the current status of the means of CO ₂ transportation, including pipeline, rail or shipping	DPS, MM, CG, NC	06.11.2024

2	Share a slide with the ETN Office on your results of the literature and open-source data	DPS, MM, CG	06.11.2024
3	Prepare Word file with the first draft of the index	NC	08.11.2024
4	Provide updates on the second episode of the CCS Webinar Series	RLP, NC, JW	30.10.2024
5	Discuss the introduction meeting for the Master student, who will be involved in the Thesis	VT, WDP, NC	08-10.10.2024 (during October Workshop)
6	Provide University of Mons with support to gather data on the capital and operating costs associated with H2-GT and H2-GT (Master Thesis), by facilitating exchange from other ETN Members.	NC	Due time (when the Thesis will be under development)
7	Start adding already known projects of CCS-GT	NC	08.11.2024