

Welcome to the CETPartnership InfoDay

13th of September 2023

Agenda

- | | |
|-------|---------------------------------------------------------------------------------------------------------------|
| 10:00 | WELCOME & INTRODUCTION
Overview of the CETPartnership
Transition Initiatives (TRIs) and National Events |
| 10:10 | CALL MODULE Presentation per Transition Initiative |
| 11:05 | 2023 CETP Call – Transnational and national guidelines |
| 11:25 | How to submit your proposal |
| 11:30 | Proposal evaluation |
| 11:45 | Matchmaking: find Project partners |
| 11:55 | Q&A session |
| 12:25 | Closing plenary |
| 12:30 | National Q&A Session |
| 13:00 | Individual Matchmaking Sessions |

Moderators: FREDRIK LUNDSTRÖM and KRISTINA STARBORG, Swedish Energy Agency

Join the Q&A session on Slido!

Join via link

<https://app.sli.do/event/5mCo9pJyxXixwgnb2N2ogk>

Join via QR code



What is the CET Partnership?

Clean
Energy
Transition
Partnership

A transnational initiative for clean energy

The CETPartnership enables more than **50 national and regional RTDI programme owners** and managers from **30 European and non-European countries** to align their research and innovation priorities, pool national budgets and launch Joint Calls annually until 2027.

The CETPartnership in a nutshell



WHAT

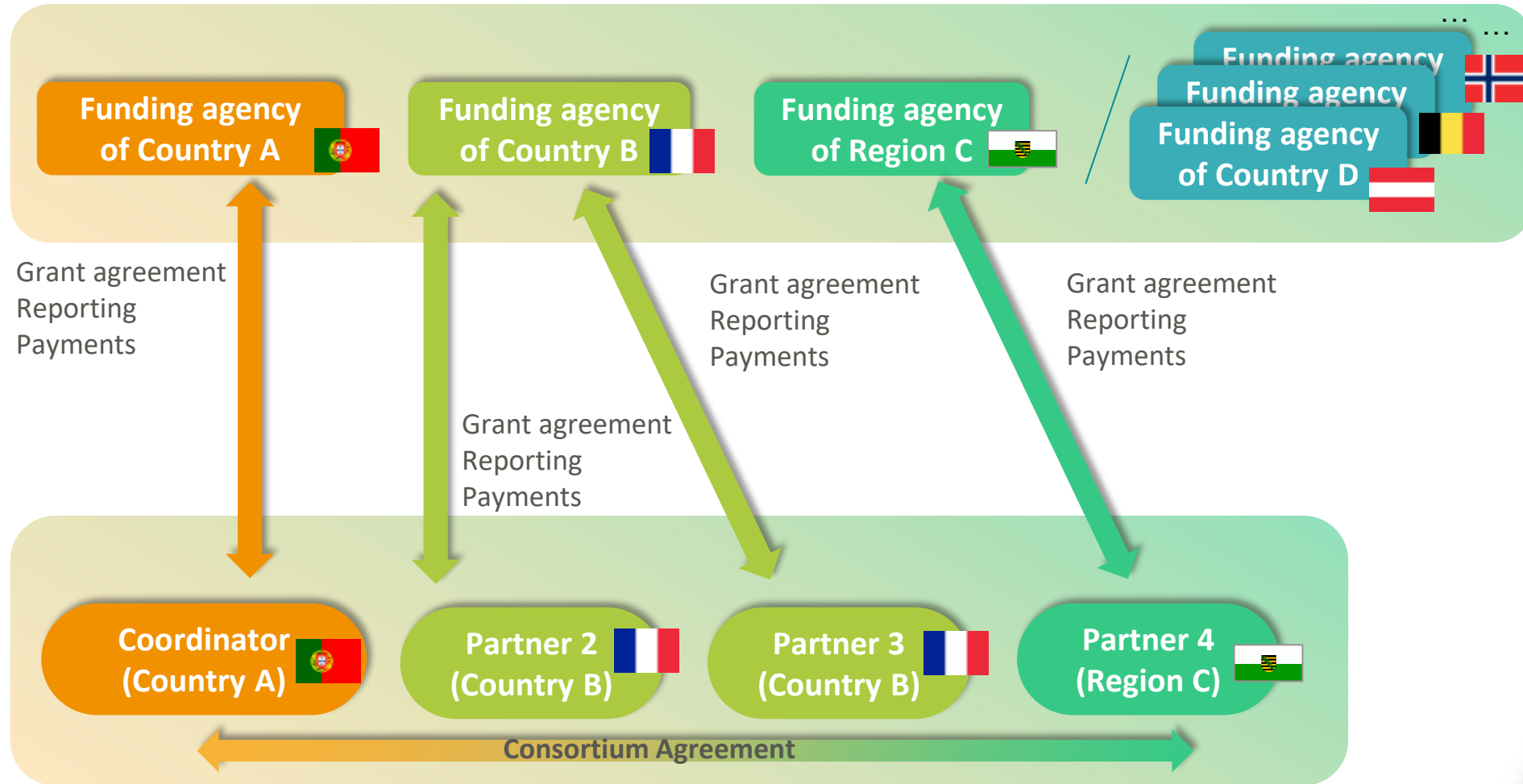
Aims to empower the **clean energy transition** and contribute to the EU's goal of becoming the first **climate-neutral continent by 2050**.



HOW

by pooling **national and regional RDTI funding** for a broad variety of technologies and system solutions required to make the transition. --- **Annual Joint Calls**

CETPartnership



Funded Project

**Where do
we come
from?**



The CETPartnership builds on energy ERA-Nets

Builds on **15 years of transnational cooperation** in 9 energy relevant **ERA-Nets**

Build up of **trust and established practices** in:

- conducting joint calls,
- monitoring progress,
- sharing data, information and knowledge beyond the projects
- deducing strategic knowledge,
- maximising the impact of funded projects and their established European and



The CETPartnership – Based on an integrative Strategic Research and Innovation Agenda (SRIA)

5 (+9) SRIA Input Papers developed in 5 clusters:

- Renewable Technologies;
- Heating and Cooling Solutions;
- System Integration;
- Storage and Fuels
- Crosscutting Issues

More than 200 experts from several Working Groups, Platforms, Alliances and member States and Associated Countries



Annual Joint Calls

The CETPartnership is organized in 7 **Transition Initiatives (TRIs)**, teams of CETPartnership members that work together on a specific thematic challenge. Each of the TRIs is led by one of the CETPartnership partners, known as the TRI Lead.

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



Stay tuned for call updates and events



<https://cetpartnership.eu>



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



https://twitter.com/CET_Partnership



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

CETPartnership Joint Call 2023

Call topics

CETPartnership Joint Call 2023 Call topics

No.	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

Challenge 1: Integrated Net-zero-emissions Energy System

Call topics 1 and 2



Leading Expert

Michele de Nigris, RSE, IT

CM2023-01 – DC technologies for power networks

Call module developed through a **co-creation approach** involving all **TRI 1** Partners and relevant stakeholders



Target groups	<p>Need owners / potential applicants</p> <ul style="list-style-type: none"> • Offshore wind farms/energy islands • Grid operators (TSO, DSO and industrial/residential DC grids) • Industry and SMEs in the fields of components, systems and devices for energy systems as well as software (services) • Universities and research institutes
TRL	TRL jump of 1-2 classes
Budget	Budget of 10 M€: 2-3 projects shall be funded with 2 - 4 M€ each. Projects addressing planning and markets are expected in the range of 1 - 2 M€



Domain

HVDC, MVDC and LVDC deployment

Offshore, onshore, for energy island integration, pure DC and hybrid AC/DC grids, industrial/residential DC grids



Objective

Accelerate deployment through the development of **enabling and supporting tools**



Call main focus

R&D projects dedicated to technological development and system integration, covering research and innovation gaps with special reference to coordination and integration of meshed HVDC systems and hybrid AC/DC grids at all voltage levels



CETPartnership and Mission Innovation GPFM Joint Call Module

CM2023-02 Energy system flexibility: renewables production, storage and system integration



Call module developed with

- Mission Innovation **Green Powered Future Mission**
- **TRI 1** and **TRI 2** experts and Partners



This Call Module brings **the contribution of CETPartnership at a global level** and gives a **global dimension to funded projects**, which will benefit from work and exchange with project partners from different world regions



Domain

11 GPFM Innovation Priorities clustered into 5 R&I themes:

1. Large-scale renewable generation and system flexibility and reliability
2. Energy storage technologies and systems for flexibility services
3. System integration and flexible operations
4. Innovative flexibility sources and flexibility markets
5. Energy data management and security



Objective

Address key aspects to accelerate the uptake of highly innovative replicable and scalable solutions, preferably built on top of existing initiatives or assets



Call main focus

R&D projects dedicated to technological development, system integration, digitalization, standardisation relevant to the Innovation Priority themes of the 18 Module Domain

Target groups

- Private/regulated sector actors such as
- system operators
 - SMEs and spin-off companies
 - Research Technology Organisations (RTOs)

TRL

Start from TRL ≥3
Achieve TRL 5-6

Budget

A contribution ranging from 0.5 to 1.5 M€ would allow to co-fund sound project proposals

Challenge 2: Enhanced zero emission Power Technologies

Call topics 2 and 3



Leading expert

Francesco Basile, University of Bologna, IT

TRI2: Call Module 03A/03B

CM2023-03A calls for ROA (Research-Oriented Approach) projects targeting TRL4 or above

CM2023-03B calls for IOA (Innovation-Oriented Approach) projects targeting TRL6 or above

Expected Impact (03A/03B)

- Address zero emission power production technologies; Bio Energy, CSP, Ocean, Off-shore, PV, and Wind
- Integrating different RE power production technologies
- Coupling/hybridizing RE technologies (co-generation of power and other energy carriers)
- Increase the energy conversion efficiency
- Increase technology performance and/or lifetime
- Develop innovative technologies and components
- Decrease investment cost and LCOE and/or improve the overall economics
- Demonstrate the feasibility of scaling up
- Demonstrate the technology in different geophysical/weather conditions
- Reduce environmental impact or improve multiple use of occupied land surface / or maritime space
- Minimize the use of critical raw materials (CRM) and/or apply circularity-by-design approaches



CM2023-03A/03B: technology areas (not prescriptive)

Bioenergy for power generation

- High efficiency biomass (co)generation of power with improved performance and higher share of power production ratio, using residues and wastes as feedstocks, and with negative carbon emission
- Integrated CHP systems enhancing annual total efficiency and power capacity factor and negative carbon emission

Concentrated solar power (CSP) / solar thermal energy (STE)

- Line-focus solar power plants technology: Component development, process innovation and cost optimisation for molten salts systems; Solar collector fields with silicone oil as heat transfer fluid (HTF)
- Central Receiver power plants technology (concepts, materials and components): optimisation of central receiver molten-salt technology; Solar tower with particle receiver technology
- Turbo-machinery developed for specific conditions of solar thermal power plants: expansion turbine technologies for advanced CSP power blocks or supercritical CO₂ cycles
- **Cross-cutting issues:** Digitalisation of CSP plants; Innovative coatings for CSP mirrors

Ocean energy

- Dry-testing of power take-off for wave energy devices to debug, improve, stabilise, fine-tune and optimise wave energy devices before offshore operations
- Tidal blades: Improving the survivability and efficiency of tidal blades to enhance performance and reliability of the device
- Connection systems: Reduce the cost of connection and cabling systems, as well as maintenance requirements and costs
- Innovative solution such as salinity gradient energy

CM2023-03A/03B: technology areas (not prescriptive)

Offshore renewables (marine renewables, floating wind/PV, etc.)

- New materials or novel applications of existing materials for moorings, foundations and components: Materials with improved fatigue, damping, stiffness, bio-fouling management or other cost-reducing characteristics
- Mooring and connections: Improved moorings, foundations, connections and cabling systems; Dynamic cable repair solutions
- O&M: innovative solutions to reduce costs of operations and maintenance
- Site-specific marine observation, modelling and forecasting: marine / meteorological data to improve performance, reliability, availability of offshore renewables through better design and efficient operations

Solar photovoltaics

- Performance Enhancement and Cost Reduction through Advanced PV Technologies: Perovskite / Silicon Tandem-Solar cells and modules / Thin film cells etc.
- Lifetime, Reliability and Sustainability advanced PV technologies, manufacturing and applications: Low environmental impact materials, processes, products
- Digitalisation for O&M: advanced data analytics, digital twin of assets and components, predictive maintenance
- New Applications through Integration of PV: Agrovoltaic and landscape integration; Floating PV; IIPV-Infrastructure Integrated PV; Low power PV

CM2023-03A/03B: technology areas (not prescriptive)

Wind energy (offshore and onshore)

- Next generation of wind turbine technology: cost-efficient, energy-efficient, low environmental impact, scalable wind energy converters and turbines
- Atmospheric modelling: Improved understanding of atmospheric and wind power plant flow physics; Predicting environmental parameters
- Digital twins for turbine and for optimised wind energy applications
- O&M: solutions/digital solutions for wind energy operation, maintenance & installation
- Landscape integration of wind energy in the natural and social environment

Hybrid-RES solutions

- Site integration optimisation: PV+CSP; PV+Wind, CSP-Wind, Ocean-Wind, etc.
- Integration with storage: Optimise RE power production, site and technology integration with energy storage
- Hybrid systems: Combined electricity generation with heat or other energy carriers in hybrid systems (PVT, PV-Hydrogen, CSP-ST)

TRL

CM 03A - ROA: research and innovation action (final TRL \geq 4)

CM 03B - IOA: Innovation action (final TRL \geq 6)

Challenge 3: Enabling Climate Neutrality with Storage Technologies, Renewable Fuels and CCUS

Call topics 4 and 5



Leading Expert

Aage Stangenland, RCN,NO



Leading Expert

Isabel Cabrita, FCT, PT

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

✉ tri3@cetpartnership.eu



Objectives

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

Scope

- CO₂ capture from energy intensive industry
- Advancing low-cost CO₂ capture
- Transport and injection of CO₂
- CO₂ storage sites
- Enabling CCUS technologies
- 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

- Eligible partners from at least three CETP-countries
- Demonstrate the interest of industry 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.



CM2023-05: 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>	<p>International projects targeting technological solutions for end users:</p> <ul style="list-style-type: none">• New or improved processes for hydrogen production (green and blue hydrogen).• Storage of hydrogen through ammonia or other hydrogen liquid carriers.• Hydrogen infrastructure and distribution aspects.• Production of renewable fuels with low or zero carbon footprint (biofuels or synthetic fuels).• End-use technologies using hydrogen or renewable fuels.	<p>Renewable fuels and the deployment of the hydrogen society will be important contributions to climate neutrality by 2050.</p>
<p>Project consortia</p>	<ul style="list-style-type: none">• Eligible partners from at least three CETP-countries• Research organisation, higher education institutions and industry, public and private organisations, associations, and NGOs are also welcome to be involved.	<p>TRL</p> <ul style="list-style-type: none">• Projects should aim at TRL 5-9.• Parts of projects may address lower TRL.



R&D Areas

HYDROGEN

- **New or improved processes for hydrogen production**
 - ○ from water - new electrolysis concepts
 - Alternative processes to electrolysis
 - blue hydrogen or hydrogen obtained from biomass or other resources (waste...), potentially coupled with CCS, including their integration with other processes like electrolysis
- **Storage of hydrogen through ammonia or other hydrogen liquid carriers**
- **Infrastructure and distribution aspects, including pipeline reuse and cost competitive materials for pipelines**
- **End-use applications**

RENEWABLE FUELS

- **New or improved conversion processes**
 - using different types of feedstocks
 - **New or improved upgrading technologies**
 - Such as for biomethane production
- **New or improved cost-efficient methanation technologies**
- **New fuels for marine engines, aviation (SAF's) and heat and power generation**
- **Renewable ammonia**
 - cost-effective production technologies using different types of feedstock

END-USE TECHNOLOGIES

- FCEV heavy duty, long-distance road transport vehicles
- FCEV locomotives
- FC off-road vehicles and mobile machinery (e.g. mining)
- Waterborne applications of hydrogen and renewable fuels
- New and innovative combustion concepts to substitute fossil fuels use in industry
- Combined heat and power systems with less than 30% output coming from electricity
- Stationary residential use
- Sustainable mobility (marine and aviation)

Challenge 4: Efficient zero emission Heating and Cooling Solutions

Call topics 6 and 7



Leading Expert

Gerdi Breembroek, Netherlands Enterprise Agency (RVO), NL

CM2023-06: Heating and cooling technologies

✉ tri4@cetpartnership.eu

Objectives

- Provide **enhanced and improved heating and cooling technologies** and systems for all major parts or climate zones of Europe by 2030 to enable 100% climate-neutral heating and cooling by 2050
- Geothermal energy: module 7
- Relaunch 2022

Scope

Technological solutions, for all end users including industry:

- Heat and cold sources
- Thermal storage
- Heating and cooling networks and conversion
- End-use systems

Expected impact

- Cost reduction and/or
- Increase in competitive market opportunities and/or
- Increase in environmental protection
- Innovations impacting societal acceptability, safety, and/or circularity are also within scope.

Consortia

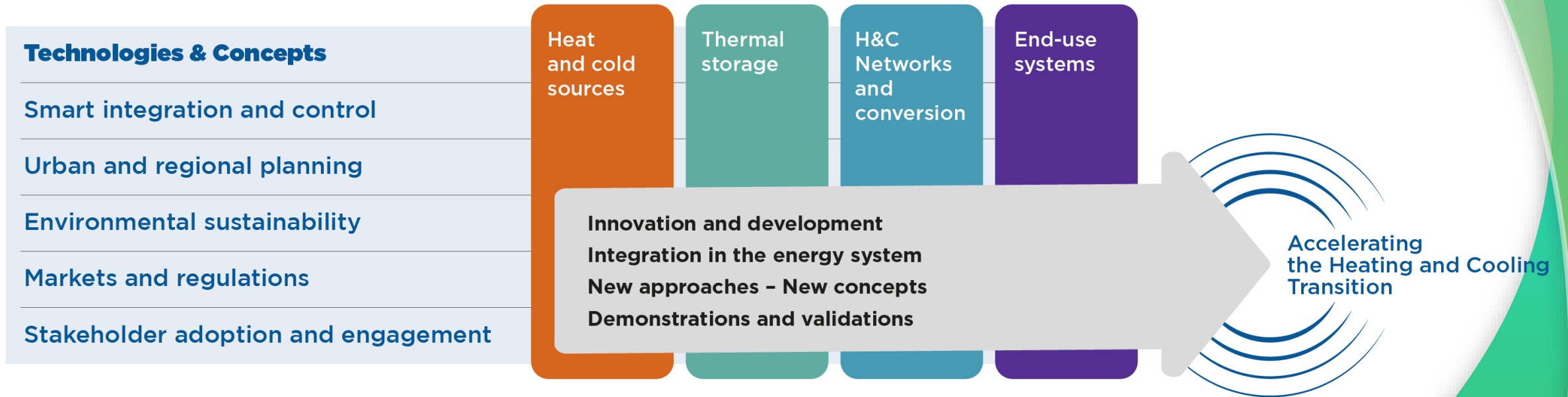
Private sector and research organisations

TRL

4-8

CM2023-06: Heating and cooling technologies

 tri4@cetpartnership.eu



CM2023-07: Geothermal energy technologies

✉ tri4@cetpartnership.eu

Objectives

- Enable a broad range of geothermal energy-related innovation, development, and research projects, for heating and cooling, power generation, underground thermal energy storage (UTES), and the co-production of geothermal minerals.
- Relaunch GEOTHERMICA-2

Scope

- Research and innovation for the geothermal production chain:
- Identification and assessment
 - Resource development
 - Operation and integration in the energy system

Expected impact

- Cost reduction and/or
- Increase in competitive market opportunities and/or
- Increase in environmental protection
- Innovations impacting societal acceptability, safety, and/or circularity are also within scope.

Consortia

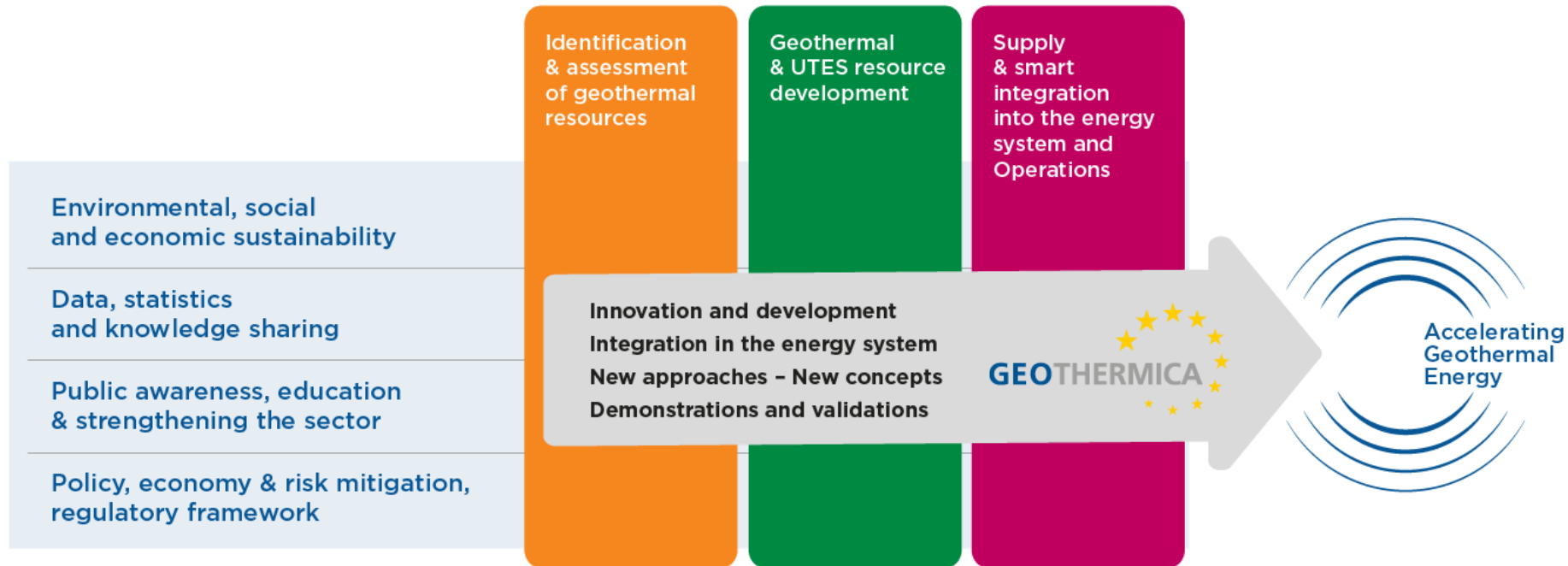
Private sector and research organisations

TRL

4-8

CM2023-07: Geothermal energy technologies

✉ tri4@cetpartnership.eu



Challenge 5: Integrated Regional Energy Systems

Call topic 8



Leading Expert

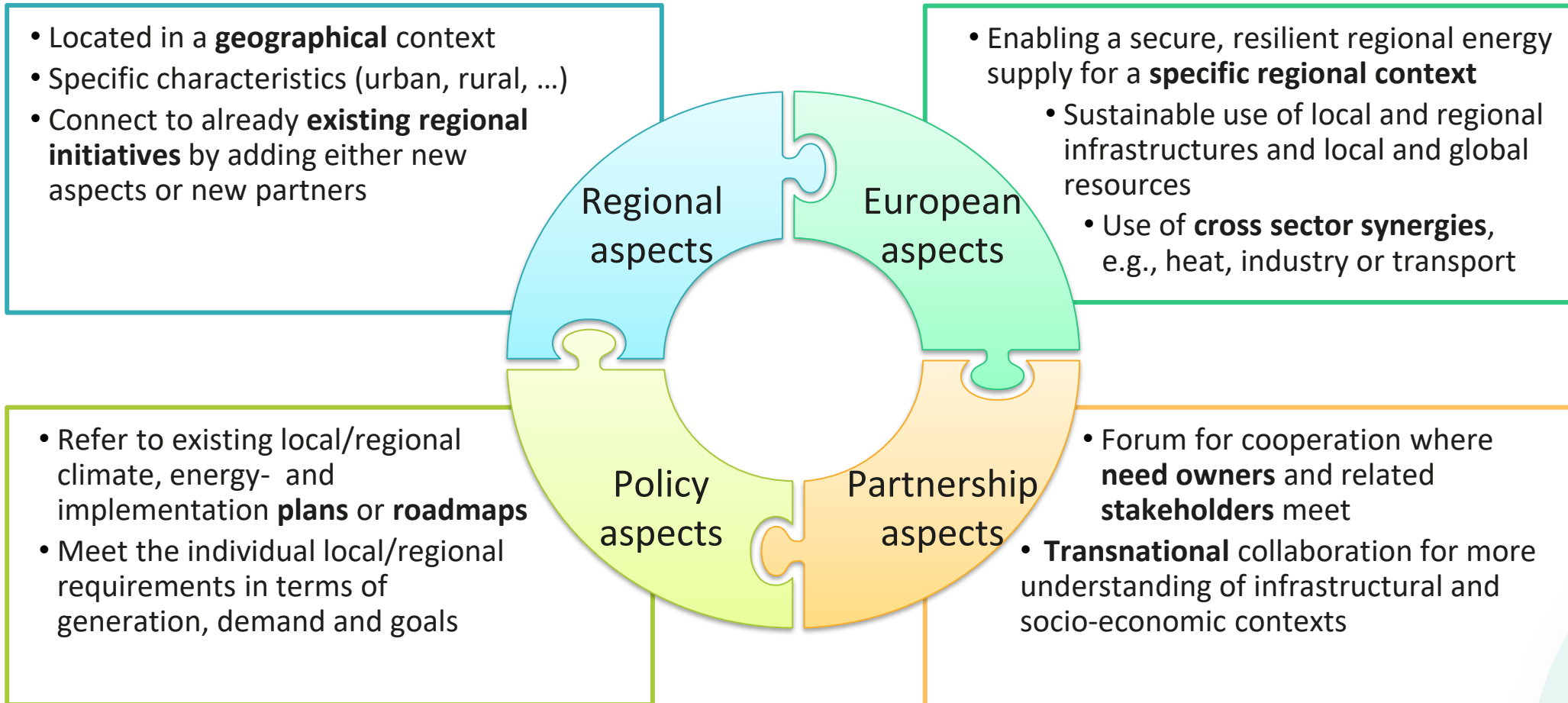
Kristina Starborg, SWEA, SE



Leading Expert

Tina Ringenson, SWEA, SE

CM2023-08 Integrated regional energy systems



CM2023-08 Integrated regional energy systems

Webinar and matchmaking event tomorrow, September 14th!
CEST 13:30-15:30

<https://cetpartnership.eu/webinar-cm08-integrated-regional-energy-systems>

tri5@cetpartnership.eu

Challenge 6: Integrated Industrial Energy Systems

Call topic 9



Leading Expert

Fredrik Backmann, SWEA, SE

CM2023-09: Integrated industrial energy systems



tri6@cetpartnership.eu

Objectives

Support and link R & I between different actors with focus on existing needs/problems within industry.

Solutions for system- and process-level integrations for efficient industrial power, heating, and cooling.

TRI6 focus specifically on integrated solutions across industries, and across energy sectors.

Scope

International projects targeting industrial systems solutions for end users. Industrial energy systems integrated with local, regional, national heat and power networks as well as linked with renewable hydrogen utilisation and CCU
Challenges:

1. reducing the industry's process-related greenhouse gas emissions
2. develop new processes that improve sector coupling between industrial energy systems and the energy system
3. removing industrial greenhouse gas emissions from the carbon cycle

Expected impact

Many technologies are developed and ready for use (or close to) but integrating these technologies into industrial processes on a system level is lacking (Changed processes).

Efficient carbon-neutral industrial production sites with industrial energy systems as part of the entire energy system, accelerating energy transition.

Project consortia

Research organisation, higher education institutions and industry (small and large private companies). Public and private organisations, associations and NGOs are also welcome to be involved.

TRL

Projects should aim at TRL 3-7.
Parts of projects (e.g. one WP or a certain task) may address lower TRL.

CM2023-09: Integrated industrial energy systems

 tri6@cetpartnership.eu

1 Call module with industrial process focus:

The module will support the challenges in REPowerEU plan by focusing on topics that contribute to one or more of the following areas in line with the plan:

- Energy and resource efficiency.
- Substituting fossil fuels as an energy source in industrial processes thereby accelerating Europe's clean energy transition.

Challenge 7: Integration in the Built Environment

Call topic 10



Leading Expert

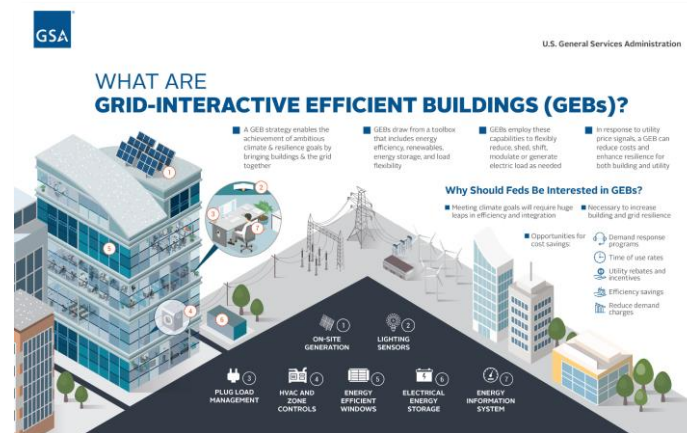
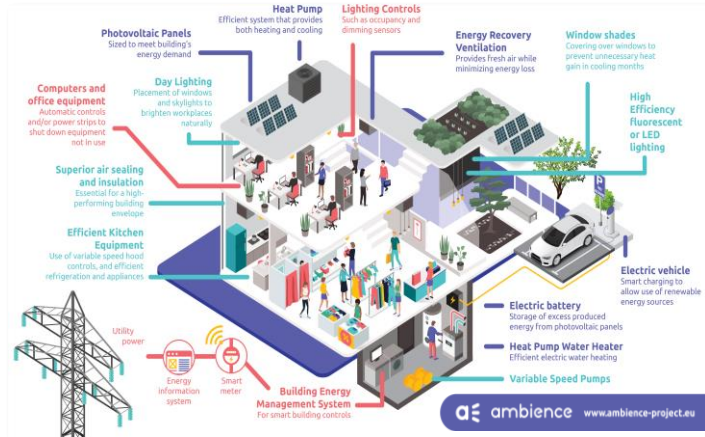
Stefan Nowak, NET Nowak Energy & Technology, CH

CM2023-10A/10B Clean energy integration in the built environment

✉ tri7@cetpartnership.eu

Objectives	Scope	Expected impact
<p>Two call modules (ROA / IOA)</p> <ul style="list-style-type: none"> To develop and enable the integration of new efficient energy solutions for/in buildings/the built environment, covering generation, use, storage, grids and mobility. To focus on the physical, technical, aesthetical and digital integration of clean energy conversion technologies for power, heat and cold. 	<p>To transform buildings / the built environment from a passive towards an active role in the future energy landscape, along two challenges:</p> <ul style="list-style-type: none"> Integration of renewable energy conversion technologies for power, heat and cold Digitalization of planning, constructing, commissioning and operation 	<p>Based on the projects and their results:</p> <ul style="list-style-type: none"> Validated solutions that can be taken to the next level (research and innovation activities) Adoption of proven solutions by the building community (e.g. architects, engineers, installers, building industry as well as regulators and standards)
<p>Project consortia</p>	<p>Energy, building and construction research (public and private research organisations, higher education institutions, etc.) and private industry (SMEs, large companies, etc.)</p>	
<p>TRL</p>	<p>ROA: research and innovation action (final TRL ≥ 4) IOA: Innovation action (final TRL ≥ 6)</p>	

Identifying the focus of TRI 7



Individual Technologies

Integration in Buildings

Areal Concepts

TRI 7:

- Focus on the Interface
- Address Building / Built Environment Perspective
- Emphasis on Integration

Building / built environment typologies

- Existing and new buildings
- Residential and non-residential, public and private buildings
- Old, historical and special buildings
- Service, mobility and logistics infrastructure

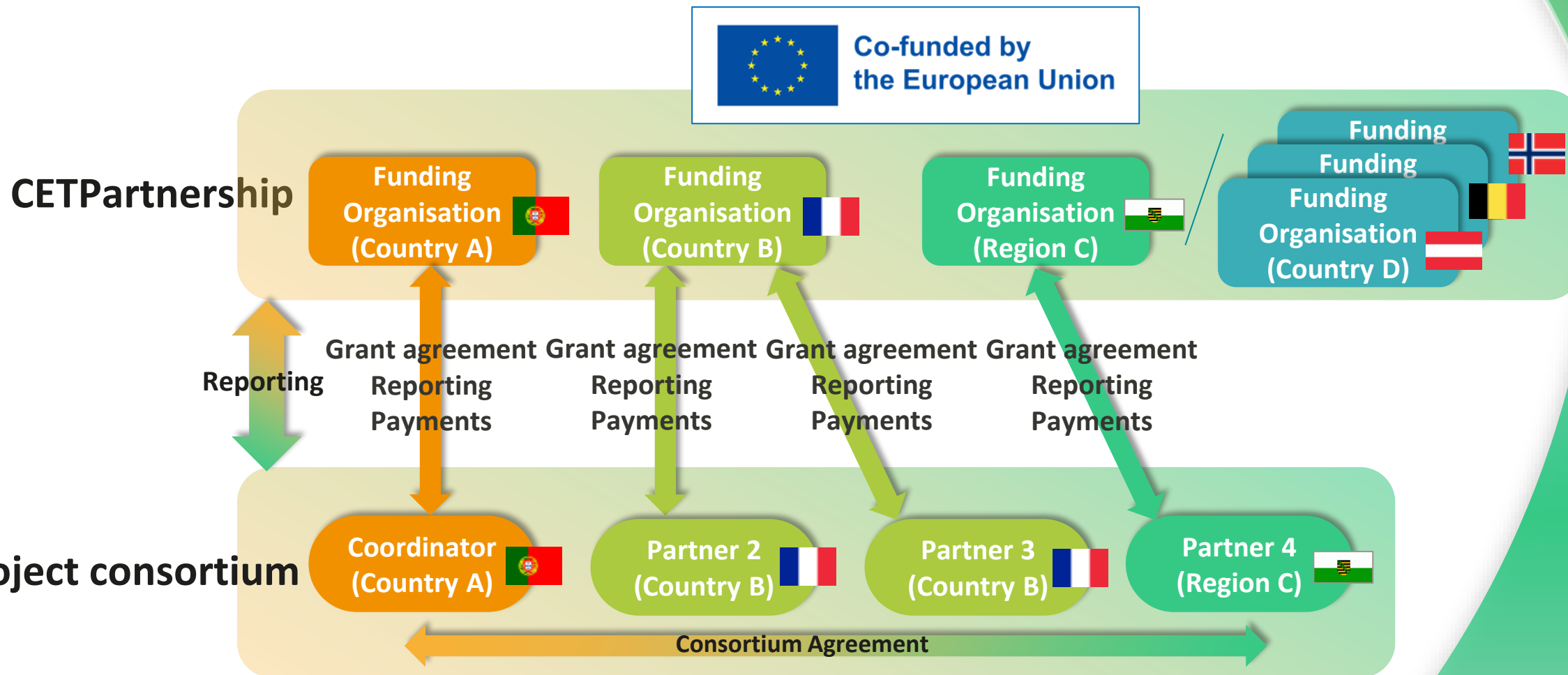
CETPartnership Joint Call 2023

Transnational & national guidelines

Joint Call 2023 overview

- A total Call budget of over € 127 million from almost 50 national/regional Funding Organisations plus additional funding from the European Commission
- Funding Organisations can fund entities based in their country/region. Funding arrangements will be made directly between the project partners and their national/regional Funding Organisation.
- Different Funding Organisations have different national/regional requirements and fund different Call Modules, see Annex C.

Funding arrangements



Eligibility criteria/requirements

- Transnational eligibility criteria (see Chapter 4)
- Call Module requirements (see Chapter 8)
- National/regional requirements (separate submission may be needed, see Annex B)

Eligibility check will be performed by Call Management, TRIs and Funding Organisations in both proposal stages.

Transnational eligibility criteria

- 1 Submission on [CETPartnership Submission Platform](#) before **deadlines** using **templates**
- 2 **≥3 independent entities** applying for funding from **≥3 countries participating in the Call** (≥2 EU Member States or Horizon Europe Associated Countries)
- 3 **Maximum 60%** of the total project efforts (PMs) for one Project Consortium Partner
- 4 **Maximum 75%** of the total project efforts (PMs) from one country/region
- 5 Not from the CETPartnership members/Funding Organisations
- 6 Project start before **15 December 2024**
- 7 Project duration **36 months** maximum
- 8 Work package called **Reporting and Knowledge Community** included

Project consortia

- A project consortium may consist of following legal entities:
 - A Coordinator: cannot be changed before the funding decision
 - Beneficiary Partners: participating with funding from the Call
 - Self-financed Partner(s): participating from any country without applying for funding in the Call
- Associated Project Partner(s) may participate without declaring their costs, nor applying for funding in the Call
- Specific Call Module and/or national/regional requirements may apply
- Minor changes in the project consortium may be accepted between the pre-proposal and the full proposal (see Subsection 6.2.1)

Participating Funding Organisations

 Austria	Austrian Research Promotion Agency (FFG)
 Belgium	Fonds Innoveren en Ondernemen (FIO)
 Belgium	Service Public de Wallonie (SPW)
 Canada	Emissions Reduction Alberta (ERA)
 Cyprus	Research and Innovation Foundation (RIF)
 Czech Republic	Technology Agency of the Czech Republic (TA CR)
 Denmark	Energy Technology Development and Demonstration Programme (EUDP)
 Denmark	Innovation Fund Denmark (IFD)
 Estonia	Estonian Research Council (ETAg)
 Estonia	Ministry of Economic Affairs and Communications (MKM)


 Finland	Innovaatorahoituskeskus Business Finland (BF)
 France	Agence de la Transition Écologique (ADEME)
 France	Agence Nationale de la Recherche (ANR)
 France	Pays de la Loire Region Council (RPL)
 Germany	Forschungszentrum Jülich – Projektträger Jülich on behalf of BMWK (PtJ (BMWK))
 Germany	Forschungszentrum Jülich – Projektträger Jülich on behalf of MWIKE (PtJ (MWIKE))
 Germany	Saxon State Ministry for Science, Culture and Tourism (SMWK)
 Greece	General Secretariat for Research and Innovation (GSRI)
 Hungary	National Research, Development and Innovation Office (NKFIH)
 Iceland	The Icelandic Centre for Research (RANNIS)

 India	Ministry of Science & Technology, Government of India (DST)
 Ireland	Geological Survey Ireland (GSI)
 Ireland	Sustainable Energy Authority of Ireland (SEAI)
 Israel	Ministry of Energy (MoE)
 Italy	Ministero dell'Università e della Ricerca (MUR)
 Italy	Ministry of Economic Development (MIMIT)
 Latvia	Latvian Council of Science (LZP)
 Lithuania	Ministry of Energy of the Republic of Lithuania (ENMIN LITHUANIA)
 Malta	Malta Council for Science and Technology (MCST)
 Netherlands	Dutch Research Council (NWO)
 Netherlands	Netherlands Enterprise Agency (RVO)
 Norway	The Research Council of Norway (RCN)

 Poland	National Centre for Research and Development (NCBR)
 Portugal	Fundaç�o para a Ci�ncia e a Tecnologia (FCT)
 Romania	Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI)
 Spain	Agencia Estatal de Investigaci�n (AEI)
 Spain	Centre for the Development of Technology and Innovation (CDTI)
 Spain	Departamento de Desarrollo Econ�mico, Sostenibilidad y Medio Ambiente. Eusko Jaurlaritz-Gobierno Vasco (EUSKADI)
 Spain	Ente Vasco de la Energ�a (EVE)
 Spain	Fundaci�n para el Fomento en Asturias de la Investigaci�n Cient�fica Aplicada y la Tecnolog�a / Agencia de Ciencia, Competitividad Empresarial e Innovaci�n Asturiana (FICYT / SEKUENS)

 Spain	Regional Development Agency of Cantabria (SODERCAN)
 Sweden	Swedish Energy Agency (SWEA)
 Switzerland	Swiss Federal Office of Energy (SFOE)
 Switzerland	Swiss National Science Foundation (SNSF)
 Tunisia	Ministry of Higher Education and Scientific Research (MHESR)
 T�rkiye	The Scientific and Technological Research Council of T�rkiye (TUBITAK)
 United Kingdom	Scottish Enterprise (SE)
 United States	Department of Energy (DOE)

Proposal submission

- Transnational submission on the Submission Platform
 - Pre-proposal stage (Stage 1): from a project consortium to one Call Module
 - Full proposal stage (Steg 2): from an invited project consortium to the same Call Module
- 
- National/regional submission
 - Some national/regional Funding Organisations require additional submission on national/regional level, see Annex B

CETPartnership Joint Call 2023

How to submit your proposal

SUBMISSION SYSTEM: ENTRY PAGE

<https://cetp-submission.mur.gov.it/>



SUBMISSION PLATFORM

Login PRE-PROPOSAL

Login FULL-PROPOSAL

EVALUATORS & FUNDING AGENCIES

Login Evaluation Platform

WELCOME TO THE CETPARTNERSHIP JOINT CALL 2022

The CETPartnership launches its **first transnational Joint Call** (JC2022) on solutions and technologies to enable and accelerate the Clean Energy Transition.

The CETPartnership Joint Call 2022 is participated by **45 national/regional Funding Agencies** from 27 EU Member States and Associated Countries to Horizon Europe: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Latvia, Lithuania, Malta, The Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Türkiye, United Kingdom; and 3 international partners from: Canada (Alberta), Switzerland and the United States of America, for a **total budget of over 140 M€**.

The CETPartnership Joint Call 2022 is a **2-stage call** structured in 11 Call modules addressing specific topics, challenges or technologies.

The pre-proposal stage closed on 23rd November 2022 (14:00 CET).

The **full proposal stage** for projects passing to the second stage is open from **27th January 2023** (h 12:00 CET) to **27th March 2023** (h 14:00 CEST).

Sign in to your account

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New user? [Register](#)

Register

First name

Last name

Email

Password

Confirm password

[Back to Login](#)

[Register](#)

- SIGN IN if you are already registered in the platform
- REGISTER a new account if you are a new user
- After the registration you receive an email to verify the account
- Please note that the verification link expires in a few minutes

Applications

[Add](#) Add a new proposal or select one in progress

Code	Acronym	Role	Phase	Actions
CETP-2023-00012	TEST 1 MRN	Coordinator	Pre-proposal	

STEP 2: CREATE A PROPOSAL

Add

Home • CETP23 • CETP-2023-00020

! THE APPLICATION CANNOT BE SUBMITTED YET

Missing Fields Check

Mandatory Requirements Check

! ONE OR MORE MANDATORY FIELDS MISSING
You must complete all mandatory fields

IDENTIFY MISSING FIELDS

! ONE OR MORE CONSTRAINTS NOT FULFILLED
One or more fields do not comply with the constraints of the application

IDENTIFY CONSTRAINTS

Application Progress



CETP-2023-00020

Start date: 18/07/2023 12:30 Last edit: 12/09/2023 09:39:13 Submission Date: Expire date: 31/12/2023 23:59

Preview

Submit

Preproposal Submission Details

Steps

Submission PDF

STEP 3: INVITE PARTNERS



Application Progress

CETP-2023-00020

Start date: 18/07/2023 12:30 Last edit: 12/09/2023 09:39:13 Submission Date: Expire date: 31/12/2023 23:59

Preview

Submit

Preproposal Submission Details

Project Data

Partner Data - Coordinator

Invite partner

First name

Family name

E-Mail

Cancel

Invite partner

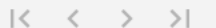
Partners

Invite partner

#	Role	Name	Organisation	Country	Status	Self-Funded	Actions
1	Coordinator	Maria Rachele NOCERA	MUR	n.d.	In progress	no	
2	Partner	Maria Rachele NOCERA	n.d.	n.d.	Pending	no	

Items per page: 5

1 - 2 of 2



INVITED PARTNER: notification



Maria Rachele NOCERA invited you to join a new proposal for CETP - Clean Energy Transition Partnership" Posta in arrivo x



noreply@cineca.it
a me ▾

09:43 (1 minuto fa) ☆

You have received an invitation

Maria Rachele NOCERA invited you to join a new proposal for CETP (Clean Energy Transition Partnership) 2023 call

Click this [link](#) to go to the application platform.



Home • CETP23 •

Applications

Add

Code	Acronym	Role	Phase	Actions
------	---------	------	-------	---------

INVITED PARTNER: notification

12/09/23, 09:43

You have received an invitation!
Maria Rachele NOCERA invites you to join a new proposal.

Show All

Home • CETP23 •

Notifications

A|

Project Data

Steps

- General Details Open
- Call Module and Description Open
- DNSH Open
- Additional Partner Information Open

Partner Data - Partner 2

Steps

- Principal Investigator Details Open
- Organisation Details Open
- Funding Open
- Team Member(s) Open

Partners

#	Role	Name	Organisation	Country	Status	Self-Funded	Actions
1	Coordinator	Maria Rachele NOCERA	MUR	n.d.	In progress	no	
2	Partner	Maria Rachele NOCERA	n.d.	n.d.	In progress	no	

STEP 4: FILL IN THE PROPOSAL

Project Data

Steps

- General Details Open
- Call Module and Description Open
- DNSH Open

Partner Data - Partner 2

Steps

- Principal Investigator Details Open
- Organisation Details Open
- Funding Open

[Home](#) • [CETP23](#) • [CETP-2023-00020](#) • [General Details](#) •

[← Back to dashboard](#)

[☰ Chiudi Sidebar](#)

PROJECT DATA

GENERAL DETAILS

CALL MODULE AND DESCRIPTION

DNSH

ADDITIONAL PARTNER INFORMATION

General Details



Project short name/acronym *

TESTcETP2



Project title*

Demo test submission system 2023M

The abstract must include the a) general objectives of the project (strategic, commercial, etc.); b) scientific and/or technological aims of the project; c) relevance to the call.



Project abstract*

STEP 4: FILL IN THE PROPOSAL – PIC NUMBER

← Back to dashboard

☰ Chiudi Sidebar

PARTNER DATA - PARTNER 2

PRINCIPAL INVESTIGATOR DETAILS

ORGANISATION DETAILS

FUNDING

TEAM MEMBER(S)

Organisation Details

Participant Identification Code (PIC)

9-digit number serving as a unique identifier for organisations (legal entities) participating in EU funding programmes/procurements. A search tool for organisations and their PICs is available at [Participant Register PIC](#)

After inserting the PIC press the save button at the end of the page to pre-fill the forms



*

Legal full name of the research organisation / company*

Short name (acronym) of the research organisation/Company*

Status: Private or Public?*

Small or medium-sized enterprise (SME status)*



Participant organisation type*

Statistical Classification of Economic Activities (NACE)

STEP 5: VALIDATION AND SUBMISSION

Missing Fields Check



ONE OR MORE MANDATORY FIELDS MISSING

You must complete all mandatory fields

IDENTIFY MISSING FIELDS



ONE OR MORE CONSTRAINTS NOT FULFILLED

One or more fields do not comply with the constraints of the application

IDENTIFY CONSTRAINTS

Application Progress

CETP-20

Preproposal

Steps

Submit

Project Data

Steps

General

Required Fields Missing

Partner Data > Principal Investigator Details

You missed title

Partner Data > Principal Investigator Details

You missed gender

Partner Data > Principal Investigator Details

You missed nationality

Partner Data > Principal Investigator Details

You missed phone

Partner Data > Principal Investigator Details

You missed organisation_employmentStatus

Partner Data > Principal Investigator Details

You missed organisation_employmentStatusFixed_duration_of_contract

Partner Data > Principal Investigator Details

You missed organisation_employmentStatusFixed_funding_body

Partner Data > Organisation Details

You missed organisation_PIC

Partner Data > Organisation Details

You missed organisation_name

Partner Data > Organisation Details

You missed organisation_status

Partner Data > Organisation Details

You missed organisation_size

Start date: 18/07/2023 12:30 Last edit: 12/09/2023 09:51:43 Submission Date: Expire date: 31/12/2023 23:59

Preview

Submit



Constraints Not Respected

- At least three partners non self-financed referred to three different countries must be invited to this proposal. Of these, at least two must be EU member or associated countries.

Ok

Application Progress

CETP-2023-00020

Start date: 18/07/2023 12:30 Last edit: 12/09/2023 09:51:43 Submission Date: Expire date: 31/12/2023 23:59

Preview

Submit

IT ISSUES? NO PANIC – CALL SUPPORT

CALL DOCUMENTS

PRE-PROPOSAL TEMPLATES

- Call Text
- National Requirements
- Amendment to Call Text
- Pre-proposal Template
- Preproposal Submission Guidelines

FULL PROPOSAL TEMPLATES

- Full Proposal Annotated Template
- Project Description Full Proposal Template
- Predefined Keywords List

CALL SECRETARIAT

- Maria Enge
- Aiko Nakano Hylander
- Jacob Munch
- Lise Nielson

callmanagement@cetpartnership.eu

IT SUPPORT

- IT Support

NEWS

27.03.2023: full proposal submission closed at 14:00 CEST.

27.01.2023: submission for proposals invited to the second stage (full proposal) is now open

27.01.2023: IMPORTANT! amendment to Call text regarding the “widening option” (integration of new partners from undersubscribed countries) published. Check it out in the Call Documents section.

23.11.2022: submission closed at 14h00 CET

22.11.2022: we are experiencing a platform instability that may affect some features of the submission system. The issue is being fixed.

18.11.2022: minor technical issues on submission system, due to a necessary platform update. Some proposals may experience errors.

14.11.2022: Spanish Funding Agency AEI National Requirements updated.

31.10.2022: Hungary National Requirements and Norway’s contacts updated. Check it out!

29.09.2022: USA DoE National Requirements available. Check the Call Text and the National Requirements

26.09.2022: updates on Denmark, Latvia and Portugal Funding Agencies. Check the Call Text

21.09.2022: addition of Romania’s National requirements. Check the National annexes

19.09.2022: updated funding budget for Ireland (GSI). Further updates for Norway and Poland. Check the National Requirements.

16.09.2022: Estonian Research Council (EtAG) National requirements published.

CETPartnership Joint Call 2023

Proposal evaluation

Proposal evaluation

- Performed for proposals fulfilling all the transnational eligibility criteria and Call Module requirements
- Performed by at least three independent evaluators according to the evaluation criteria:
 - Excellence (score 0, 1, 2, 3, 4 or 5)
 - Impact (score 0, 1, 2, 3, 4 or 5)
 - Quality and efficiency of the implementation (score 0, 1, 2, 3, 4 or 5)
- Has the cut-off at a score of <10 in total and <3 for each criterium
- Results in one ranking list per Call Module

Excellence

- Clarity and pertinence of the project's objectives, and the extent to which the proposed work is ambitious, and goes beyond the state-of-the-art.
- Soundness of the proposed methodology, including the underlying concepts, models, assumptions, inter-disciplinary approaches, appropriate consideration of the gender dimension in research and innovation content, and the quality of open science practices, including sharing and management of research and innovation outputs and engagement of citizens, civil society and end users where appropriate.

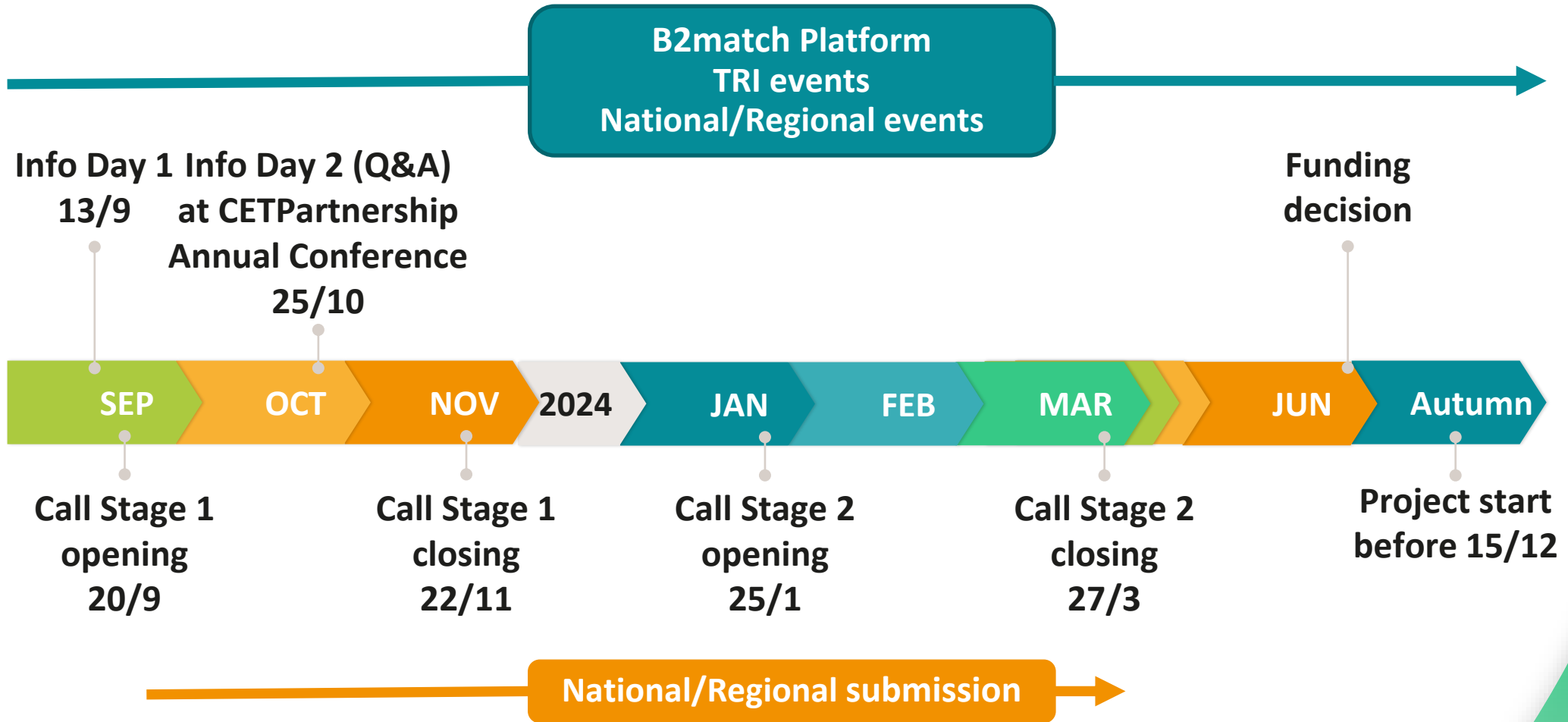
Impact

- Likely scale and significance of the expected outcomes and impacts including the added value of the transnational collaboration, and credibility of the pathways to achieve the expected outcomes and impacts specified in the work programme.
- Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities.
- Extent to which the project is relevant for the energy transition through appropriate involvement of end-users, need-owners and/or the private sector.

Quality and efficiency of the implementation

- Quality and effectiveness of the work plan, assessment of risks, and appropriateness of the effort assigned to work packages and the resources overall.
- Capacity and role of each participant, and extent to which the consortium as a whole brings together the necessary expertise.

Joint Call 2023 timeline



MATCHMAKING
Find your partners on the
matchmaking platform!

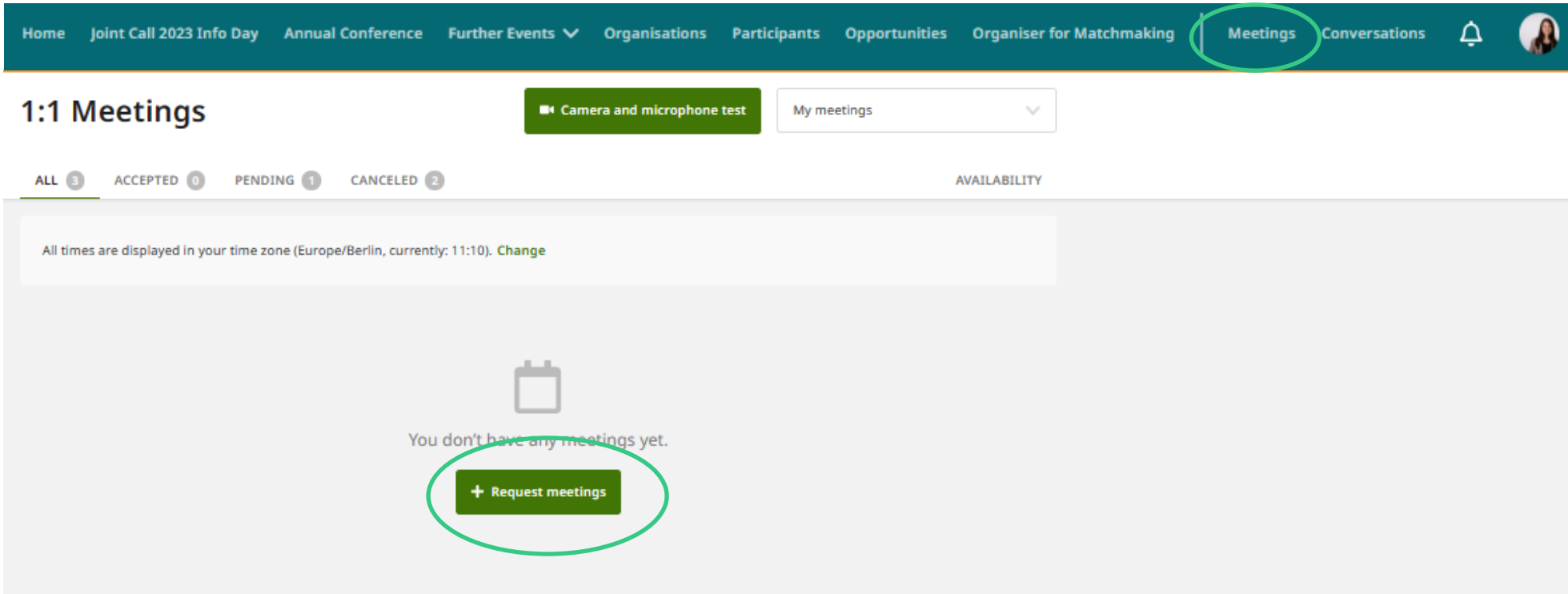
CETPartnership Event and Matchmaking Platform



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




How to find a match? – Step 1

- Go to “**Meetings**” and request meetings




Home Joint Call 2023 Info Day Annual Conference Further Events ▼ Organisations Participants Opportunities Organiser for Matchmaking **Meetings** Conversations  

1:1 Meetings

 Camera and microphone test

ALL **3** ACCEPTED **0** PENDING **1** CANCELED **2** AVAILABILITY

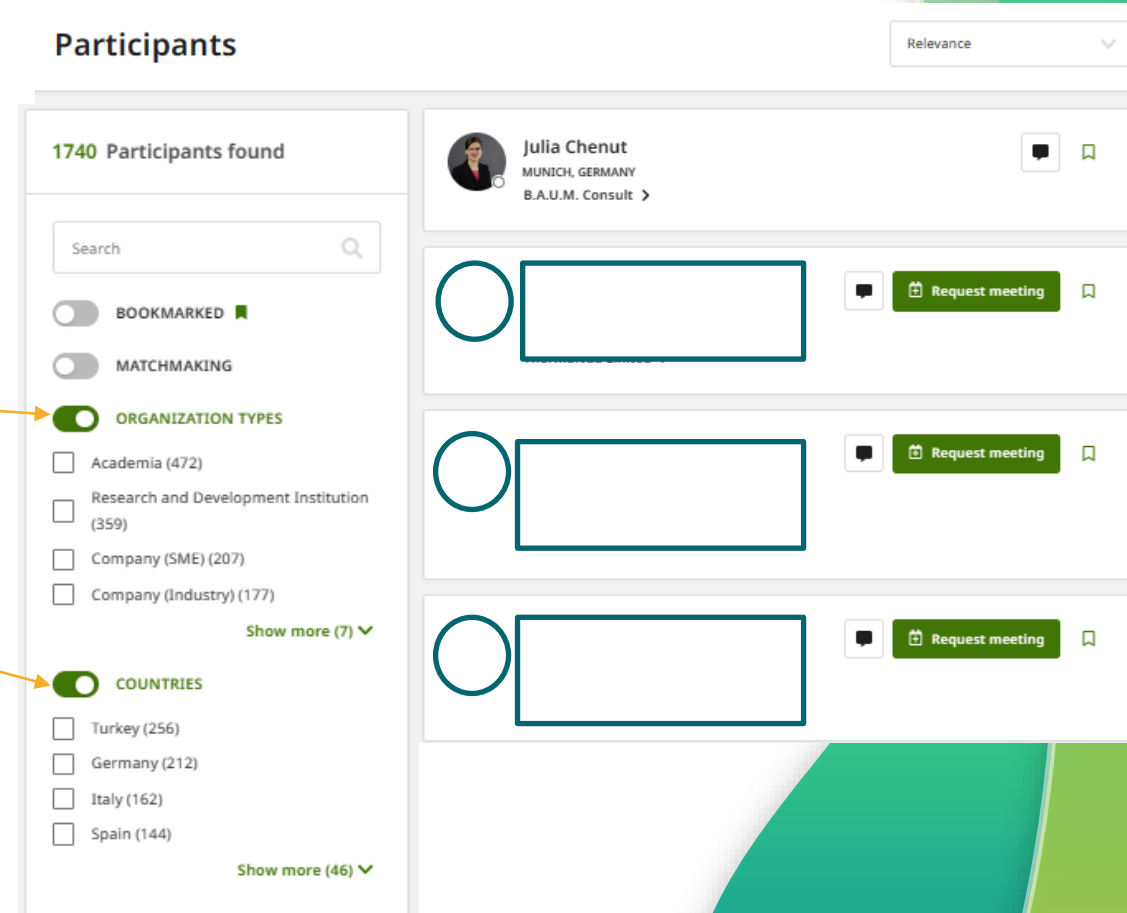
All times are displayed in your time zone (Europe/Berlin, currently: 11:10). [Change](#)


You don't have any meetings yet.

[+ Request meetings](#)

How to find a match? – Step 2

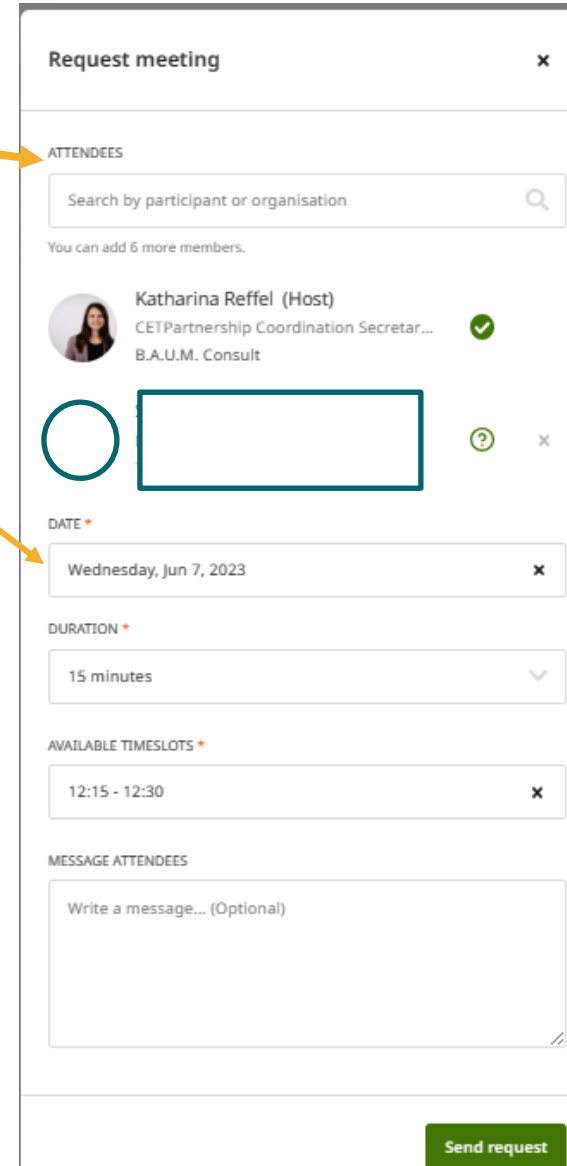
- After clicking on „request meeting“ you will see the **participants** list
- On the left you can filter participants by
 - Organization type
 - Countries
- Click on green button **“request meeting”**



The screenshot shows a 'Participants' page with a search bar and filter options on the left. The filters include 'BOOKMARKED', 'MATCHMAKING', 'ORGANIZATION TYPES', and 'COUNTRIES'. Under 'ORGANIZATION TYPES', there are checkboxes for 'Academia (472)', 'Research and Development Institution (359)', 'Company (SME) (207)', and 'Company (Industry) (177)'. Under 'COUNTRIES', there are checkboxes for 'Turkey (256)', 'Germany (212)', 'Italy (162)', and 'Spain (144)'. The main area displays a list of participants, with the first one being 'Julia Chenut' from 'MUNICH, GERMANY' at 'B.A.U.M. Consult'. Each participant entry includes a profile picture, a name, location, organization, and a green 'Request meeting' button.

How to find a match? – Step 3

- You can invite up to 6 further attendees
- You can **arrange meetings**
 - today until 6 pm CEST
 - OR send a meeting request for a specific date, time and duration
- other person will be informed via mail and need to accept your suggestion (automatic time zone consideration)





Request meeting x

ATTENDEES

Search by participant or organisation 🔍

You can add 6 more members.

 Katharina Reffel (Host)
CET Partnership Coordination Secretar... ✓
B.A.U.M. Consult

 ? x

DATE *
Wednesday, Jun 7, 2023 x

DURATION *
15 minutes v

AVAILABLE TIMESLOTS *
12:15 - 12:30 x

MESSAGE ATTENDEES

Write a message... (Optional)

Send request

Meeting overview

- To not lose sight you also have a **overview** about your meetings and its status.

1:1 Meetings Camera and microphone test My meetings

ALL 2 ACCEPTED 1 PENDING 1 CANCELED 0 AVAILABILITY

The meetings and sessions schedule is displayed in the Europe/Berlin time zone (the current time is 12:02). [Change](#)

Next meetings

[Redacted]

JC Julia Chenut, B.A.U.M. Consult GmbH 16:30 - 16:50
Wednesday, June 09
Online Video Meeting

MEETING SCHEDULED Cancel Reschedule Invite guests Starts in 4 hours

Received requests

[Redacted]

JC Julia Chenut, B.A.U.M. Consult GmbH 15:15 - 15:30
Friday, June 11
Online Video Meeting

MEETING INVITATION RECEIVED Cancel Reschedule Accept

Opportunities

Opportunities

Add an Opportunity

Opportunities

participants can add an opportunity for:

- project cooperation
- specific service

161 Opportunities found

Search

PROJECT COOPERATION (84)

TYPE

- R&D Partner (33)
- Technology Partner (22)
- Demonstrator (16)
- Validator/Living lab (14)

Show more (3) **v**

SERVICE (77)

TYPE

- Technology Partner (34)
- Validator/Living Lab (29)
- Project Conception and/or Coordination (24)
- R&D Partner (21)

Show more (4) **v**

PROJECT COOPERATION

Updated on September 11, 2023

Call for partners (TRI 7): Circular Industrialisa...

We are looking for partners to submit an Innovation proposal in TRI7 'Integration in the Build Environment'. We have expertise in the adaptation and implementation circular industrialisation throughout the entire value chain of the build environ...

Other Investor R&D Partner +3



Request meeting

PROJECT COOPERATION

Updated on September 11, 2023

IFE (Norway) as an attractive contributor to TRI1 Consortium

IFE are Looking for partners for TRI1

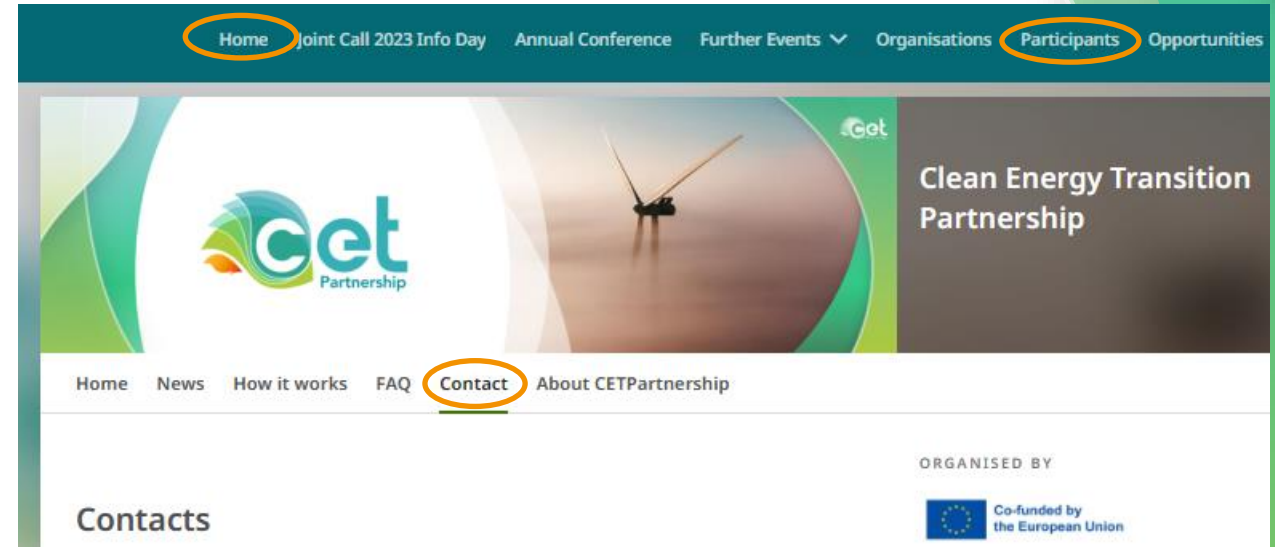
We do have in dept competence and large project portfolio on:

Energy system analysis from European level to custom level

Investor Consultant R&D Partner Technology Partner

Find the TRI offices on b2match under:

- **Home (Contact)**
- **Participants**
- TRI 1: Giuseppe Palazzo, RSE, IT
- TRI 2: Rachele Nocera, MUR, IT
- TRI 3: Aage Stangenland, RCN,NO; Isabel Cabrita, FCT, PT
- TRI 4: Alicja Wiktoria Stokłosa, GEORG
- TRI 5: Angela Berger, FFG, AT
- TRI 6: Tanja Suni, CLIC Innovation, FI
- TRI 7: Thomas Biel, NET Nowak Energy, CH



Contact for matchmaking

- You can also contact us via matchmaking@cetpartnership.eu
- Happy matchmaking!

Q&A SESSION

Q&A documentation is available on the [CETPartnership website](#)

Closing

- You are welcome to join our upcoming sessions:
 - 12:30 - 13:00 National Q&A sessions
 - 13:00 – 18:00 organise and hold individual matchmaking sessions for project consortia
- Participate in our [event survey](#): your feedback helps us to improve our events

Wednesday, September 13, 2023		
10:00 - 12:30	CETPartnership Joint Call 2023 Info Day	ONLINE
12:30 - 13:00	Austria: National Q&A Join Online Session	ONLINE
	Belgium, Flanders: National Q&A Join Online Session	ONLINE

Good bye and enjoy your matchmaking sessions

If you have questions on individual matchmaking sessions, please contact us via matchmaking@cetpartnership.eu

Individual Matchmaking Sessions