

**TECHNO-ECONOMIC ANALYSIS OF
CARBON MITIGATION TECHNOLOGIES**
CA21127

**Call for Workshop participation
at the KTH Royal Institute of
Technology,
Stockholm, Sweden
3-4 March 2026**

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Description

We are pleased to announce that a **Workshop on Methodology for Integrated CCUS System Design and Evaluation** will be held on 3–4 March 2026 at KTH Royal Institute of Technology in Stockholm, Sweden, in the framework of the COST Action TrANsMIT.

KTH Royal Institute of Technology is a leading European research university with strong expertise in energy systems, process modelling, and sustainability assessment. KTH is actively engaged in advancing Carbon Capture, Utilization, and Storage (CCUS) technologies, with a particular focus on proof-of-concept demonstration, system integration, process design and techno-economic analysis (TEA). Its research addresses the development of robust, scalable solutions for reducing industrial CO₂ emissions and enabling the production of low-carbon fuels and chemicals.

The workshop will focus on the objective to develop a comprehensive report on designing integrated CCUS systems and evaluation, combining process modelling with TEA for a representative case study.



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Aims of the Workshop

The TrANsMIT Action Workshop to be held at KTH Royal Institute of Technology in Stockholm on 3 - 4 March 2026 aims to strengthen collaborative work on integrated CCUS system design and evaluation. The workshop will build on existing TrANsMIT activities and expertise, with a particular focus on the coherent integration of process modelling and TEA.

A main objective of the workshop is the joint development of a TrANsMIT report on integrated CCUS system design and evaluation. Participants will work together to define representative CCUS system configurations covering capture, utilization, transport, and storage pathways, while aligning system boundaries, assumptions, and performance indicators across modelling and TEA. Through coordinated discussions, the workshop will assess trade-offs between technical performance, economic feasibility, and environmental impacts, and identify coherent methodological and best practices for the integrated assessment of CCUS systems relevant to industrial deployment.

The workshop also aims to improve the integration of process modelling outputs with TEA. Discussions will focus on data consistency, transfer of modelling results into economic and environmental assessments, and alignment of key assumptions such as scale, geographical scope, energy system context, and temporal perspectives.

To maximise the effectiveness of the workshop, accepted participants will take part in a series of **online preparatory meetings in February 2026**. These meetings will support early coordination, alignment of methodologies and assumptions, and preliminary structuring of contributions toward the development of the integrated CCUS system design and evaluation report. This preparatory phase will ensure focused discussions during the workshop and enable efficient progress toward a coherent and high-quality TrANsMIT report.

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Funding and Application Procedure

All interested must submit their applications not later than **20 January, 2026**. Applications should be sent via the google form available at [\[link\]](#) with a CV attached.

Applicants must be accepted by TrANsMIT COST Action members. Registration to the e-COST system can be done by following steps:

1. Login to e-COST system: <https://e-services.cost.eu/user/login>
2. Application to working groups within TrANsMIT COST Action: <https://e-services.cost.eu/action/CA21127/working-groups/applications>

A scientific committee composed of the Grant Awarding Coordinator, the Action Chair and/or Vice-Chair, Local Organizer and WG3 leadership team will evaluate all the applications and define a seriation for the attribution of the grants. According to the COST Actions rules, geographical diversity, career stage and gender balance will also be considered.

Approximately 25-30 participants will be offered a fully covered spot at the Workshop. Priority will be given for those participants who are already involved in the CCUS database development. All applicants will be notified by the end of January, 2026.

Travel reimbursement

Travel reimbursement **must follow COST Actions Travel reimbursement rules** (see Annotated Rules for COST Actions document, Annex 1). Participants **invited to a COST Action event** can estimate the amount of **daily allowance** they could receive on e-COST by accepting the invitation and start completing the **reimbursement claim**. Any booking can only be made **after accepting an invitation** to a COST Action event.

The reimbursement of incurred expenses for **accommodation, meals, short distance travel** (defined as less or equal to 100 km one way) and other incidental costs is paid as one lump-sum amount known as **daily allowance**.

Long-distance travel is any travel equal to or above 101 km one way between a main transportation hub at the point of departure and the main transportation hub at the event venue and return to a main transportation hub at the point of arrival.

Eligible participants receive daily allowance and financial support for **travel directly related to the COST activity**. Extra travel costs linked to any non-standard travel options (such as adding extra days to one's trip or deviations from the normal itinerary, whether for personal or for professional reasons), **shall not be reimbursed**.

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Stopovers longer than 24 hours are not reimbursed, and if travel costs cannot be separated, 30% of the total ticket cost will be deducted.

The incurred long-distance travel expenses are reimbursed on face-value including VAT, up to a maximum of EUR 1500, cancellation insurance included. A complete **copy of the travel booking** or ticket is required (including full price paid; name of the passenger; travel dates, departure and arrival cities, departure and arrival times, an invoice only showing the amount will not suffice).

Long distance car travel (equal to or above 101 km one way) is limited to a maximum distance of 1000 km for the entire journey from any point of departure to the event venue and return to a point of arrival. Car travel shall be reimbursed at EUR 0.35 per km based on:

- the proof of distance in km from the point of departure and the event venue. An automatic distance calculator is included in e-COST;
- parking receipt which shall clearly detail the parking date(s). If parking is paid by sms, a print screen of the sms shall be uploaded in e-COST;
- other car travel costs are not eligible for reimbursement.

Participants may claim a contribution towards the required **visa** costs to travel to the meeting venue as follows:

- visa processing fees or exit visa fees relevant to attending approved COST event(s);
- attach supporting documents:
 - receipt from the embassy issuing the visa;
 - amount paid for the visa fee;
- costs related to travel to embassy are not eligible for reimbursement.

Contacts

Grant Awarding Coordinator	Action Chair	Local Organizer
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