

## **DRAFT MEETING MINUTES**

### **ZEP 76<sup>th</sup> ADVISORY COUNCIL AND IWG9 PLENARY**

13 September 2023, 10:30-17:00 CEST

In-person meeting in Brussels (and online)

#### **1. Welcome and introduction**

ET/chair welcomes participants and confirms quorum. Chair welcomes the new ZEP secretary-general Joop Hazenberg. JH introduces himself. Chair thanks POG for his hard work and constant efforts to develop ZEP and support CCS deployment in Europe. Chair gives the floor to JR and WG for an update on the interaction between ZEP and IWG9. WC says it is more efficient to have one meeting but IWG should be seen as different from ZEP by outside stakeholders. The plan is to have two joint and two separate meetings per year.

Chair asks if there is any other agenda item. Asks for approval of:

- the IWG9 Plenary/AC76 draft meeting agenda – approved.
- the IWG9 Plenary/AC75 draft meeting minutes – approved.
- the ACEC August draft meeting minutes – approved.
- the ACEC July draft meeting minutes – approved.

#### **2. ZEP developments**

JH provides an update on the budget. Financial reserves are expected to increase during 2023. Chair introduces the different options regarding ZEP's future development, outlining that there needs to be a strong secretariat and a plan to grow ZEP. A members-only meeting with European Commission representatives will discuss options and propose a way forward. A discussion with participants follows. Chair reminds members to read the document presenting the different options and asks to confirm attendance to the meeting.

### **3. Updates from governments and projects**

SF from the Porthos project presents the latest developments following the positive Dutch Council of State ruling. A Q&A follows.

PB presents the GeZero project that was recently selected for Innovation Fund funding. A Q&A follows.

CP and MP present France's draft strategy on CCS and CCU. A Q&A follows.

Chair thanks the speakers.

### **4. SET-Plan Review**

JR says that the ZEP Advisory Council and the IWG9 plenary are combined, adds that the co-chairs are looking at synergies between both. EL presents the planned review of the SET Plan. The aim is to align targets and activities with the new energy and climate policy. The identification of the most appropriate storage options will be supported. There will be additional considerations on hydrogen and cross-cutting topics. A new implementation working group (IWG) on hydrogen is planned. The implementation plan is planned for the end of September.

### **5. Updates from the Networks**

#### **a. Network Policy & Economics**

LSN gives an update on the ZEP Network Policy and Economics and the Working Group Policy & Funding. Chair asks for the approval of RB as co-chair of the Working Group Policy & Funding – approved. LSN presents the consultations that ZEP recently responded to. Chair asks for approval of the draft responses – approved. CAB provides an update on the CCSA/ZEP working group on CO<sub>2</sub> transport by ship. The first draft of the report was presented early September.

CDM raises a point regarding the ongoing consultation on the restriction of per- and polyfluoroalkyl substances (PFAS) and its potential impact on CCS and CCU. CDM says IOGP would be happy to have a joint position with ZEP. JH says the consultation is very technical and that ZEP is gathering information at this stage.

#### **b. Network Technology**

AF gives an update from Network Technology, presenting an overview of the latest meeting of the Network and the temporary working groups. Chair asks for approval of the draft responses to recent consultations – approved.

#### **c. Projects Network**

SS gives an update on the Projects Network that is scheduled to take place at the Porthos project in Rotterdam. This Network will allow information sharing between CCS and CCU projects across

Europe. Coordination will be required as Porthos is planning its final investment decision in November.

## **6. Updates from the External Relations Group**

KH gives an update on the External Relations Group (ERG), noting the call for the vice-chairs to present new ERG co-chairs and the merge of the Communications Group and the ERG. KH gives an overview of recent events and communications activities, including the EU Sustainable Energy Week 2023, outreach with the EC, the “10 Experts, 10 Ideas, One Goal” Campaign, and a potential side event at COP28.

## **7. Updates on ZEP membership**

JD presents the activities of 8Rivers that recently joined ZEP. LH presents the activities of Yara that became member today. Participants congratulate and welcome the two new members. Chair informs that the new ExxonMobil and Shell representatives are respectively Marie-Laure Halleman and Al Tucker.

## **8. Investing in CCS and CCU technologies – The Net Zero Industry Act**

CAB introduces the topic, focusing on the provisions in the Net Zero Industry Act that are relevant to CCS. MV says that a minimum threshold for obligated companies is being discussed by the Council. The ENVI and ITRE committees have diverging positions. The Council’s current position includes CO2 transport as part of the activities eligible for faster permitting and administrative processes. There is a risk of lack of storage. The hope is that the Act is voted before the 2024 European Parliament elections and that trilogues start before Christmas.

## **9. CDR developments**

AK gives an update on EU carbon removals certification framework. The European Parliament plenary vote is scheduled for October. Technical work will take place on methodologies. The next expert group is scheduled on 25 and 26 October and will look into certification. AK takes questions from participants. The EC plans to develop EU-specific methodologies. Chair reminds that the next expert group meeting can be watched online by anyone interested.

## **10. Preparing for the Industrial Carbon Management Strategy**

JF reminded that ongoing work is ongoing in the four WGs. Two reports on transport and CO2 specifications will be published soon (now available [here](#) and [here](#)). DG ENER will organise a workshop to present the feedback on the Industrial Carbon Management Strategy call for evidence. The workshop is to be held October 6.

JF also reminded that the CCUS Forum in Aalborg will take place on 27-28 November. A link to register will be available soon. DG ENER aims to present the strategy ahead of the CCUS Forum

## 11. Actions, closing remarks and next meeting

Chair thanks all for participating and notes the next AC/Plenary meeting dates for 2023: ZEP AC76 and IWG9 Plenary on 13 September, with a following meeting on 13 December.

1	Joëlle Rekers	Dutch Ministry of Economic Affairs and Climate Policy
2	William Christensen	Norwegian Ministry of Petroleum and Energy
3	Eve Tamme	Zero Emissions Platform
4	Jonas Helseth	Bellona
5	Nils Røkke	SINTEF
6	Lamberto Eldering	Equinor
7	Stijn Santen	EBN
8	Joop Hazenberg	Zero Emissions Platform
9	Ruth Herbert	Carbon Capture and Storage Association
10	Eirik Lønning	European Commission
11	Johanna Fiksdahl	European Commission
12	Pauline Bourguignon	Total Energies
13	Codie Rossi	Clean Air Task Force
14	Caterina de Matteis	IOGP
15	Shirley Oliveira	bp
16	Marine Valdois	ExxonMobil
17	Ayan Bhattacharji	Interconnector
18	Sytze Ferwerda	Porthos
19	Al Tucker	Shell
20	Chris Sherwood	Negative Emissions Platform
21	Rodolphe Nicolle	European Lime Association
22	Michalis Agraniotis	Mitsubishi Heavy Industries
23	Anders Melhaus	Alter Infra
24	Luc Haustermans	Yara International
25	Isabella Ermili	Yara International
26	Luc Warren	Shell
27	Ross Brown	Shell
28	Sabina Potestio	Fluxys
29	Joep Sweyen	EBN
30	Steve Martin	
31	Cosimo Mati	BWC Global
32	Chris Bolesta	European Commission
33	Elisabeth Harding	Net Zero Emissions Platform
34	Virgilijus Petuska	Minoil

35	Anne van Boven, Shell	Shell
36	Tobias Eriksson, Ragn-Sells	Ragn-Sells
37	Alex Blades	DESNZ
38	Anaïs Faucher	Eurogas
39	Arash Hedayat	Repsol
40	Aslak Hellestø	Northern Lights
41	Ceri Vincent	CO2GeoNet
42	Constantin Sava	SNH Capital Partners
43	Delara Khodadad	BWC Global
44	Morten Olsen	Danish Energy Ministry
45	Jasmin Sharzad	Danish Ministry Climate Change and Utilities
46	Eric De Coninck	ArcelorMittal
47	Eric Ingels	PALL Corporation
48	Gressé	
49	Hanife Tuzcuoglu	Tubitak
50	Hanne Siikavirta	Finland Ministry for Environment
51	Jadwiga Krason	Orlen
52	Jan Kjarstad	Chalmers University of Technology
53	Jonathan Vouillamoz	Swiss Federal Office of Energy
54	Julia Mühleiß	E.ON
55	Keith Hester	ENI
56	Klaus Mayer	Bosch
57	Konstantinos Andreou	ECOLOG
58	Kristin Jordal	SINTEF
59	Lina Nagell	Bellona Europe
60	Lorenzo Manca	
61	Marie Bysveen	SINTEF
62	Marine Plassier	France Ministry for Ecological Transition
63	Patricia Marcos	Tecnidas Reunidas
64	Peter Boos	Heidelberg Materials
65	Reinier van Noort	IFE
66	Roberto Ferrario	ENI
67	Ruth Gebremedhin	GCCSI
68	Sandra Matk	German Federal Ministry for Economic Affairs and Climate Action
69	Sebastian Busch	IN4climate.NRW
70	Sina Blix Prestmo	NTNU
71	Sofie Cuypers	Port of Antwerp Bruges

72	Charles Soothil	Sulzer
73	Stefan Gielis	Air Liquide
74	Ståle Aakenes	Gassnova
75	Suzanne Hurter	TNO
76	Thomas Le Guenan	BRGM
77	Valeria Di Francesco	ENI
78	Vendula Jirouskova	European Commission
79	Vicente Cortés Galeano	AICIA/University of Sevilla
80	Ward Goldthorpe	Sustainable Decisions
81	Wim de Jong	Twence
82	Yagmur Aslan	Turkey Ministry of Energy and Natural Resources – Department of Energy Efficiency and Environment
83	Carol Paquier	France Ministry of Ecological Transition
84	Maria Jose Lopez	
85	Maria Velkova	European Commission
86	Sophie Wilmet	Cefic
87	Fedora Quattrocchi	University of Rome
88	Jennifer Diggins	8 Rivers
89	Mathilde Blanchard	GCCSI
90	Sebastien Fischer	BMWK
91	Svante Söderholm	Swedish Energy Agency
92	Winston Beck	Heidelberg Materials
93	Andrea Klaric	European Commission
94	David Warne	
95	Helen Bray	puro.earth
96	Rolan Span	Ruhr Universität Bochum
97	Scot Bryson	Orbital
98	Charles-Albert Bareth	Zero Emissions Platform
99	Ana Faria	
100	Kristin Heidebroek	Zero Emissions Platform