

# CETP funding opportunities within CCUS, hydrogen, and renewable fuels

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# Agenda

- Brief introduction of CETP
- Presentation of the CETP Joint Call 2024

# Introducing CETP

## *What*

A partnership of national research, development and innovation (RDI) programs

## *Objectives*

- Achieve a climate-neutral society by 2050
- Diversify energy supplies
- Strengthen clean energy value chains, making them more sustainable

## *How*

Annual joint calls



### 33 Countries

23 EU Member States  
10 Associated Countries

### 47+ Funding Partners

Funding Agencies  
& Ministries

### Top-up

European Commission is the  
single biggest financing  
organisation

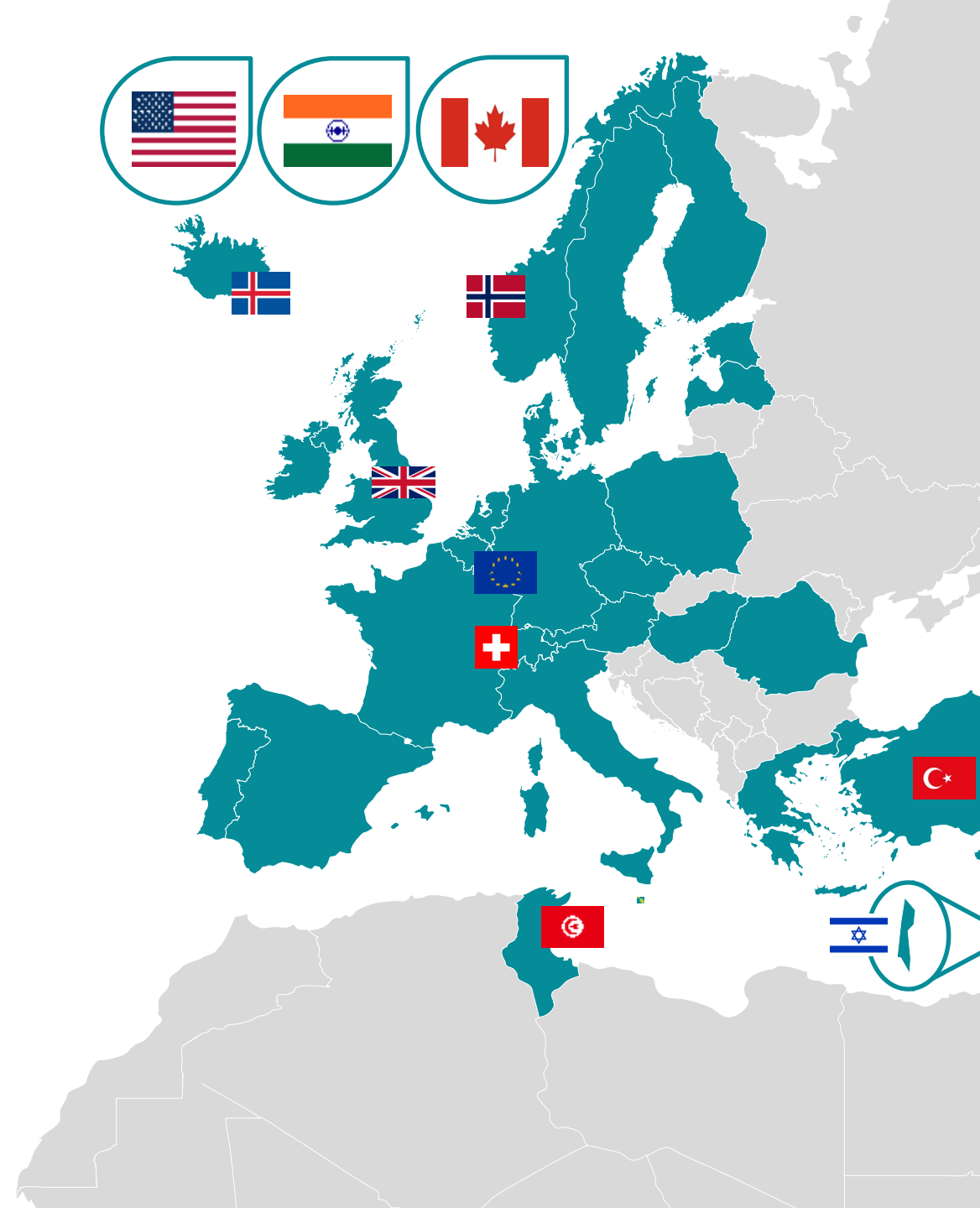
### 13 Coordination Units

Coordinator: BMK / SWEA

### Annual Calls for RTDI Projects

100 – 140 M € per year  
2022 - 2027

**Call 2024**  
**Total 100 M €**



# The CETP Joint Call 2024

The CETP Joint Call is available at the CETP website,  
<https://cetpartnership.eu/>



# Transition Initiatives (TRIs)

## What is a TRI?

The Transition Initiatives (TRIs) are **thematic configurations** of CETPartnership funding partners in order to work together on a specific **Strategic Research and Innovation Agenda (SRIA)** Challenge.

## 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**. Call Modules are 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.

# CETP Joint Call 2024 - schedule

<b>Stage 1</b> Opening for pre-proposal submission	19/09/2024
<b>Stage 1</b> Closing	21/11/2024, 14:00 CET
<b>Stage 2</b> Opening for full-proposal submission	29/01/2025
<b>Stage 2</b> Closing	31/03/2025, 14:00 CET
Funding decision communicated	July 2025
Project start (tentative)	September 2025
Application to national/regional Funding Agencies	Consult specific Funding Agency Annex.



# CETP Joint Call 2024 – Call Modules

01	Energy data spaces and interoperability	TRI1&TRI5
02	Energy system flexibility: renewables production, storage and system integration	TRI1&TRI2 &MI GPFM
03A/B	Advanced renewable energy (RE) technologies for power production (ROA/IOA)	TRI2
04	Carbon capture, utilisation and storage (CCUS)	TRI3
05	Hydrogen and renewable fuels	TRI3
06	Heating and cooling technologies	TRI4
07	Geothermal energy technologies	TRI4
08	Integrated regional energy systems	TRI5
09	Integrated industrial energy systems	TRI6
10	Clean energy integration in the built environment	TRI7

# CETP Joint Call 2024 – Call Modules applicable for Norwegian applicants

01	Energy data spaces and interoperability	TRI1&TRI5
02	Energy system flexibility: renewables production, storage and system integration	TRI1&TRI2 &MI GPFM
03A/B	Advanced renewable energy (RE) technologies for power production (ROA/IOA)	TRI2
<b>04</b>	<b>Carbon capture, utilisation and storage (CCUS)</b>	<b>TRI3</b>
<b>05</b>	<b>Hydrogen and renewable fuels</b>	<b>TRI3</b>
06	Heating and cooling technologies	TRI4
07	Geothermal energy technologies	TRI4
08	Integrated regional energy systems	TRI5
09	Integrated industrial energy systems	TRI6
10	Clean energy integration in the built environment	TRI7

## Call Module 4 - CCUS

- Open for applications within CO<sub>2</sub> capture, transport, utilization, and storage
- Negative emission technologies are included in the scope (DAC, BECCS, etc)
- Projects must end at TRL 5 or higher
- Activities at lower TRLs may be included if they contribute to the higher TRL goal of the overall project
- Active industrial involvement in research and innovation activities.
- Applied funding from the Call in the range of (but not limited to) € 1–4 M

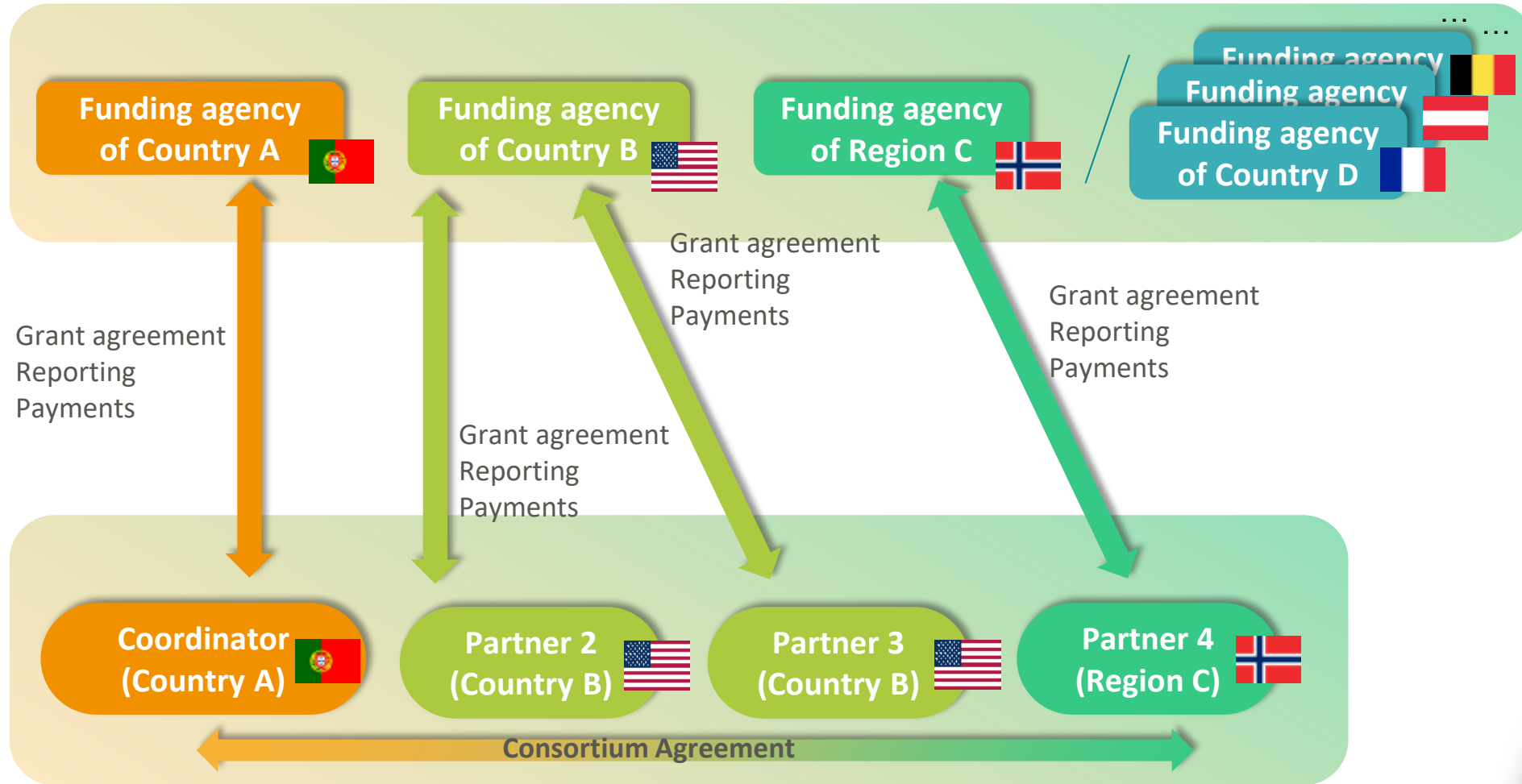


# Call Module 5 – Hydrogen and renewable fuels

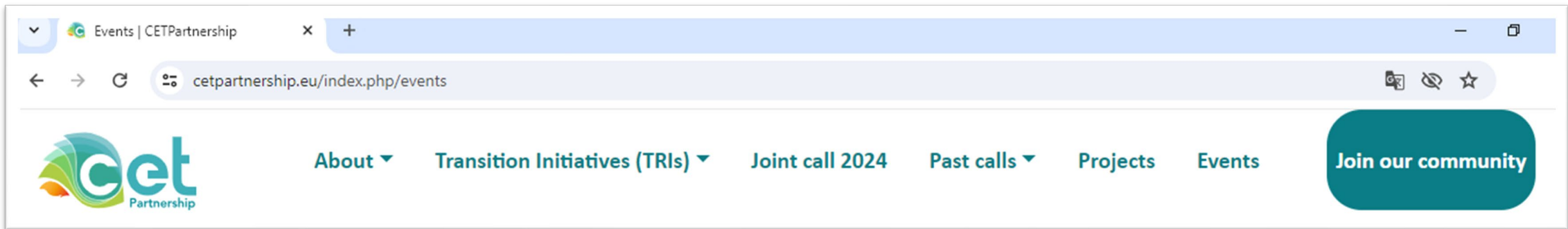
- Hydrogen and renewable fuels production
- Reliable and low-cost production technologies of new and advanced fuels
- Fuel distribution infrastructure
- Secure and safe fuel storage
- New and adapted end-use technologies
- Projects must end at TRL 5 or higher
- Activities at lower TRLs may be included if they contribute to the higher TRL goal of the overall project
- Active industrial involvement in research and innovation activities.



# Consortium building



# Matchmaking



# 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/regional requirements
- ✓ evaluation by three experts per proposal
- ✓ Evaluation criteria: Excellence, Impact, Implementation.
- ✓ Scale of marks: 0 to 5 where 5 is best
- ✓ Threshold: score at or above 10 and none of the criteria scoring below 3



## Submission:

- ✓ choose one Call Module per proposal
- ✓ Project Coordinator invite Project Partners through the submission system
- ✓ PIC and NACE codes needed for all organisations

## 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 2024, out of which at least two must be EU Member States or Horizon Europe Associated Countries
- ✓ applicants must be eligible for funding according to their Funding Partner's national/regional requirements



# CETP eligibility criteria



The **consortia** shall include:

- ✓ Minimum 3 eligible partners applying for funding, at least 2 must be from an EU or Horizon Europe associated country
- ✓ one Project Coordinator
- ✓ public research organizations, universities and higher education institutions
- ✓ "need-owner(s)" and relevant stakeholders (e.g. energy supply companies, DSOs, TSOs, system integrators, ICT companies, local/regional authorities, equipment and solutions providers, industrial companies, etc.)
- ✓ 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)
- ✓ fully self-financed Partners from any country/region who brings their own secured budget can be included. The self-financed Partner cannot be the Project Coordinator and does not count to fulfil the transnationality criteria

# National eligibility criteria



- ✓ **There are national eligibility criteria in addition to the CETP eligibility criteria**

## **NB**

- ✓ In the CETP 2023 call 25 % of the stage 1 applicants ended up with in-eligible pre-proposals.
- ✓ Most of them because of national in-eligibility.
- ✓ Half of those partners were eligible, but failed because some other partners in their consortia were in-eligible