Preliminary Assessment Public Summary

This *Preliminary Assessment Public Summary*, prepared by Puro.earth, contains general information about the CO_2 Removal Supplier and its project, as evaluated at the time of the Preliminary Assessment. It also includes a *Non-Technical Project Summary* and a *Criteria Assessment Report* detailing: i) key criteria assessed and their associated outcomes, ii) Puro's comments, and iii) evidences provided by the CO2 Removal Supplier.
The *Preliminary Assessment Public Summary* serves as a transparent communication tool, enabling potential investors, buyers, and stakeholders to quickly understand the supplier's carbon removal capabilities and assessment status.
The supplier has also received an extended *Preliminary Assessment Report*. This confidential document offers in-depth insights, including specific remarks and actionable recommendations to guide the supplier's progression through the certification journey.

1. Supplier and Project Information

CO_2 Removal Supplier*	
Company name	Carbon Centric A/S
Company address	Kalnesveien 5 – 1712 Grålum – Norway
Business ID	927461137
KYC status	Completed (August 15, 2025)
CO_2 Removal Project*	
Methodology	**Geological Carbon Storage, Edition 2024**
Production Facility name	BECCS Kirkenær
Facility registration date	September 10, 2025
Production Facility ID	553147
Production Facility location	Energivegen 66 – 2260 Kirkenær – Norway
Host Country of removal	Norway
Has this facility been registered in another registry?	☒No ☐Yes, additional information:
Preliminary Assessment Details	
Date of assessment	January 20, 2026
Status of assessment	Final
Conclusion of assessment	Passed

*The definition of CO_2 Removal Supplier and Production Facility can be found in the Puro Standard.

2. Non-Technical Project Summary**

At the existing Solør Bioenergi CHP facility, Carbon Centric will establish a carbon capture plant. The plant will treat flue gas from the site's largest boiler, capturing approximately 32,000 tonnes of biogenic CO_2 per year from biomass incineration, thus reducing the amount of CO_2 released into the atmosphere. The CO_2 will be processed using amine technology and conditioned to meet required purity specifications. It will then be prepared for transport and delivered to an operator for permanent geological storage. The project will deliver durable carbon removals that are quantifiable and independently verified. By assuming technological and financial risks and providing essential resources, Carbon Centric enables the implementation of carbon capture while allowing the incinerator to focus on its core business.

**Added by the Supplier. Between 150-200 words.

3. Criteria Assessment Report

Reminder: Criteria/Sub-criteria assess either the *technical eligibility* of the facility or its *maturity and quality*, determining whether the facility qualifies for CO_2 Removal Certificates (CORCs) and evaluating its development stage and operational quality. There are three types of sub-criteria:

- **Required to be Passed**: These core criteria are crucial for determining the Supplier's facility eligibility as they may be otherwise impossible or costly to change at a later stage. For example, if the supplier is at a such an early stage of development that the *capture technology is not yet identified*, the PA won't be able to provide useful insights regarding the facility's eligibility.

- **Required to be Assessed**: These criteria are important for evaluation, but they do not necessarily determine whether the facility will pass or fail at this stage. Suppliers may be at different stages of development, and some criteria (e.g., demonstrating the necessary permits) may not yet be fully met. In such cases, disclosing the status of permit acquisition is sufficient.

- **Not Required**: These criteria are optional and do not impact the facility's eligibility for listing at this stage. They may provide additional context or information about the facility's maturity but are not essential for passing the preliminary evaluation.

For a facility to be considered eligible for listing, all the sub-criteria that condition eligibility must be met (i.e. passed or assessed), as specified in Table 1. **If any of these critical sub-criteria are not met, the facility will not be eligible for listing in its current development stage.**

Disclaimer: The assessment has been made against the criteria in the current version of the methodology. Puro.earth relied on the CO_2 Removal Supplier for the correctness of the provided information during the time of the PA and will make no representation as to the accuracy or completeness of this report. The CO_2 Removal Supplier must undergo a third-party audit before issuing CO_2 Removal Credits (CORCs). **Passing the PA does not guarantee a success in the third-party audit.**

Table 1. Criteria and sub-criteria assessment by Puro based on the documents submitted in the Audit Package.

ID	Criteria / Sub-Criteria	Outcome	Comment	Evidence Received	Required to be Listed	Purpose of Criteria
C1	**Planned CO_2 capture technology is technically sound**	**Passed**				
C1.1	*Captured CO_2 stream contains eligible CO_2 (atmospheric or from eligible biomass sources). If the captured CO_2 stream also contains non-eligible CO_2,*	Passed	• The CO_2 source is biogenic, originating from the combustion of treated waste wood at the existing Solør Bioenergi waste-to-energy (WtE) CHP facility. This source is eligible under Puro's GSC Methodology – Edition 2024.	Puro Project Description BECCS Kirkenær Carbon Centric.pdf; Capture site description BECCS Kirkenær.xlsx; CO_2 stream	Required to be passed	Technical eligibility

	the fraction of the non-eligible CO2 can be determined or is already known		• A small fraction of the flue-gas CO_2 is expected to be fossil-derived, reflecting paint and other impurity content in the feedstock. This fraction will be determined via radiocarbon (C14 dating) and deducted from CORCs quantification.	characterisation BECCS Kirkenær.pdf		
c1.2	*Captured CO2 stream consists overwhelmingly of carbon dioxide (i.e. > 95%)*	Passed	• Captured CO_2 stream will consist mostly of CO_2, as the amine-based absorption effectively separates CO_2 from other flue gas constituents. Subsequent dehydration, purification, compression, and liquefaction of the captured CO2 stream will remove remaining impurities, further increasing CO_2 purity. • The Supplier plans to verify CO_2 purity regularly via on-site measurements, most likely using FTIR-analyser or similar, ensuring it exceeds 95%. Current expectations indicate purity of >99,9%, in accordance with requirements set by the storage provider.	Puro Project Description BECCS Kirkenær Carbon Centric.pdf; CO2 stream characterisation BECCS Kirkenær.pdf	Required to be passed	Technical eligibility
c1.3	*One or more options of capture technology have been identified*	Passed	• The capture technology selected is amine-based absorption and desorption, in which solvents separate CO_2 from the flue gas generated by waste wood incineration at the existing Solør Bioenergi facility. • The captured CO2 stream will be then dehydrated, purified/filtered, compressed, and liquefied, while the regenerated solvents are recycled back into the amine-based absorption process.	Puro Project Description BECCS Kirkenær Carbon Centric.pdf; CO2 stream characterisation BECCS Kirkenær.pdf	Required to be passed	Technical eligibility
c1.4	*Annual CO2 capture capacity has been evaluated*	Assessed	Annual CO_2 capture capacity is expected to be 32,000 tonnes of CO_2/yr.	Puro Project Description BECCS Kirkenær Carbon Centric.pdf; Capture site description BECCS Kirkenær.xlsx	Required to be assessed	Maturity & Quality
c1.5	*Capture technology design has been decided, contracted, or purchased*	Assessed	No contract has been signed yet; however the Supplier is in dialogue with several engineering, procurement and construction (EPC) providers, aiming to secure binding agreements prior to investment decision (FID) in 2026.	Puro Project Description BECCS Kirkenær Carbon Centric.pdf; Capture site description BECCS Kirkenær.xlsx	Required to be assessed	Maturity & Quality
c1.6	*Capture technology is vetted, regarding technical performance*	Assessed	The selected amine-based CO_2 capture system is a well-established industrial technology and is commercially available today. As the specific capture equipment has not yet been selected, exact technical performance parameters have not been confirmed. Nevertheless, the system is expected to capture approximately 4 tonnes of CO_2 per hour, corresponding to around 50% of the total CO_2 emissions from the Solør Bioenergi facility. The capture process is primarily driven by steam produced by the CHP unit, with overall energy demand reduced through the use of waste heat from district heating.	Puro Project Description BECCS Kirkenær Carbon Centric.pdf; Capture site description BECCS Kirkenær.xlsx	Required to be assessed	Maturity & Quality

c1.7	*Legal documentation of the capture site(s) has been planned or obtained*	Assessed	The Solør Bioenergi CHP plant is already operational; however, retrofitting the facility to enable CO_2 capture will require additional permits: an environmental permit to operate, an industrial wastewater discharge permit; and building approvals, including the building permit, start-up permit, geotechnical survey, excavation notice, and related documentation. The Supplier has experience with the permitting process, and the required permits are currently being pursued through ongoing dialogue with the Norwegian Environmental Agency.	Puro Project Description BECCS Kirkenær Carbon Centric.pdf; Legal documentation capture site BECCS Kirkenær.pdf	Required to be assessed	Maturity & Quality
c2	**For biogenic CO2: Planned biomass source(s) is(are) eligible**	**Passed**				
c2.1	*Biomass feedstock has been categorised (i.e. origin and type) in accordance with the latest version of the Puro Biomass Sourcing Criteria*	Passed	The biomass feedstock processed at the Solør Bioenergi plant consists of end-of-life wood materials (i.e., treated demolition wood), sourced from Norway. This biomass falls under Category C and is therefore eligible for CORC issuance.	Puro Project Description BECCS Kirkenær Carbon Centric.pdf; Biomass Types and Origins List – GSC.xlsx	Required to be passed	Technical eligibility
c2.2	*Biomass feedstock sustainability and traceability can be demonstrated to the level required by the Puro Biomass Sourcing Criteria*	Assessed	The Supplier has demonstrated its capability to comply with Puro's Biomass Sourcing Criteria. **Sustainability:** The Solør Bioenergi plant is authorised by the Norwegian Ministry of the Environment to receive and handle hazardous waste. Permits granted under the Pollution Control and Waste Act have been submitted as supporting evidence and specify the authorised waste categories and permitted handling volumes. **Traceability:** A comprehensive data recording system is in place, documenting delivery dates, quantities, waste IDs, material grades, transportation methods and providers, as well as the origin of the feedstock.	Biomass Types and Origins List – GSC.xlsx; Feedstock Kirkenær Carbon Centric.pdf; Permit - Solør Bioenergi.pdf; Waste_Specifications_English.xlsx	Required to be assessed	Technical eligibility
c2.3	*Ecological leakage relating to the use of biomass feedstock is minimal*	Assessed	The biomass feedstocks are classified as post-consumer waste streams (i.e., Category C). This leakage source is considered irrelevant for the biomass feedstocks described.	Biomass Types and Origins List – GSC.xlsx; Feedstock Kirkenær Carbon Centric.pdf	Required to be assessed	Technical eligibility
c2.4	*Market and activity shifting leakage relating to the use of biomass feedstock is minimal or addressed*	Assessed	The biomass feedstocks are classified as post-consumer waste streams (i.e., Category C). This leakage source is considered irrelevant for the biomass feedstocks described.	Biomass Types and Origins List – GSC.xlsx; Feedstock Kirkenær Carbon Centric.pdf	Required to be assessed	Maturity & Quality
c2.5	*Sourcing of biomass is secured (e.g. letters of intent, contracts)*	Assessed	The Solør Bioenergi plant has been in operation since 1986; the same biomass feedstock is expected to continue to be used following the retrofit. However, no letters of intent or contracts were provided to formally demonstrate that biomass sourcing is secured.	Biomass Types and Origins List – GSC.xlsx; Biomass Types and Origins List – GSC.xlsx; Feedstock Kirkenær Carbon Centric.pdf	Not required	Maturity & Quality
c3	**Planned CO2 logistics (processing, transport, intermediary storage) are technically sound**	**Passed**				

c3.1	*Full logistics chain (processing, transport, and intermediary storage) has been identified*	Passed	The Supplier has identified three different options, and will choose one of them before making an FID. These options involve different combinations of CO_2 transport by road (and/or rail), ship, and pipeline, depending on the chosen storage site operator. In all cases, transport and intermediary storage will be either operated by independent third-parties or by the storage operator itself.	Puro Project Description BECCS Kirkenær Carbon Centric.pdf; Transport and storage alternatives Carbon Centric.pdf	Required to be passed	Technical eligibility
c3.2	*Properties of the CO2 stream to be transported are compatible with the logistics chain*	Assessed	The logistics chain specifications have not yet been finalized. However, CO_2 captured through the amine-based absorption/desorption process will undergo subsequent dehydration, purification, and compression after separation from the flue gas, increasing its purity to an expected level above 98%. The resulting CO_2 stream is therefore anticipated to meet all requirements for transport, injection, and storage.	Puro Project Description BECCS Kirkenær Carbon Centric.pdf; Transport and storage alternatives Carbon Centric.pdf; CO2 stream characterisation BECCS Kirkenær.pdf	Required to be assessed	Maturity & Quality
c3.3	*Legal documentation of the logistics chain has been planned or obtained*	Assessed	The Supplier plans to transport CO_2 by road (and potentially in combination with rail). Under the applicable regulatory framework, legal requirements apply primarily to the transport equipment and the qualifications of the driver, rather than to the transport company itself. Accordingly, no specific CO_2 transport license or permit is reported to be required.	Puro Project Description BECCS Kirkenær Carbon Centric.pdf; Transport and storage alternatives Carbon Centric.pdf	Required to be assessed	Maturity & Quality
c3.4	*CO2 transport logistics is secured (e.g. letters of intent, contracts)*	Assessed	No binding agreement has been signed yet, but the Supplier has a Memorandum of Understanding (MoU) with one particular company and is in dialogue with several others. This particular transport company is a well-established and reputable gas transporter in Norway and is certified for road freight transport, meeting ISO standards for quality management, environmental management, occupational health and safety, and road traffic safety.	Puro Project Description BECCS Kirkenær Carbon Centric.pdf; Transport and storage alternatives Carbon Centric.pdf	Not required	Maturity & Quality
c4	**Planned CO2 storage site(s) is(are) eligible**	**Passed**	**Although additional information, including the identification of specific storage sites, was provided to Puro.earth, the Supplier does not wish to disclose the names or details of these partners at this stage.**			
c4.1	*One or more options for eligible CO2 storage sites have been identified and are meant solely for permanent storage (no enhanced hydrocarbon recovery)*	Passed	Storage sites have been identified and are under consideration.	Audit Package; Depleted reservoir without EHR and controlled pressure.pdf	Required to be passed	Technical eligibility
c4.2	*Robust legal framework of the storage site jurisdiction(s) has(have) been demonstrated*	Assessed	The identified storage sites are located in the North Sea and fall within jurisdictions with robust legal frameworks for environmentally safe geological storage of carbon dioxide.	Audit Package; Puro's Geologically Stored CO2 Methodology – Edition 2024	Required to be assessed	Technical eligibility
c4.3	*Relevant permits for the injection and storage of geological CO2 have been planned or obtained*	Assessed	Relevant permits will be obtained by the operators of the identified storage sites.	Audit Package; Legal Documentation of the Storage Site.pdf	Required to be assessed	Maturity & Quality

c4.4	*Experimental/Computational procedures to characterize the storage site(s) have been identified, in progress, or completed*	Assessed	Both storage alternatives have been characterised, approved for CO_2 injection, and have received necessary permits from relevant authorities.	Audit Package	Required to be assessed	Maturity & Quality
c4.5	*Storage site for CO_2 is secured (e.g. letters of intent, contracts)*	Assessed	No formal agreement has been signed yet. For one storage site Carbon Centric has an MOU in place, and for the other the contract is under review.	Audit Package; Puro Project Description BECCS Kirkenær Carbon Centric.pdf	Not required	Maturity & Quality
c5	**Additionality is demonstrated**	**Passed**				
c5.1	*Carbon additionality to the baseline*	Passed	The Solør Bioenergi plant uses treated waste wood, a regulated waste stream that must be processed in licensed incineration facilities. Without the project, no CO_2 removals would occur, as biogenic CO_2 from the combustion of this waste wood would continue to be released directly to the atmosphere.	Puro Project Description BECCS Kirkenær Carbon Centric.pdf; Production Facility and Baseline Scenario BECCS Kirkenær.xlsx	Required to be passed	Technical eligibility
c5.2	*Financial additionality*	Passed	Carbon removal credit revenues are needed to cover the high capital and operating costs of CO_2 capture, transport, and storage; without them, the project's internal rate of return would be insufficient to attract investment. While limited biogenic CO_2 offtake for utilization are also envisaged, the Supplier declared that this revenue alone would not ensure project viability and is not the preferred option.	Puro Project Description BECCS Kirkenær Carbon Centric.pdf; Additionality assessment BECCS Kirkenær.xlsx; Kirkenær Investment Analysis BECCS Kirkenær.xlsx	Required to be passed	Technical eligibility
c5.3	*Regulatory additionality*	Passed	The carbon removal activity is not mandated or required by Norwegian laws, regulations, or other binding obligations.	Puro Project Description BECCS Kirkenær Carbon Centric.pdf; Additionality assessment BECCS Kirkenær.xlsx	Required to be passed	Technical eligibility
c6	**Environmental and social safeguards**	**Passed**				
Ec6.1	*Stakeholder consultations have been planned or conducted*	Assessed	**Capture:** Stakeholders include nearby industrial operators, the landowner (Solør Bioenergi), Grue Municipality, Innlandet County, and the Norwegian Environment Agency. No vulnerable or marginalized groups have been identified. Planned consultations will inform project design and operations, potentially affecting traffic management, landscaping, emissions monitoring, and transparency measures. Ongoing engagement will include annual updates, environmental reports, regular briefings with key stakeholders, a public contact channel, and a formal grievance mechanism. **Logistics:** The supplier is in discussions with a well-established Norwegian transport company with strict environmental and safety standards. Stakeholder consultations are assumed to have been conducted; additional evidence will be provided once the contract is finalized/for the audit.	Stakeholder Engagement Report BECCS Kirkenær.pdf	Required to be assessed	Maturity & Quality

			Storage: No stakeholder consultations have yet been formally documented for the identified storage sites. Additional evidence will be provided for the audit.			
c6.2	*Applicable regulations for the geological storage activity have been identified*	Assessed	Relevant regulation frameworks have been identified. **Capture:** The capture site will operate within an established industrial area and comply with Norwegian environmental and industrial legislation, including the Pollution Control Act, the Working Environment Act, and applicable wastewater and zoning regulations. The project also follows national and international standards, including the UN Guiding Principles on Business and Human Rights and the Norwegian Equality and Anti-Discrimination Act, ensuring fair and non-discriminatory working conditions. **Logistics:** No transport-specific regulations have yet been formally documented. Dialogue is ongoing witha well-established Norwegian transport operator, is expected to have identified and comply with all applicable environmental and safety requirements. Additional information will be provided once the contract is finalized/for the audit. **Storage:** The identified storage sites are explicated to have identified applicable regulations.	Environmental and Social Safeguards BECCS Kirkenær.pdf	Required to be assessed	Maturity & Quality
c6.3	*Environmental and social permits, assessments, and other **statutory** documentation have been identified, planned, or obtained*	Assessed	Relevant environmental, social, and operational permits have been identified and are currently being prepared. **Capture:** As part of the ongoing permitting process under the Norwegian Pollution Control Act, an IEA has been initiated to evaluate air quality, noise, soil, and water impacts at the capture site. **Logistics:** Compliance records are expected to be provided by the transport operator once the contract is finalized/for the audit. **Storage:** For the identified storage sites, EIAs have been completed and approved by the relevant authorities, and permitting procedures are ongoing.	Environmental and Social Safeguards BECCS Kirkenær.pdf; Environmental Impact Assessment BECCS Kirkenær.pdf; Proposed study program for carbon capture in Kirkenær – summary.pdf	Required to be assessed	Maturity & Quality
c6.4	*Environmental and social safeguards assessment has been planned, drafted, or conducted*	Assessed	**Capture:** An EIA has been initiated to evaluate air quality, noise, soil, and water impacts at the capture site. The capture site is located within an industrial zone, with no expected impacts on natural habitats, protected areas, or nearby communities. During the earlier development of the industrial area, assessments were conducted covering biodiversity, the natural environment, water resources, cultural heritage, outdoor recreation, and landscape. **Logistics:** No formal EIA has been conducted, as only a minor increase in traffic to and from the site is expected. This increase is considered negligible in terms of overall traffic and environmental	Environmental and Social Safeguards BECCS Kirkenær.pdf; Pestel, stakeholder - and SWOT – analysis.pdf; Forslag til utredningsprogram - Karbonfangstanlegg Solør Bioenergi i Kirkenær.pdf	Required to be assessed	Maturity & Quality

			impact. More evidence is expected to be provided by the transport operator once the contract is finalized/for the audit. **Storage**: EIAs have been completed for the identified storage sites.			
c6.5	*Risk assessment has been planned, drafted, or conducted*	Assessed	**Capture:** A comprehensive risk assessment has been conducted for another facility managed by Carbon Centric. It identifies project-relevant activities and hazards, characterizes associated risks, their potential causes and consequences, and assesses risk severity. A similar risk assessment will be prepared for the CO_2 capture site in this project. **Logistics:** No risk assessment has yet been submitted; additional information is expected to be provided by the transport operator once the contract is finalized/for the audit. **Storage:** Risk assessments have been conducted as part of the EIAs for the storage sites.	Environmental Risk Assessment - Carbon Centric.pdf	Required to be assessed	Maturity & Quality
c7	**Facility has monitoring, reporting, and LCA capabilities or tangible plans for it**	**Passed**				
c7.1	*A monitoring plan has been drafted*	Passed	The Supplier has drafted a monitoring plan covering the full project scope, from CO_2 capture to storage. Transport and storage operators will maintain independent monitoring systems, while the Supplier will operate a centralized system integrating dMRV. The plan specifies key parameters, measurement methods, frequency, and QA/QC procedures to quantify captured and stored carbon and emissions across all storage stages. Uncertainty is addressed through quantified errors, conservative treatment of significant uncertainties, and propagation via variance analysis or Monte Carlo simulations. Reversal detection is included, performed by the storage operator, and reported through the dMRV system. Environmental and social safeguards at the capture site (e.g., noise, air, water) are also incorporated. Further refinement will be needed to fully capture carbon flows, supply-chain emissions, and safeguard performance once transport and storage operators are formally selected. A separate storage site monitoring plan, covering reversals, uncertainty, and environmental and social safeguards, is provided (see Criteria 7.2).	Monitoring Plan Carbon Centric.pdf; Data Systems Carbon Centric.pdf; Datapoints.xlsx; Uncertainty Quantification Approach.pdf; Data systems Appendix - Additional Screenshots.pdf	Required to be passed	Maturity & Quality
c7.2	*A monitoring plan specific to the storage site(s) has been drafted*	Assessed	The Supplier has drafted a storage site–specific monitoring plan. The storage operator will conduct well integrity inspections, monthly surface leak checks using CO_2 detectors, injection monitoring (wellhead metering and composition), and reservoir monitoring	Storage Site Monitoring Plan Carbon Centric.pdf	Required to be assessed	Maturity & Quality

			(downhole pressure/temperature, passive seismic, and periodic time-lapse 3D seismic). Anomalies will trigger additional monitoring and corrective actions, with isolation valves enabling rapid containment. Post-injection seismic campaigns will verify modeled reservoir behaviour before site closure and transfer of responsibility to the state. The Supplier will receive, retain, and report all operator data via the dMRV system.			
c7.3	*An LCA model specific to the facility's operation is prepared in line with the monitoring plan*	Assessed	Preliminary LCAs have been conducted by Accend A/S, the Supplier's LCA partner for both storage site options. Project emissions include energy and materials for CO_2 capture, road transport using biogas trucks, and injection and storage operations. No ecological or market-related leakage have been assumed. The project will use post-consumer waste wood, excess heat from the existing energy system, and primarily renewable grid electricity. Storage reversal is assumed zero, based on reservoir expectations. The LCAs will be further refined to meet Methodology requirements—the Solør Bioenergi WtE facility must be included with the scope, for instance—, and will be linked to the monitoring plans once finalized.	Scenario LCA BECCS Kirkenær.pdf	Not required	Maturity & Quality
c8	**Leakage sources (excluding those from the use of biomass feedstock) are determined**	**Passed**				
c8.1	*Leakage sources are identifiable, have been identified, and/or characterised*	Passed	Leakage sources relevant to the facility have been identified and characterized. This includes: • Ecological leakage impacts relating to negative effects on the nearby land and ecosystems surrounding the areas where facilities are built or extended, either via land drainage or land cover change due to the construction of the capture and storage sites. • Market and activity shifting leakage related to reduced electricity output due to the retrofitting of the waste-to-energy plant.	Leakage Determination Carbon Centric.xlsx; Environmental Impact Assessment BECCS Kirkenær.pdf	Required to be passed	Technical eligibility/ Maturity & Quality
c8.2	*Procedures to assess mitigated leakage sources have been identified, planned or applied*	Assessed	Mitigation strategies have been implemented or are planned for all identified leakage risks: • For ecological leakage at the capture site, an EIA is under preparation to evaluate project impacts. This is an accepted and appropriate method to demonstrate the absence of negative environmental effects. • For ecological leakage at the identified storage sites, EIAs for site construction have already been completed and approved by the relevant authorities. These approvals confirm that adequate mitigation measures are in place and that nearby ecosystems will not be adversely affected by the project.	Leakage Determination Carbon Centric.xlsx; Environmental Impact Assessment BECCS Kirkenær.pdf; Electricity sourcing evidence.pdf; Mass and energy balance_Kirkenær.pdf	Required to be assessed	Technical eligibility/ Maturity & Quality

			• For market and activity-shifting leakage related to reduced electricity output, Norway's electricity system is overwhelmingly renewable (i.e., >90%). Under Rule 6.2.6(c), this allows this leakage source to be deemed mitigated.			
c8.3	*Procedures to quantify non-mitigated leakage sources have been identified, planned or applied*	Assessed	Ecological leakage at the capture site is currently unmitigated, as the EIA has not yet been completed. Should the EIA identify negative impacts, these would need to be quantified. However, the Supplier is in dialogue with the Norwegian Environment Agency, and has indicated that a proposal defining the assessment scope has been submitted for public consultation, and it is expected to be approved by the relevant authorities.	Leakage Determination Carbon Centric.xlsx; Environmental Impact Assessment BECCS Kirkenær.pdf	Required to be assessed	Technical eligibility/ Maturity & Quality
c9	**Facility has likely co-benefits and positive SDG impacts**	**Passed**				
c9.1	*Facility-specific co-benefits have been identified*	Assessed	The project supports technological innovation and decarbonisation by deploying carbon capture at the existing Solør Bioenergi WtE CHP facility. It also delivers positive socio-economic impacts through job retention and increased labour demand across project development, construction, and operations. In addition, the capture technology reduces residual emissions (such as fly ash, SO_x, and heavy metals), leading to improved local air quality.	Puro Project Description BECCS Kirkenær Carbon Centric.pdf; Co-benefits BECCS Kirkenær.pdf	Required to be assessed	Maturity & Quality
c9.2	*Facility-specific SDG targets or indicators have been identified*	Assessed	Carbon Centric will not be reporting on any SDGs for the Preliminary Assessment; however a more comprehensive assessment of SDGs and indicators will be completed before the Audit.	Puro Project Description BECCS Kirkenær Carbon Centric.pdf	Required to be assessed	Maturity & Quality
c9.3	*NDCs commitments, or other net-zero plans relevant to Article 6 of the Paris Agreement of the host country have been identified*	Assessed	The Supplier has assessed Norway's climate objectives. Norway's 2035 NDC explicitly accounts for additional removals from the LULUCF sector but does not specify the inclusion of engineered removals such as BECCS in the target formulation, although negative emissions (removals) are reported in Norway's inventory.	Evaluation of host country climate objectives Carbon Centric 2025.pdf	Not required	Maturity & Quality
c10	**Facility team has access to relevant knowledge and skills**	**Passed**				
c10.1	*Relating to CO_2 capture*	Assessed	The Supplier specializes in industrial carbon capture and has experience from existing projects. The planned capture site will be at the retrofitted Solør Bioenergi WtE plant, leveraging established operational knowledge.	Audit Package	Not required	Maturity & Quality
c10.2	*Relating to CO_2 logistics (transport)*	Assessed	The Supplier is in discussions with a well-established Norwegian transport operator with expertise in safe and environmentally compliant CO_2 transport.	Audit Package	Not required	Maturity & Quality

c10.3	*Relating to geological storage of CO_2*	Assessed	The Supplier is engaging with storage providers, which are well-known and established CO_2 storage initiatives, providing access to recognized storage expertise.	Audit Package	Not required	Maturity & Quality
c10.4	*Relating to monitoring and emission accounting*	Assessed	The Supplier has partnered with Accend A/S, an experienced LCA and emissions accounting provider, to ensure robust MRV capabilities.	Audit Package	Not required	Maturity & Quality