

# CETP Joint Call 2025: What's in it for Norwegian stakeholders?

30 May 2025 Aage Stangeland ast@rcn.no



**EUROPEAN PARTNERSHIP** 

## Agenda

- Brief introduction of CETP
- Presentation of the CETP Joint Call 2025
- Norwegian eligibility criteria
- Q&A



# **Practicalities**

- The meeting will be recorded, and the recording will be available for future watching
- Online data declaration: Please be aware that your name will be displayed in the list of participants as well as in the chat window.
- Slides will be available after the meeting together with the recording at the RCN website
  - <u>https://www.forskningsradet.no/utlysninger/internasjonale-</u> <u>fellesutlysninger/clean-energy-transition-partnership-cetp/</u>



# **The RCN CETP Team**



Aage Stangeland ast@rcn.no Main CETP contact point & CCUS



Ymir Kalmann Frodason <u>ykf@rcn.no</u> Hydrogen



Marianne Haavardsholm Aandahl mhaa@rcn.no Renewable energy



Chido Nnoli cnn@rcn.no Industry



Per Arne Karlsen pak@rcn.no Heating & Cooling Geothermal Energy







Andreas Bratland abr@rcn.no Buildings



# **Introducing CETP**

What A partnership of national research, development and innovation programs

## Why

CETP supports the implementation of the European Strategic Energy Technology Plan (SET Plan), with the ultimate objectives to:

- achieve a climate-neutral society by 2050
- diversify energy supplies
- strengthen clean energy value chains, making them more sustainable

### **How** Annual joint calls





33 countries23 EU member states10 associated countries

#### **50+ funding partners** Funding agencies & ministries

**Co-funded by the European Commission** 

**13 coordination units** Coordinator: BMK (Austria), SWEA (Sweden)

Annual calls for RTDI Projects Budget in the order of €100M each year for 2022 – 2027

108 ongoing projects

Call 2024: Decision on new projects - June 2025

Call 2025: Due date for pre-proposals -9<sup>th</sup> October 2025

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# The CETP Joint Call 2025

The CETP Joint Call is available on the CETP website, https://cetpartnership.eu/

The CETP Joint Call is also available via the <u>RCN website</u>





# **CETP Joint Call 2025 - schedule**

| <b>Stage 1: Opening for pre-proposal submission</b> | 11 June 2025               |
|---|----------------------------|
| Stage 1: Closing                                    | 9 October 2025, 14:00 CEST |
| Stage 2: Opening for full-proposal submission       | 9 January 2026             |
| Stage 2: Closing                                    | 12 March 2026 14:00 CET    |
| Funding decision communicated                       | June 2026                  |
| Project start (tentative)                           | September-December 2026    |



# Why apply for CETP Funding?

More than funding – CETP connects you to Europe's energy future.

- Access national and EU co-funding with a single application.
- Collaborate with top researchers and innovators across borders.
- Join a network that boosts visibility, impact, and makes a concrete difference.
- Contribute to the clean energy transition while growing your project's potential.



# **Transition Initiatives (TRIs)**

### What is a TRI?

The Transition Initiatives (TRIs) are thematic configurations of CETP funding partners in order to work together on a specific research and innovation challenges.

### The 7 TRIs

- 1. Integrated net-zero emission energy systems
- 2. Enhanced zero emission power technologies
- 3. Enabling climate neutrality with storage technologies, renewable fuels and CCU/CCS
- 4. Efficient zero emission heating and cooling solutions
- 5. Integrated regional energy systems
- 6. Integrated industrial energy systems
- 7. Integration in the built environment



# **Annual Joint Calls**

Each TRI defines the scope of one or more Call Modules. The Call Modules define the topics of each annual Joint Call.

All involved funding partners then decide which Call Modules they wish to participate in.

Applicants should be aware that **NOT** all funding partners participate in all **Call Modules**.



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## **CETP Joint Call 2025 – Call Modules**

| 01  | Multi-vector interactions between the integrated energy system and industrial frameworks |  |
|-----|--|--|
| 02  | Energy system flexibility: renewables production, storage and system integration         |  |
| 03A | Advanced renewable energy (RE) technologies for power production (ROA)                   |  |
| 03B | Advanced renewable energy (RE) technologies for power production (IOA)                   |  |
| 04  | Carbon capture, utilisation and storage (CCUS)   |  |
| 05  | Hydrogen and renewable fuels   |  |
| 06  | Heating and cooling technologies   |  |
| 07  | Integrated regional energy systems   |  |
| 08  | Integrated industrial energy systems   |  |
| 09  | Clean energy integration in the built environment  |  |
|     |  |  |

# Norwegian stakeholders can only apply for funding to Call Modules marked green



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| 08  | Integrated industrial energy systems   |
| 09  | Clean energy integration in the built environment  |

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**01** Multi-vector interactions between the integrated energy system and industrial frameworks

**02** Energy system flexibility: renewables production, storage and system integration

**03A** Advanced renewable energy (RE) technologies for power production (ROA)

- **03B** Advanced renewable energy (RE) technologies for
- **04** Carbon capture, utilisation and storage (CCUS)
- **05** Hydrogen and renewable fuels
- **06** Heating and cooling technologies
- 07 Integrated regional energy systems
- **08** Integrated industrial energy systems

Available budget for Norwegian applicants:

- NOK 40M for Call Module 4
- NOK 40M for Call Module 3A, 5, 6, 8, and 9

**09** Clean energy integration in the built environment

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## Call Module 2025-03A Advanced Renewable Energy (RE) Technologies for Power Production

This Call Module aims to advance renewable energy technologies, improving efficiency and sustainability. It targets utility-scale renewable applications including wind, solar, offshore and geothermal, along with innovative energy storage solutions and hybrid systems.

Selected projects will develop next generation technologies, improve operational performance, explore hybridization technologies to optimize the integration of renewables in the power sector.

#### Key areas include:

Improving wind, solar, offshore and geothermal technologies Advancing hybrid systems and integration with energy storage

Contact point: TRI2@cetpartnership.eu





## Call Module 2025-04 Carbon capture, utilization and storage (CCUS)

This Call Module supports the development and implementation of CCUS technologies to accelerate decarbonization and achieve climate neutrality. The focus is on reducing costs, enhancing scalability, and enabling the industrial deployment of CCUS technologies.

Selected projects will advance  $CO_2$  capture technologies for industrial sources and develop low-cost solutions for  $CO_2$  storage and transport, helping to reduce global  $CO_2$  emissions.

#### Key areas include:

Low-cost  $CO_2$  capture and utilisation  $CO_2$  storage and transport solutions

Contact point: TRI3@cetpartnership.eu



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## Call Module 2025-05 Hydrogen and Renewable Fuels

This Call Module supports the acceleration of hydrogen and renewable fuel technologies to meet EU climate goals. It focuses on clean production, distribution, storage, and enduse technologies that will help replace fossil fuels and reduce  $CO_2$  emissions.

Selected projects will develop cost-effective technologies for producing hydrogen and renewable fuels and create reliable infrastructure for their storage and transport.

#### Key areas include:

Cost-effective hydrogen and renewable fuel production

Contact point: tri3@cetpartnership.eu

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## Call Module 2025-06 Heating and Cooling Technologies

This Call Module aims to support the development of innovative heating and cooling technologies that contribute to achieving climate-neutral solutions by 2050. It focuses on improving efficiency, affordability, and ease of integration across various energy systems.

Selected projects will develop solutions for climate-neutral heating and cooling systems, and thermal storage, along with fostering advancements in heating and cooling networks to make them more cost-efficient and sustainable.

#### Key areas include:

Geothermal, cooling, and thermal storage technologies Integration of heating and cooling in energy systems

Contact point: tri4@cetpartnership.eu



## Call Module 2025-08 Integrated Industrial Energy Systems

The Call Module aims to develop and demonstrate a set of technical solutions for industrial energy systems that enable efficient carbon-neutral industrial production sites.

Selected projects will develop industrial energy systems to reduce emissions in industrial processes, enhance resource efficiency and promote circular economy solutions. Industry energy systems should work as part of the entire energy system, enhancing the flexibility needed in future.

#### Key areas include:

Circularity, resource efficiency and reducing emissions from industrial processes Renewable energy, electrification, green hydrogen, and Carbon Capture and Utilisation (CCU) for climate-neutral industries

Contact point: TRI6@cetpartnership.eu



## Call Module 2025-09 Clean Energy Integration in the Built Environment

This Call Module focuses on projects aimed at transforming the built environment into an active part in the energy system by integrating renewable energy production, storage, and energy management technologies. It emphasizes digitalization across a building's lifecycle and encourages innovative building renovation for improved energy efficiency.

Projects will develop systems that integrate renewable energy, storage, and active building elements, enhancing energy flexibility and resilience.

#### Key areas include:

Integrating renewables, energy storage, and active building elements Innovating energy management and building renovation

Contact point: <u>TRI7@cetpartnership.eu</u>



# **General steps for submitting an application**

#### Two-step procedure:

- ✓ submission of a **pre-proposal** followed by a potential invitation to submit a **full proposal**
- ✓ eligibility check according to both general and national requirements
- ✓ evaluation by three independent experts per proposal
- ✓ Evaluation criteria: Excellence, Impact, Implementation.
- ✓ Scale of marks: 0 to 5 where 5 is best
- $\checkmark\,$  Threshold: score at or above 10 and none of the criteria scoring below 3

#### Submission:



- ✓ choose <u>one</u> Call Module per proposal
- ✓ Proposals are submitted to CETP, not RCN
- ✓ Project Coordinator invites Project Partners through the CETP submission system
- ✓ Norwegian budget and Letter of Intent (LoI) must be sent to RCN



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# Key CETP eligibility criteria

- Each project proposal must include at least three eligible and independent legal entities from at least three different countries participating in the CETP Joint Call 2025, out of which at least two must be EU Member States or Horizon Europe Associated Countries
  - ✓ The Call Modules have specific requirements for TRL and industrial participation
  - ✓ Applicants must be eligible for funding according to their Funding Partner's national/regional requirements
  - ✓ Total effort of one Partner cannot exceed 60% of the total project efforts (person months)
  - ✓ Total effort of Partners from one country/region cannot exceed 75% of the total project efforts (person months)



# **Eligibility check**

Experience from previous years shows that there are always some ineligible applications

## Main reasons for ineligibility

- Norwegian applicants did not meet the Norwegian eligibility criteria
- Foreign partners did not meet the national eligibility criteria in their own country

## National eligibility criteria are part of the Call Text

- <u>National eligibility criteria for all countries</u>
- Norwegian eligibility criteria



# Matchmaking



The CETPartnership is a multilateral and strategic partnership of national and regional research, development and innovation (RDI) programmes in European Member States and Associated Countries, aiming to boost and accelerate the energy transition and to support the implementation



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# **National Norwegian requirements**



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## **Key Norwegian Eligibility Criteria**

- Maximum funding request: NOK 10M for CCUS applications and NOK 6M for other Call Modules
- Project period: **2 to 3 years**
- Norwegian applicants can ask for funding for activities at **TRL maximum 6** at the end of the project.
- Norwegian budget and Letters of Intent / Commitment (LoI/LoC) from Norwegian industrial partners must be sent on email to RCN
- Please check Frequently Asked Questions (FAQ) at the RCN website.



## **Thematic priorities**

#### Call Module 4 - CCUS

- The Norwegian activities must comply with topics listed in the <u>CLIMIT Program Plan</u>.
- Norwegian activities must lead to long-term CO<sub>2</sub> storage. Hence, CCU activities without long-term CO<sub>2</sub> storage are ineligible.

#### All other Call Modules

• The Norwegian activities must comply with priorities listed in the <u>Portfolio plan for</u> <u>Energy and transport</u> and the priorities in the <u>Energy 21 strategy</u>.

#### Call Module 3A:

- Norwegian applicants only eligible for projects within
  - Wind Energy (onshore/offshore)
  - Solar PV

#### Call Module 8:

 Projects targeting the metallurgical industry cannot be funded, because this sector is already very well covered in national R&D calls.



## **Conditions for the Norwegian team**

The Norwegian team of participants must fulfil the criteria of one of these two alternative project types:

- Knowledge building project
- Innovation project for the industrial sector



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# **Alternative 1 - Knowledge building project**

- Projects aimed at developing new knowledge and generating research competence needed by society or the business sector to address important societal challenges.
- Collaboration between research group(s) and relevant actors from outside the research sector is required. The Norwegian team must include <u>at least one</u> approved Norwegian research organisation and <u>at least two</u> relevant Norwegian companies.
- Research organisations can apply for up to 100% funding rate.
- Companies are not eligible for financial support.
- The Norwegian applicants must document (in their budget) that at least 10% of the Norwegian total costs will be used by the Norwegian industrial or end-user partners.
- Letters of Intent from all Norwegian companies are required in stage 1 (pre-proposal), and Letters of Commitment in stage 2 (full proposal). The letters must be uploaded in the CETP submission portal
- Note: Applications without required industrial participation at stage 1 will be ineligible and not evaluated for potential proceedings to stage 2





# Alternative 2 – Innovation project for the industrial sector

- Open for projects in which companies are engaged in **business-led innovation** and where research and development (R&D) is a critical part of the innovation process.
- The main Norwegian applicant must be a Norwegian company.
- Norwegian research organisation(s) may be partner(s).
- The maximum funding rate for the Norwegian team is 50%
- Letters of Intent from all Norwegian companies are required in stage 1 (pre-proposal), and Letters of Commitment in stage 2 (full proposal). The letters must be uploaded in the CETP submission portal





## **Questions?**

