

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

What's in it for ACT 'veterans'?

ACT Knowledge sharing workshop, 4-5 October 2023, Paris, France
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Clean Energy Transition Partnership (CETP)

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

CETPartnership will enable you to collaborate across country borders in a variety of settings – similar to ACT

Clean Energy Transition Partnership

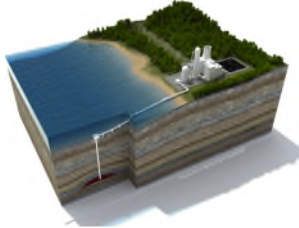
Coordination



Zero emission Energy systems



Zero emission power



CCUS, Hydrogen and renewable fuels



Heating & cooling



Regional energy systems



Industrial energy systems



Buildings

CETPartnership will have annual calls for applications

The CETPartnership 2023 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	TRI1@cetpartnership.eu
CM2023-02	Energy system flexibility: renewables production, storage and system integration	TRI1@cetpartnership.eu TRI2@cetpartnership.eu
CM2023-03A/3B	Advanced renewable energy (RE) technologies for power production	TRI2@cetpartnership.eu
CM2023-04	Carbon capture, utilisation, and storage (CCUS)	TRI3@cetpartnership.eu
CM2023-05	Hydrogen and renewable fuels	TRI3@cetpartnership.eu
CM2023-06	Heating and cooling technologies	TRI4@cetpartnership.eu
CM2023-07	Geothermal energy technologies	TRI4@cetpartnership.eu
CM2023-08	Integrated regional energy systems	TRI5@cetpartnership.eu
CM2023-09	Integrated industrial energy systems	TRI6@cetpartnership.eu
CM2023-010A/10B	Clean energy integration in the built environment	TRI7@cetpartnership.eu

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

Objectives

Facilitate the emergence of CO₂ Capture, Utilisation and Storage (CCUS) technologies via funding of transnational projects

Scope

- CO₂ capture from energy intensive or heavy industry
- Advancing lower cost CO₂ capture technologies
- CO₂-storage sites
- Enabling CCUS technologies
- Transport and injection of CO₂
- Reuse of existing energy assets for CCUS
- Negative emission technologies (NETs)

Expected impact

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.

Project consortia

Consortia must demonstrate the interest of industry partner(s) by actively involving them in the project as formal partners.

TRL

Projects should aim at TRL 5-9. Parts of projects may address lower TRL.

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 as formal partners.

Participating funding organisations: BE, Alberta, CY, CZ, DK, EE, FI, FR, DE, GR, HU, IS, India, EI, Israel, IT, LT, MT, NL, NO, PL, PT, RO, ES, SE, CH, Tunisia, TR, UK (Scotland), USA, see [Funding Agencies and Call Modules | CETPartnership](#)

CM2023-05: Hydrogen and renewable fuels



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>	<ul style="list-style-type: none">• Hydrogen technologies• Renewable fuels, including renewable ammonia• End-use applications• Cross-cutting issues	<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>Project consortia</p>	<p>Research organisations, higher education institutions and industry. Public and private organisations, associations and NGOs are also welcome to be involved.</p>	<p>TRL</p> <p>Projects should aim at TRL 5-9. Parts of projects may address lower TRL.</p>



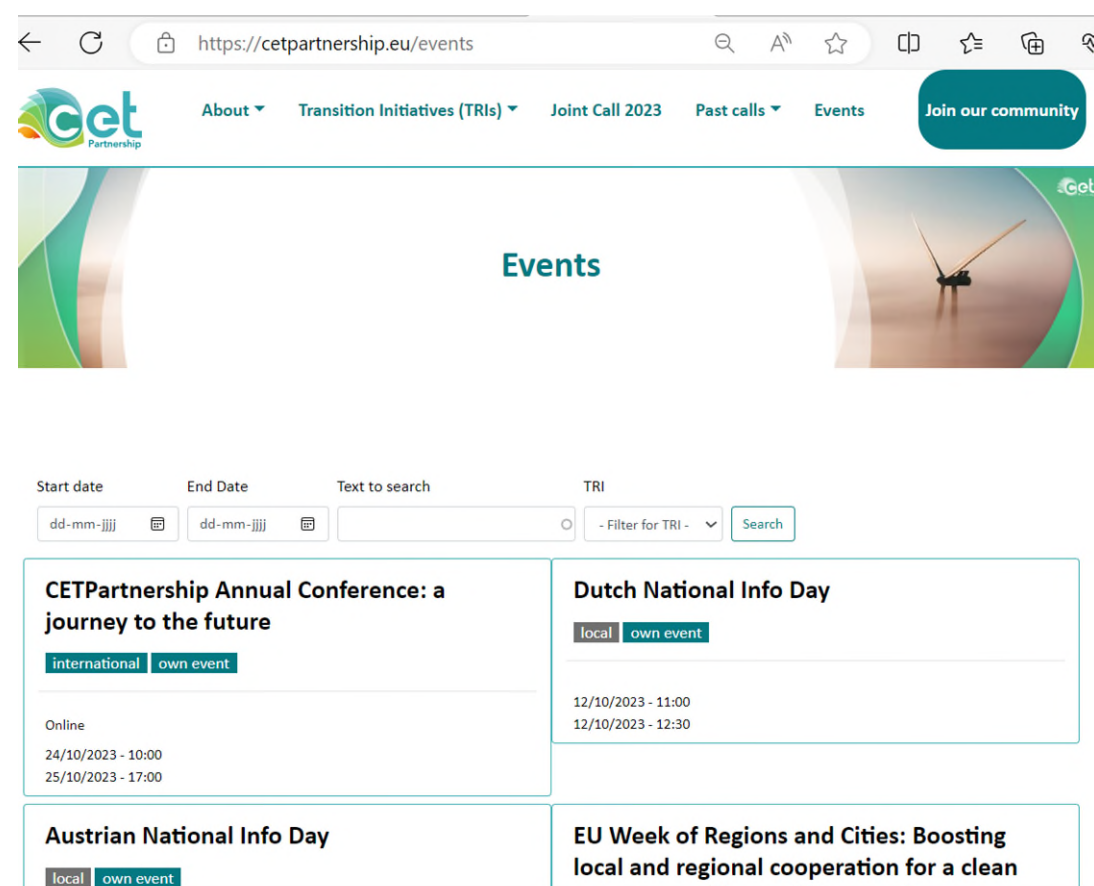
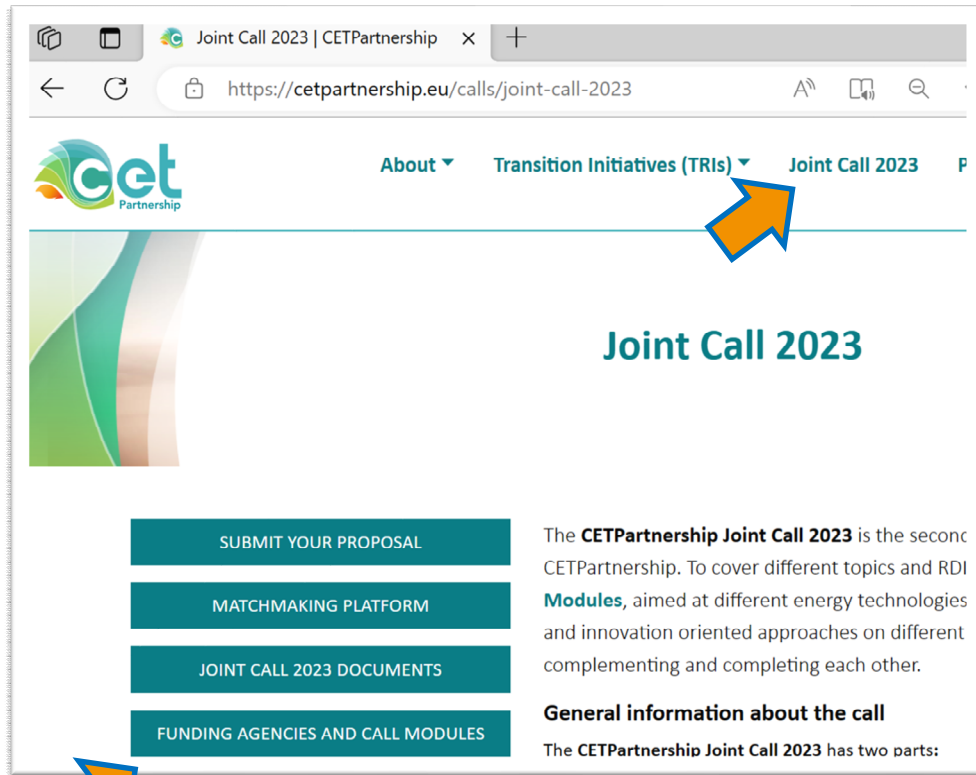
CM2023-05: Hydrogen and renewable fuels

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.

Participating funding organisations: AT, BE, Alberta, CY, CZ, DK, EE, FI, FR, DE, GR, HU, IS, EI, Israel, IT, LT, MT, NL, PL, PT, RO, ES, SE, CH, Tunisia, TR, UK (Scotland), USA, see [Funding Agencies and Call Modules | CETPartnership](#)

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



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



Contact points

- Aage Stangeland, ast@rcn.no (CCUS)
- Isabel Cabrita, isabel.alexocabrita@gmail.com (Hydrogen and renewable fuels)
- Lena Huck, l.huck@fnr.de (Hydrogen and renewable fuels)
- National contact points are available in the call text

Questions?

Feel free to ask