

Puro Standard OUTPUT AUDIT STATEMENT

Statement No: DNV-2024-ASR-C738877 Issuance date: 29.11.2024

Statement validity: 5 years 29.11.2024 - 28.11.2029

DNV Business Assurance Finland Oy Ab has verified, in accordance with Puro Standard General Rules (Version 4.0 published 9.2.2024), the CO₂ removal achieved by the organization:

Climeworks AG



The result of the facility and output audit is reported in the document entitled "PURO OUTPUT AUDIT REPORT" dated 26.9.2024 detailing the activities carried out at the following sites:

Mammoth (Suðurvellir 1, 816 Ölfus), operated by Climeworks (project applicant), inclusive of the storage infrastructure operation subcontracted from Carbfix hf.

Facility ID: 417791

VERIFICATION OPINION

Based on the verification process, DNV states that the organization was found to have defined and maintained procedures relevant for production of CO₂ removal method: Geologically Stored Carbon Edition 2024, V2. Based on this statement the Organization is found compliant with Puro Standard requirements.

Verification opinion: POSITIVE

OUTPUT AUDIT

Audited Output production period: 1.6.2024 - 31.10.2024

Reports and data files for the quantification of CO₂ removal have been produced and updated in a reliable way to assess the CO₂ removal achieved by Geologically Stored Carbon with Direct Air capture.

Detailed removals

CO₂ captured (C captured): 196.549 tn CO₂eq.

Natural CO₂ (C_Natural): 5.292 tn CO₂eq.

CO₂ stored (C stored): 191.257 tn CO₂eq.

CO₂ reversal (E loss¹): 0.503 tn CO₂eq.

Project Emissions (E project): 113.264 tn CO2eq.

CO₂ removal eligible for CORCs: 77.49 tn CO₂eq.

¹ See Mammoth output report Climeworks GSC Jul-Nov24 for further explanation.



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CORC Uncertainty: 11.57 tn CO2eq.

Verification Objective

The objective of this verification is to assess compliance to the below reported verification criteria. The verification results are reported in the document entitled "PURO OUTPUT AUDIT REPORT" dated 29.11.2024 relative to Climeworks AG.

Verification Scope

Scope of verification

• Output for the period of 1.6.2024 – 31.10.2024 for CO₂ removal method: Geologically stored Carbon with Direct Air Capture

Verified areas

• Production output of Geologically Stored Carbon for the period of 1.6.2024 – 31.10.2024

Level of Assurance

The verification was conducted by DNV with a reasonable level of assurance. An audit is based on verification of a sample of available information. Consequently, there is an element of uncertainty reflected in the audit findings. An absence of nonconformities does not mean that they do not exist in audited and/or other areas. Prior to awarding or renewing certification this report is also subject to an independent DNV internal review which may affect the report content and conclusions.

Verification Criteria

Puro Standard General Rules (Version 4.0 published 9.2.2024)

Puro Geologically Stored Carbon Methodology Edition 2024, V2

DNV Business Assurance Finland Oy Ab

X	

Auditor



Reviewer

Title: Public CORC Summary
Purgose: Final numbers of CORCs to be issued for given period, alongside breakdown of calculation, overall uncertainty, and public clarification remarks.
Sworturet: The structure of this sheet is linked and imposed by Puro. All data reported here shall be fetched from the sheet CORC Summary with Uncertainty,
Swaring: The contents of this sheet are meant to be public available in the Puro registry. The information provided here must reflect the audited reporting period and result in the same final numbers as audited.



Space below can be used to provide further contextual information and data sources, as relevant via the Footnote table Instructions: in any affect bales above, in the column "Source" (Canfication Footnote" Imat one as reveal footnotes ID (e.g. A. B, C, D. ...). In the table below, provide the footnote ID and text explanation as needed This information will be added to the public disclosm. Calif footnote (Canfication Footnote Footnotes ID) (e.g. A. B, C, D. ...). In the table below, provide the footnotes ID and text explanation as needed This information will be added to the public disclosm. Calif footnotic (Canfication Footnotes ID) (e.g. A. B, C, D. ...). In the table below, provide the footnote ID and text explanation as needed This information will be added to the public disclosm. Calif footnotic (Canfication Performed Prince).

FootnoteTableStart«			
Footnote ID	Торіс	Public clarification	
А	C_injected	The mass of 0.02 injected into the geological storages revenue in each well is determined from the volumetric flow and DC content of the injected 0.02 -they dave are resem.	
В	C_Natrual	Water used for the DLG and injections processes is sourced from local water networks. These waters contain natural DIC which's origin is varied and difficult to determine. As a result, this DIC is conservatively deducated from C. Inicitad.	
с	E_released	No release events	
D	E_capture	Operational emissions associated with transport (electricity) and storage(electricity) are included in E_capture. Since all facilities are located at the same site and powerd by the capture main supply.	
E	E_ECO	E ECO was assessed during the design phase and as part of an EIA for the Mammoth project. This assessment determined that nearby land and ecoaystems would not be negatively affected, meaning this leakage is mitigated and EECO=0	
F	E_MA	Market leakage for project Mammoth is deemed 0 in line with evaluation of potential leakage sources	
G	E_reversal	All reversals were a result of intentional pumping of water from the reservoir monitoring well.	

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