

ETN CCS Taskforce

Minutes of the meeting

03.07.2024, Online

Participants	
Present	
Nicolò Cairo	ETN
Jens Walter	BASF
Renaud Le Pierres	Parker
Jose Angel Garcia	KTH
James Bain	RWE
David Peralta-Solorio	Uniper
Francesco Cardile	EthosEnergy
Alberto Cavalli	EthosEnergy
Laurenz May	RWTH Aachen
Andrea Ciani	Ansaldo Energia

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1. Summary of recent activities

Nicolò Cairo (ETN) briefed CCS Taskforce members on the recent achievements. The Master thesis on “*Evaluation of the Minimum Size of A GT-CCS System for Economically Viable CO₂ Reduction Measures*” was finalised by Simona Calenda (Politecnico di Milano) in April 2024.

The new ETN webinar series was recently launched, with a first episode with BASF on 20 June 2024. The event attracted a high number of participants (111 attendees).

The governance of the CCS Taskforce was recently changed. Jens Walter (BASF) is the new Chair of the Taskforce, whereas James Bain (RWE) accepted the role of Vice-Chair.

2. New activities

a) *Second Master Thesis*

Members of ETN CCS Taskforce discussed the scope and objectives of the second Master thesis entitled “*Evaluation of the Maximum Size of a H₂-Fired GT with Given Constraints on the H₂ Supply Infrastructure*” (a research question already formulated in April 2023).

ETN Members agreed on the need to review the scope of the Master Thesis. Andrea Ciani (Ansaldo Energia) proposed a new topic for the second master thesis, namely a multi-parametric study which would address the identification of the GT size and efficiency (which, in turn, influence the decision on whether to proceed with CCS-GT, blue, and/or green hydrogen solutions).

b) *Second episode of CCS webinar series*

ETN Members discussed the organisation of the second webinar, which should take place in September/October. Renaud Le Pierres (Parker) proposed to invite John Gülen (Bechtel).

3. October Workshop

Given the unavailability of Jens Walter to attend the upcoming ETN October Workshop in Stuttgart, Germany (8-10 October 2024), James Bain will be chairing the physical meeting of the CCS taskforce on Thursday, 10 October. Renaud Le Pierres has volunteered to co-chair the meeting.

The agenda of the CCS meeting during the October Workshop will be as follows:

1. 2024 objectives and activities (15 minutes)
2. New activities for 2025 (45 minutes)
3. A 15-minutes thematic presentation. James Bain proposed an RWE presentation on the dispatchable agreement in the UK market for CCS.
4. A Q&A session (15 minutes)

4. AoB

The next virtual call of the CCS Taskforce will take place on Monday, 9 September at 15:00 (CET). Participants already received the invitation to join the call.

5. Actions list

#	Actions	Resp.	Deadline
1	Prepare one-pager on the new Master Thesis research question. The topic will be on the multi-parametric study.	Jens Walter Andrea Ciani Nicolò Cairo	09.09.2024
2	Discuss with John Gülen the possibility to give a presentation during the second CCS webinar.	Renaud Le Pierres	31.07.2024
3	Confirm RWE availability to give a thematic presentation during the October Workshop.	James Bain	19.07.2024
4	Launch call with Jens Walter, James Bain, and Renaud Le Pierres to organise CCS meeting during October Workshop	Nicolò Cairo	05.07.2024