

# CETPartnership – TRI 3 CCUS, hydrogen, and renewable fuels:

## What's in it for me?

12 June 2023

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# Agenda

- Presentation of the CETP Call
- Call Module 4 – CCUS
- Call Module 5 – Hydrogen and renewable fuels
- Q&A

# **CETPartnership Joint Call 2023**

## **Call topics**

**PLEASE NOTE THIS IS ONLY A  
DRAFT VERSION**

**The text of Joint Call 2023 has not  
been officially approved yet!**

# Clean Energy Transition Partnership (CETP)

- CETP is a partnership of national and regional research, development and innovation (RDI) programmes in European Member States and Associated Countries
- CETP is aiming to boost and accelerate the energy transition
- CETP is setting up annual calls for RDI applications

# The CETP2023 Call

- The Call text is available at <https://cetpartnership.eu/calls/joint-call-2023>
- Ten Call modules
- Application must have partners from at least three CETP-countries
- Deadline for pre-proposal: 22 November 2023, 14:00 CET
- Deadline for full proposal: 27 March 2024, 14:00 CET
- Read the call text carefully!
- Read the national eligibility criteria carefully!

# CETPartnership Joint Call 2023 Call topics

Call Module	Title	Contact
CM2023-01	Direct current (DC) technologies for power networks	<a href="mailto:TRI1@cetpartnership.eu">TRI1@cetpartnership.eu</a>
CM2023-02	Energy system flexibility: renewables production, storage and system integration	<a href="mailto:TRI1@cetpartnership.eu">TRI1@cetpartnership.eu</a> <a href="mailto:TRI2@cetpartnership.eu">TRI2@cetpartnership.eu</a>
CM2023-03A/3B	Advanced renewable energy (RE) technologies for power production	<a href="mailto:TRI2@cetpartnership.eu">TRI2@cetpartnership.eu</a>
<b>CM2023-04</b>	<b>Carbon capture, utilisation, and storage (CCUS)</b>	<a href="mailto:TRI3@cetpartnership.eu">TRI3@cetpartnership.eu</a>
<b>CM2023-05</b>	<b>Hydrogen and renewable fuels</b>	<a href="mailto:TRI3@cetpartnership.eu">TRI3@cetpartnership.eu</a>
CM2023-06	Heating and cooling technologies	<a href="mailto:TRI4@cetpartnership.eu">TRI4@cetpartnership.eu</a>
CM2023-07	Geothermal energy technologies	<a href="mailto:TRI4@cetpartnership.eu">TRI4@cetpartnership.eu</a>
CM2023-08	Integrated regional energy systems	<a href="mailto:TRI5@cetpartnership.eu">TRI5@cetpartnership.eu</a>
CM2023-09	Integrated industrial energy systems	<a href="mailto:TRI6@cetpartnership.eu">TRI6@cetpartnership.eu</a>
CM2023-010A/10B	Clean energy integration in the built environment	<a href="mailto:TRI7@cetpartnership.eu">TRI7@cetpartnership.eu</a>

# CM2023-04: Carbon capture, utilisation and storage (CCUS)

Objectives	Scope	Expected impact
<p>Facilitate the emergence of CO<sub>2</sub> Capture, Utilisation and Storage (CCUS) technologies via funding of transnational projects</p>	<p>Selected projects will support the emergence of CCUS primarily in the industrial sectors and the energy sector:</p> <ul style="list-style-type: none"> <li>• CO<sub>2</sub> capture from energy intensive or heavy industry</li> <li>• Advancing lower cost CO<sub>2</sub> capture technologies</li> <li>• CO<sub>2</sub>-storage sites</li> <li>• Enabling CCUS technologies</li> <li>• Transport and injection of CO<sub>2</sub></li> <li>• Reuse of existing energy assets for CCUS</li> <li>• Negative emission technologies (NETs)</li> </ul>	<p>Funded projects will have a significant contribution to the green transition by accelerating development and deployment of CCUS technologies.</p> <p>All projects must advance the state-of-the art for CCUS technologies and contribute new knowledge and new competence that brings CCUS closer to commercialisation.</p>

<p><b>Project consortia</b></p>	<p>In addition to standard CETP criteria of eligible partners from at least three CETP-countries, consortia submitting applications within CCU/CCS must demonstrate the interest of industry partner(s) by actively involving them in the project as formal partners.</p>
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<p><b>TRL</b></p>	<p>Projects should aim at TRL 5-9. Parts of projects (e.g. one WP or a certain task) may address lower TRL.</p>
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# CM2023-04: Carbon capture, utilisation and storage (CCUS)

## What we expect from new projects

- Funded projects will have a significant contribution to the green transition by accelerating development and deployment of CCUS technologies.
- All projects must advance the state-of-the art for CCUS technologies and contribute new knowledge and new competence that brings CCUS closer to commercialisation.
- Only projects ending at TRL 5 or higher will be eligible for funding.
- Industry partners must be actively involved in as formal partners.



# CM2023-05: Hydrogen and renewable fuels

 [tri3@cetpartnership.eu](mailto:tri3@cetpartnership.eu)



Objectives	Scope	Expected impact
<p>Technological development, demonstration, and deployment of renewable and synthetic fuels production, including hydrogen and energy storage.</p>	<p>International projects targeting technological solutions for end users, with innovative projects which can contribute, support, and provide results to future or already existing pilot and demonstration installations:</p> <ul style="list-style-type: none"><li>• Hydrogen technologies</li><li>• Renewable fuels, including renewable ammonia</li><li>• End-use applications</li><li>• Cross-cutting issues</li></ul>	<p>Supported projects are expected to have a significant impact on promoting the deployment of new and cost-efficient technologies with a significant contribution to the green transition to be important contributions to climate neutrality by 2050.</p>
<p><b>Project consortia</b></p>	<p>Research organisations, higher education institutions and industry (small and large private companies). Public and private organisations, associations and NGOs are also welcome to be involved.</p>	
<p><b>TRL</b></p>		<p>Projects should aim at TRL 5-9. Parts of projects (e.g. one WP or a certain task) may address lower TRL.</p>



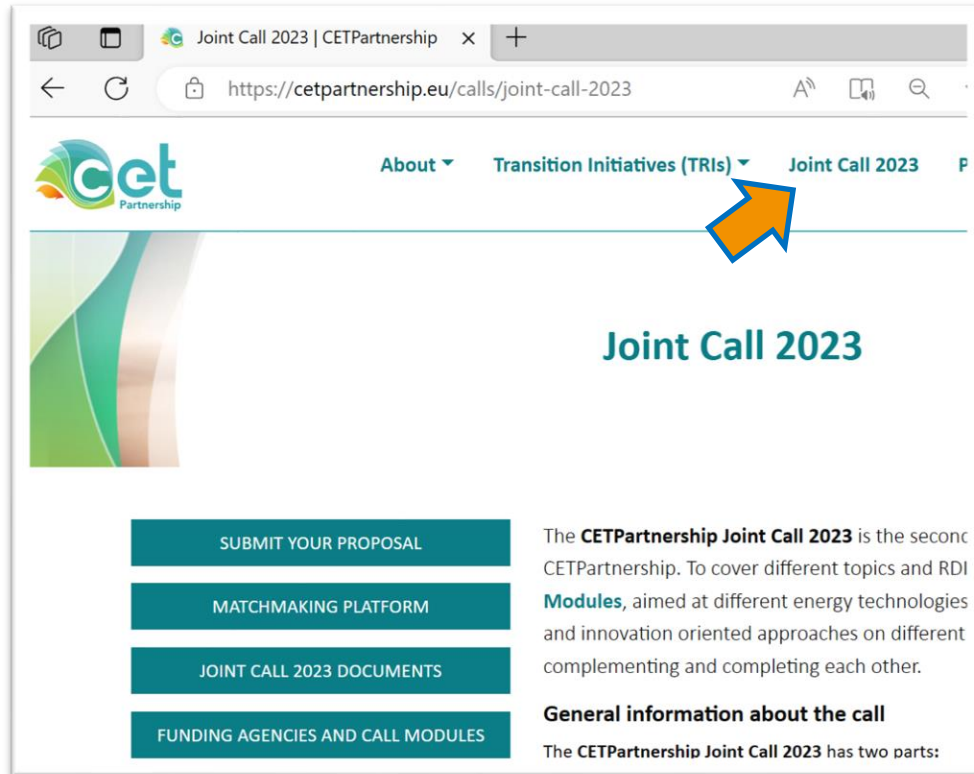
## TRI 3.2 – Hydrogen and renewable fuels

### Aim

- Facilitate the development and adoption of technologies for effective production, transport, storage and end-use of hydrogen and renewable fuels, including security aspects.
- Accelerate the time to market for hydrogen and renewable fuel technologies. This will require industrial involvement in research and innovation activities.

# Matchmaking, Upcoming events, and contact points

# Find information on the CETPartnership website, <https://cetpartnership.eu/>



Joint Call 2023 | CETPartnership

<https://cetpartnership.eu/calls/joint-call-2023>

About Transition Initiatives (TRIs) **Joint Call 2023**

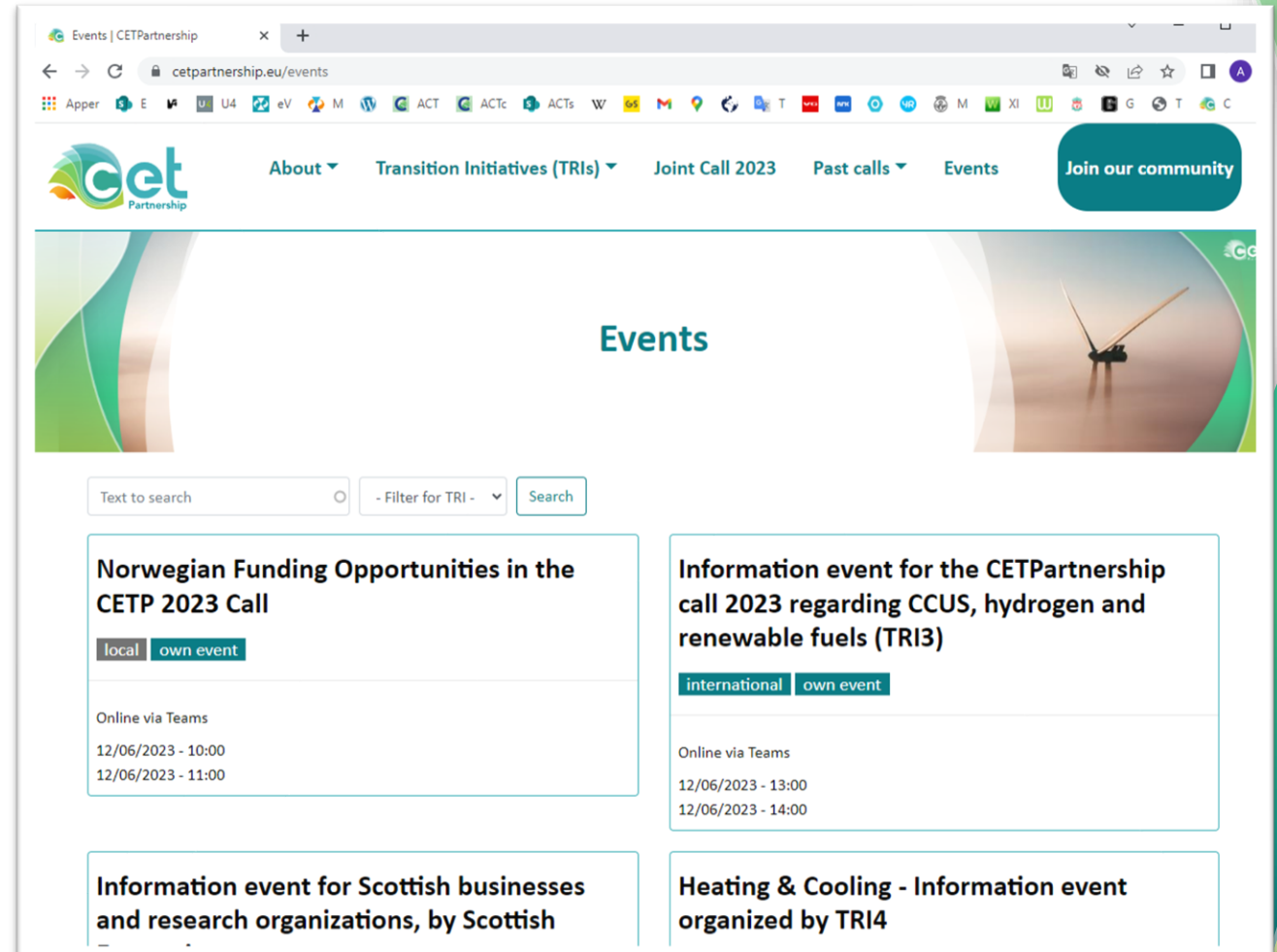
## Joint Call 2023

- SUBMIT YOUR PROPOSAL
- MATCHMAKING PLATFORM
- JOINT CALL 2023 DOCUMENTS
- FUNDING AGENCIES AND CALL MODULES

The **CETPartnership Joint Call 2023** is the second CETPartnership. To cover different topics and RDI **Modules**, aimed at different energy technologies and innovation oriented approaches on different complementing and completing each other.

**General information about the call**

The **CETPartnership Joint Call 2023** has two parts:



Events | CETPartnership

[cetpartnership.eu/events](https://cetpartnership.eu/events)




About Transition Initiatives (TRIs) Joint Call 2023 Past calls Events [Join our community](#)

## Events

Text to search  - Filter for TRI -

- Norwegian Funding Opportunities in the CETP 2023 Call**  
local own event  
Online via Teams  
12/06/2023 - 10:00  
12/06/2023 - 11:00
- Information event for the CETPartnership call 2023 regarding CCUS, hydrogen and renewable fuels (TR13)**  
international own event  
Online via Teams  
12/06/2023 - 13:00  
12/06/2023 - 14:00
- Information event for Scottish businesses and research organizations, by Scottish**
- Heating & Cooling - Information event organized by TRI4**

# CETPartnerships Joint Call 2023 Promotion events

General	↑	<b>CETPartnership: what's in it for me?</b>	<b>7th June 10:00 CEST</b>
	↓	<b>Info Day 1 (covering all call modules)</b>	<b>13th September (Time TBD)</b>
Thematic	↑	<b>TRI 1 - Webinar on Interoperability in energy systems</b>	Coming soon
	↓	<b>TRI3 event – CCUS, hydrogen and renewable fuels</b>	<b>12th June 13:00 CEST</b>
	↓	<b>TRI4 event – Heating and Cooling</b>	<b>15th June 10:00 CEST</b>
	↓	<b>TRI2 event – Zero-emission power technologies</b>	<b>26th June 10:00 CEST</b>
National & Regional	↑	<b>National event: Norway</b> 	<b>12th June 10:00 CEST</b>
	↓	<b>Regional event: Scotland</b> 	<b>15th June 10:00 BEST</b>
	↓	<b>National event: Spain</b> 	<b>19th June 10:00 CEST</b>
	↓	<b>Other TRI and national events</b>	Coming soon

# CETPartnership Event and Matchmaking Platform

- Event platform:
  - central events
  - thematic events (Joint Call 2023)
- Matchmaking
  - find and get in touch with
    - potential **project partners** for CETPartnership Joint Calls
    - TRI leaders
- Newsletter



# Stay tuned for call updates



<https://cetpartnership.eu>



<https://www.linkedin.com/company/cetpartnership/>



[https://twitter.com/CET\\_Partnership](https://twitter.com/CET_Partnership)



<https://www.youtube.com/@cetpartnership>

## Contact points

- Aage Stangenland, [ast@rcn.no](mailto:ast@rcn.no) (CCUS)
- Isabel Cabrita, [isabel.aleixocabrita@gmail.com](mailto:isabel.aleixocabrita@gmail.com) (Hydrogen and renewable fuels)
- Lena Huck, [l.huck@fnr.de](mailto:l.huck@fnr.de) (Hydrogen and renewable fuels)
- National contact points will be available in the call text



# Q&A Sessions