Clean Energy Transition Partnership

2025 Call Module 1 Matchmaking sessions

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What it is

What

CETPartnership is a multilateral and strategic **partnership of national and regional research**, development and innovation (RDI) **programmes** in EU/EEA Member States and non-EU/EEA Partner Countries.

Why

CETPartnership supports the **implementation of the European Strategic Energy Technology Plan** (SET Plan), with the ultimate objectives, in line with REPowerEU Plan, to:

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

How

CETPartnership **builds on existing SET Plan initiatives (ERA-Nets, IWGs, ETIPs, etc.)**, and aims to create **synergies with the National Energy and Climate Plans** and with the Recovery and Resilience Facility (RRF).

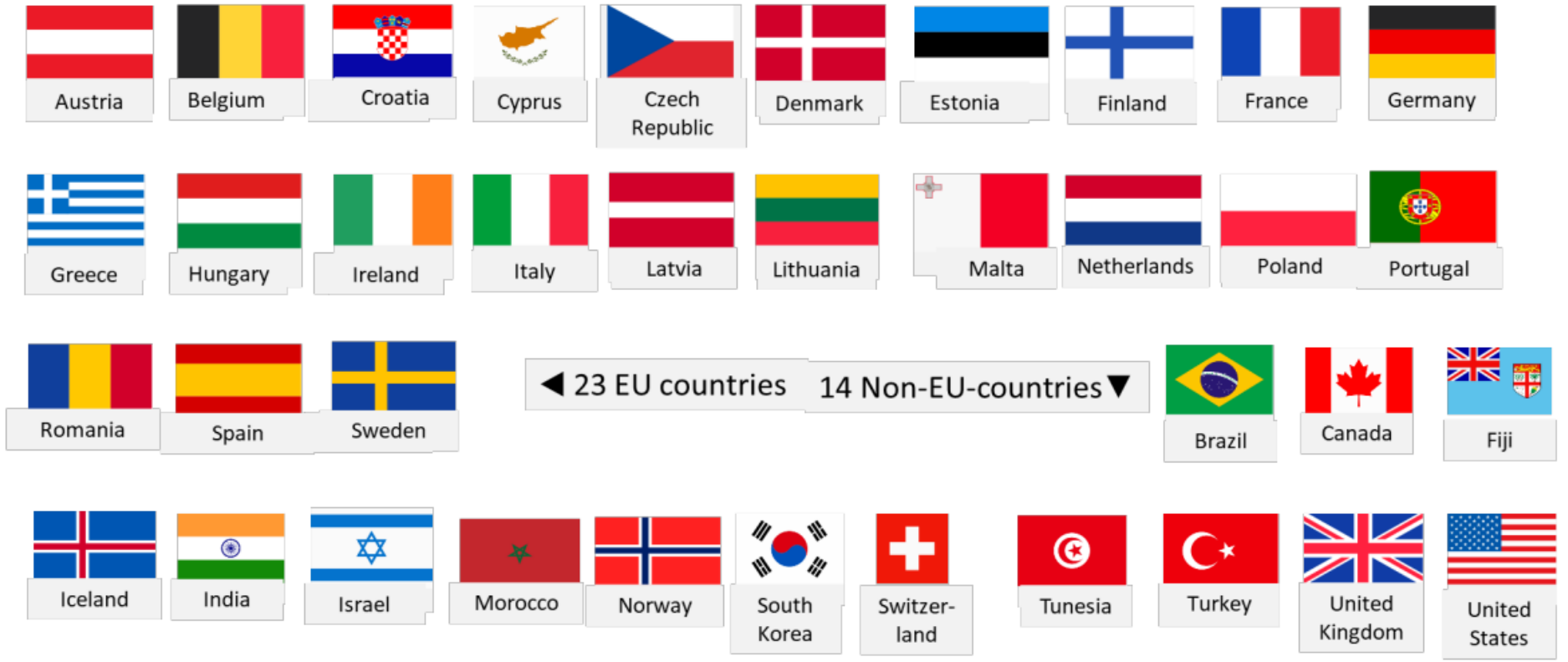
It **pools national and regional RDI funding** for the broad variety of technologies and system solutions required to make the energy transition. Financing is provided **by national and regional funding agencies and institutions and by a top-up from the European Commission**.

It envisions a transition **driven by industry, public institutions, academia and citizen groups** that will make Europe the front-runner in clean energy innovation and implementation.

CETPartnership will publish a **yearly Joint Call until 2027**, including different Call Modules.

Global interests

The following countries have been involved in the partnership in different ways since 2022



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Knowledge Community

Selected projects will benefit from a **structure** that will accompany them through **knowledge communities** and **impact groups** **fostering information and best practice exchange** and guaranteeing an **outreach of the results** to European and international levels.

- Exchange knowledge with CETPartnership and other RDI projects to create **efficient synergies for your RDI activities**
- Co-create joint understanding of **thematic and cross-cutting challenges** across funded projects and **extract strategic knowledge** for the clean energy transition

- Get your results **ready for exploitation** and to be adopted by international need owners
- Benefit from European knowledge base incl. **thematic experts**

- Join a community of international experts in the „**family of projects**“
- Get ideas and partners for **future calls**

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CETPartnership Impact Network

A network of stakeholders and intermediaries: need owners, potential customers, decision makers on national and European level, SMEs and start-ups, Living Labs and Testbeds, follow-up financiers etc.
External partners necessary to enrich the discussion and to complement CETPartnership and project competencies and capacities

Interaction through the impact network will help in…

- shaping the operational & regulatory environment
- linking CETPartnership results with energy system strategies and roadmaps
- creating a correct understanding of the needs and customer perceptions
- creating a correct understanding of the markets and value chains
- validating the developed technologies and solutions
- finding funds partners with complementing know-how for the next steps

The importance of societal acceptance and engagement

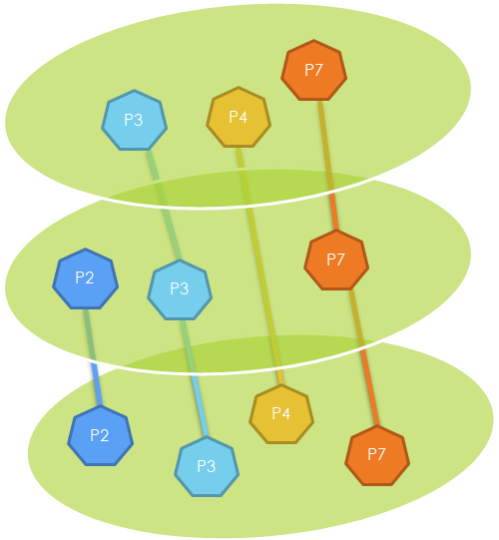
- Mitigating Resistance and Opposition
- Accelerating Adoption
- Enhancing Public Awareness and Education
- Fostering Trust and Credibility
- Promoting Local Ownership and Participation

Integrative Innovation Model

Applicants are encouraged to consider aspects beyond technology, according to the **Integrative Innovation Model**, a framework meant to facilitate a structured approach to foster different dimensions of innovation in project design. Applicants are encouraged to cover more than one dimension.

- Methodologies and approaches to study the dimensions included in the project should be clearly defined.
- The work plan and deliverables should reflect all included dimensions and the potential interconnections between them.
- Interdisciplinary teams may be of great value.
- Risk assessments for the projects should consider all dimensions involved in the project.

The dimensions represent three domains where barriers to transition may be present.



3 - **Transition of Energy Systems**
How do the new solutions become an integral part of the daily lives?

2 - **Organisation of Energy Systems**
How do we organise the interaction of players? (e.g market, business models, regulatory frame, etc.)

1 - **Technology, Infrastructures and System Solutions**
Which technology solution do we need?

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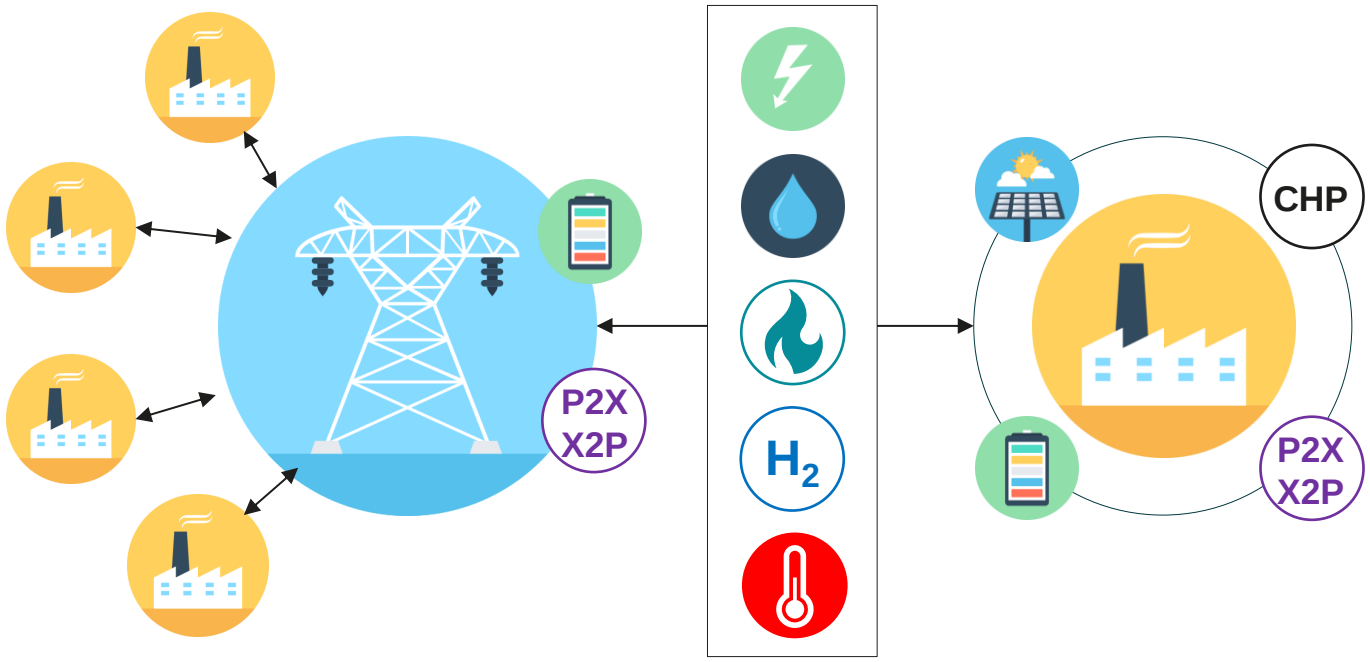
Joint Call 2025 – Call Module 1

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

Call Module 1, prepared by TRI 1 and TRI 6, aims to contribute to the interactions and **synergies among the clean energy system and industries**, adopting a **multi-vector approach** (electricity, gas, heat, fuels, etc.) and fostering **flexible interactions** between industrial plants and the energy system.

Why this Call Module

Solutions are required to enable coupling of industry sectors and energy systems, adopting technologies fostering flexibility throughout their processes and leveraging the potential related to different vectors.



Examples of multi-vector interactions

- Flexibility from industry for power system balancing (e.g. ancillary services, vRES, CHP, efficiency, load shedding, peak shaving, load shifting, production schedule shifting, Direct Current industrial networks, flexible industrial production processes)
- Energy storage – all types and durations
- Interaction with heat (e.g. waste heat and heat storage)
- Interaction with gas (e.g. biogas, biofuels, hydrogen and e-fuels)
- Interaction with water (e.g. electrolysis with fresh or treated water)

Joint Call 2025 – Call Module 1

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

This Call Modules adopts the energy system viewpoint and is meant for proposals

MANDATORILY REQUIRED

- **assessing flexibility resources** available from the industry **and flexibility needs** from the energy system viewpoint, leveraging the interaction of industrial systems with the renewable-based clean energy system looking at a multi-vector approach
- **modelling, planning and optimising** the multi-vector interactions between industrial sectors and the energy system (e.g. investigations and simulations of the dynamics of these interactions; development, testing and validation of reliable interfaces), also including environmental and economic aspects (e.g. analyses of sustainability and environmental impacts of these interactions and market-related aspects)

NICE-TO-HAVE

- **assessing the societal implications** of the new energy-industry synergies enabled by project outcomes

Expected outcomes

- **tools** (e.g. for integrated and multi-vector planning under high uncertainty conditions using stochastic and risk-management integrated planning)
- **methods** (e.g. using advanced computational technologies and AI to address holistically the energy system with multi-vector integration and implications related to environment and energy and flexibility markets)
- **solutions** (e.g. advanced multi-vector interface systems, working on existing infrastructures - control and measurement tools, or on test facilities – Hardware-in-the-Loop, considering standard architectures, interoperability and cybersecurity by design)

Joint Call 2025 – Call Module 1

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

Consortium

For a proposal targeting a lower final TRL or including tools and methods for modelling and planning, **the involvement of need-owners in an advisory or steering board is recommended**.

For a proposal targeting a higher TRL or including validation, **involvement of need owner(s) as Project Consortium Partner(s) is mandatory**.

TRL

In case of modelling and planning activities, the definition of TRL is hardly applicable. However, the Key Exploitable Results (**KERs**) of the projects shall consist of tools (e.g. models, software, APIs, etc.) developed in open access platforms and developed according to quality standards, characterised by results traceability and system maintainability.

In case of validation and application activities (advanced laboratory activities):

- Project start: TRL 3 or higher
- Project end: **TRL increase of at least 2** from project start

Budget

In the range of **EUR 2–3 million**, including any self-financing.

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General steps

Two-step procedure:

- ✓ submission of a **pre-proposal** followed by an invitation to submit a **full proposal**
- ✓ eligibility check according to both general and national/regional requirements
- ✓ evaluation by three independent experts per proposal
- ✓ one ranking list per Call Module (score at or above 10 and none of the criteria scoring below 3)

1

Pre-proposal

- ✓ light form (including project description, consortium partners' data, team members, project budget)

2

Full proposal

- ✓ may not differ substantially from the pre-proposal
- ✓ includes specific requirements for each evaluation criteria and info on IPR and data management and risk analysis
- ✓ changes must be communicated to involved Project Partners and relevant Funding Partner(s)
- ✓ avoid changes in the consortium composition, except if an ineligible partner is replaced by a partner from undersubscribed countries/regions (after relevant Funding Agency approvement)

Submission:

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

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Eligibility criteria

Eligibility criteria:

- ✓ each project proposal must include **at least three independent legal entities from at least three different countries** participating in the CETPartnership Joint Call 2025, 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

The **consortia** shall include:

- ✓ Minimum 3 partners receiving funding, at least 2 must be from an EU or Horizon Europe associated country
- ✓ 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)
- ✓ one Project Coordinator
  - ✓ Partners eligible for direct funding by the Funding Partners participating in the CETPartnership Joint Call 2025
  - ✓ fully self-financed Partners from any country/region who brings their own secured budget – the self-financed Partner cannot be the Project Coordinator and does not count to fulfil the transnationality criteria

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Project requirements

Project duration:

- ✓ projects are required to start in Autumn 2026
- ✓ the maximum project duration must not exceed 36 months
- ✓ national/regional limits regarding the duration of projects may apply

Cross-cutting dimensions, e.g fostering:

- ✓ transition and innovation ecosystems
- ✓ fair, just and democratic transition
- ✓ resource efficiency and circularity principles
- ✓ Gender Equality Plan at organizational level (not applied to the business sector, special interest organizations or the non-profit sector)
- ✓ open access as part of proposals' methodology

Read carefully the Call Text for complete information (look for Call Module and Funding Partner specific requirements)

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Evaluation criteria

Excellence (Score 0-5):

- ✓ clarity and pertinence of the project's objectives and the extent to which the proposed work has an appropriate level of ambition for its TRL level, and goes beyond the state-of-the-art
- ✓ soundness of the proposed methodology, including the underlying concepts, models, assumptions, interdisciplinary approaches

Impact (Score 0-5):

- ✓ scale and significance of the outcomes and impacts and the credibility of the pathways to achieve them
- ✓ suitability and quality of the measures to maximize expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities and the added value of the transnational collaboration
- ✓ appropriate involvement of end-users, need-owners and/or the private sector

Quality and efficiency of the implementation (Score 0-5):

- ✓ quality, effectiveness and appropriateness of work plan, risk assessment, work package efforts and overall resources
- ✓ capacity and role of each participant, and extent to which the consortium brings together the necessary expertise

Read carefully the Call Text for complete information (look for Call Module and Funding Partner specific requirements)

Any questions?

Your contact points for questions about…

Call application, submission, evaluation, calendar, etc.

Call Management

callmanagement@cetpartnership.eu

Call modules and thematic topics

Your TRI Office

tri1@cetpartnership.eu
tri2@cetpartnership.eu
tri3@cetpartnership.eu
tri4@cetpartnership.eu
tri5@cetpartnership.eu
tri6@cetpartnership.eu
tri7@cetpartnership.eu

National requirements and national eligibility, project start & contractual matters

Your national funding agency

https://cetpartnership.eu/fundingagencies

Finding project partners

Support Team/Matchmaking Co-Organisers

matchmaking@cetpartnership.eu
or
Organisers for Matchmaking | Clean Energy Transition Partnership

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How to look for and contact project partners on B2Match

You can look on B2Match for people on this page

Matchmaking Participants | Clean Energy Transition Partnership

- via the filter options on the right
- via entering the organisation name or person name

Collaboration Opportunities | Clean Energy Transition Partnership

- via the filter per Call Module of interest

Due to privacy reasons, we cannot share the names or e-mail addresses of the participants of the matchmaking sessions.
Some contact details can be found in the slides of the pitches.

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General information about the call

Call Calendar

Stage 1	Opening for pre-proposal submission	11 June 2025
	Deadline for pre-proposal submission	9 October 2025, 14:00 CEST
	Selection decision communicated	
Stage 2	Opening for full-proposal submission	9 January 2026
	Deadline for full-proposal submission	12 March 2026, 14:00 CET
	Selection decision communicated	Mid-June 2026
Project	Start	1 September – 15 December 2026

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JOIN THE CET Partnership COMMUNITY

EVENTS

PROJECT MATCHMAKING

NEWSLETTER

bit.ly/CETPartnershipMatchmaking

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