



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

**Call for Participation  
on Workshop  
at Tech Istanbul | Şişhane  
İstanbul, Türkiye  
17 – 18 September 2024**



**DELIVERING HARMONISED  
CCUS ASSESSMENT**

PROCESS MODELING  
TECHNO-ECONOMICS  
LIFE CYCLE ASSESSMENT

## TECHNO-ECONOMIC ANALYSIS OF CARBON MITIGATION TECHNOLOGIES CA21127

### Description

We are delighted to announce that the next TrANsMIT COST Action Workshop will be held **September 17–18, 2024**, at Tech Istanbul | Şişhane, one of the four centres operating under the Istanbul Metropolitan Municipality Department of Information Technologies that develop support mechanisms for technology-based startups.

The TrANsMIT Workshop will focus on mapping, gaps, challenges and positive/negative symbiotic impacts of CCUS and CDR systems integration into energy-intensive industries. It is intended to facilitate networking and knowledge exchange among experts via informative and participatory sessions, oral presentations, and keynote speakers during the workshop. This event will contribute to advancing goals of TrANsMIT COST Action 21127 and foster interaction between TrANsMIT members, participants/stakeholders from different sectors, including municipalities, academia, industry, students, and associations.

The TrANsMIT's COST Action budget allows us to reimburse the expenses of approximately 25 participants; therefore, we have announced a call for participation in this meeting.

### Aims of the Workshop

1. to inventory current knowledge and best practices about state-of-the-art decarbonization transformation pathways in high-energy-intensive industries
2. to map and identify challenges (or specific technical, economic and environmental competitiveness) of CCUS technologies in comparison to other selected emerging NETs/Carbon Mitigation Technologies in the high-energy-intensive industries
3. to point out gaps and challenges for open-access models or data sets for segment/whole systems process modelling and LCIA data sets of CCUS integration pathways to bridge the different needs and standards (on complexity, tools, licence, etc) of different groups of stakeholders.
4. to map/establish the essential steps/needs for developing robust and industry-specific TEALCA frameworks that can guide the effective integration of CCUS technologies into various industrial sectors beyond energy (such as standard cost database, etc.)
5. to explore potential international collaborations between the stakeholders (academia, industry, municipality, etc.) on the CCUS and NETs integration pathways through
  - a. joint MSc., PhD., post-doc projects between stakeholders
  - b. joint Research & Development & Innovation project (CET Partnerships, Horizon Europe, etc.)

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### Funding and Application Procedure

The total budget planned for the meeting allows TrANsMIT to reimburse the costs for approximately 25 participants.

Travel reimbursement must follow COST Actions Travel Reimbursement Rules (see Annotated Rules for COST Actions document, Annex 1).

Applicants must submit their Workshop Participation applications to the Grant Coordinator ([daria.katla@polsl.pl](mailto:daria.katla@polsl.pl)) no later than **23<sup>rd</sup> of August 2024**. The application should include:

- Name of the Applicant and
  - Working group(s) to which the applicant belongs and short motivation letter explaining why the applicant wants to take part in the workshop and how it can contribute to the objectives of the WG (max 1 page in total);
  - or alternatively short motivation letter explaining how applicants can contribute to the objectives of the workshops (max. 1 page in total)
- Short CV (max 1 page).

Selection of Participants will be made based on the submitted application, considering the COST principles, notably Excellence and Inclusiveness Policy. The results of the selection will be announced no later than 29<sup>th</sup> of August 2024.

### Contacts

**Grant Awarding  
Coordinator**

**Action Chair**

**Action Vice-Chair**

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