

# Joint Call 2022



General Aspects of the CETPartnership Joint Call 2022



# CETPartnership

CETPartnership

## 30+ Countries

EU Member States  
+ Associated Countries  
+ International Partners

## 50+ Funding Partners

Funding Agencies  
& Ministries

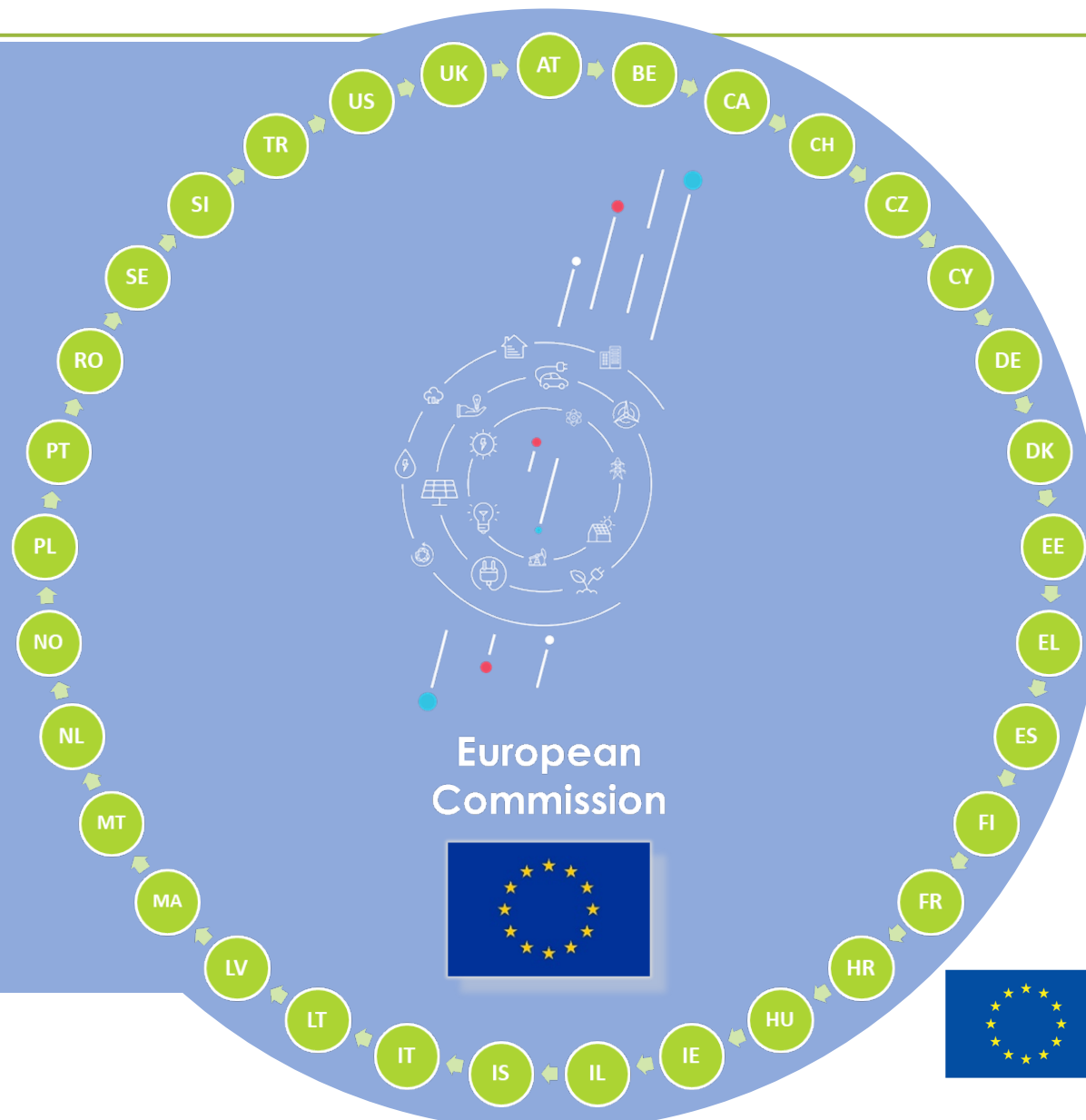
## 13 Coordination Units

Coordinators:  
Austrian Ministry of Climate Action  
Swedish Energy Agency

## Annual Joint Calls for RTDI Projects

100 – 130 Mio €/a  
2021 – 2027

EUROPEAN PARTNERSHIP



Co-funded by  
the European Union

# CETPartnership

CETPartnership

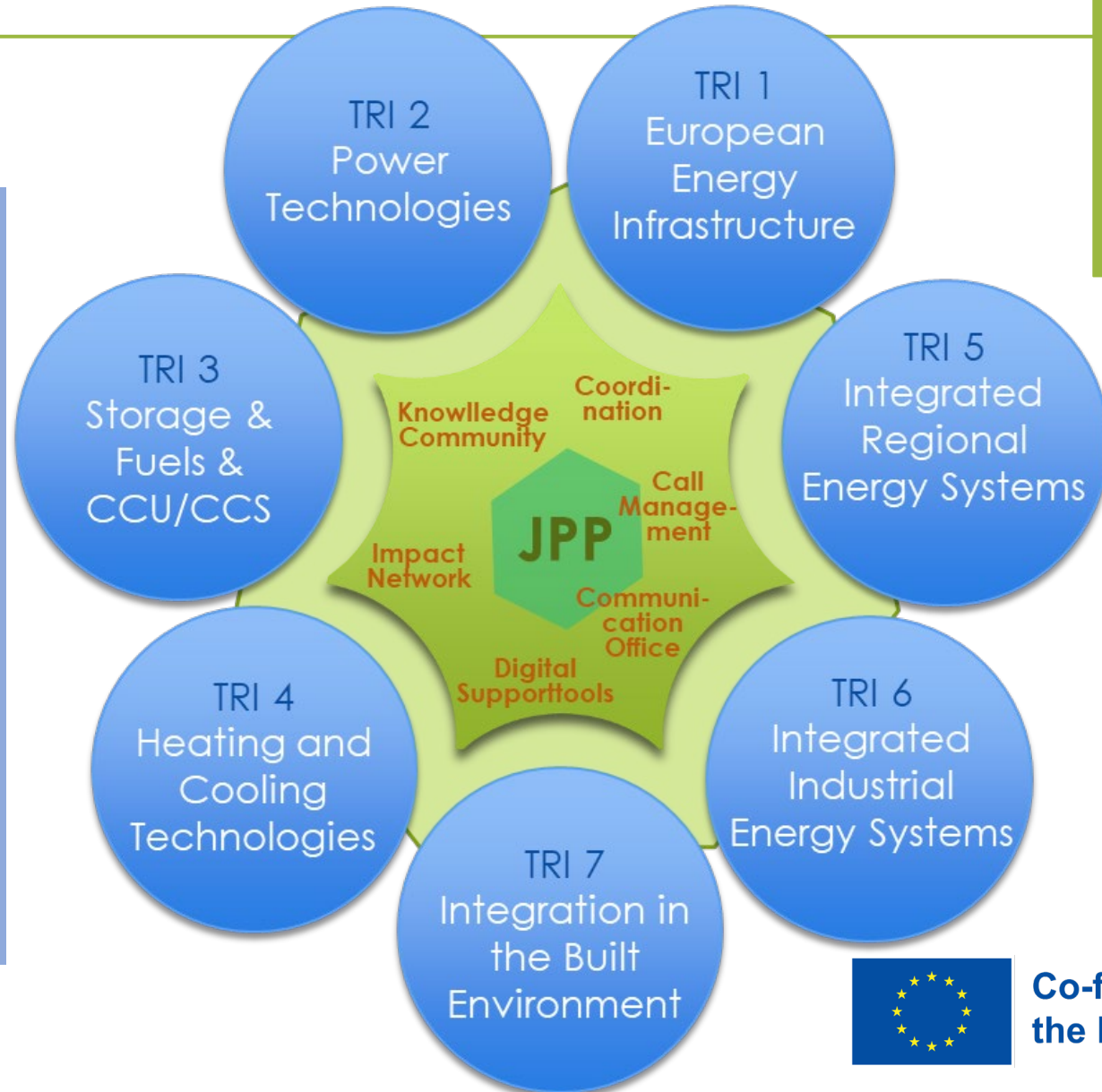
## A Joint Programming Platform

7 Thematic Families  
(Transition Initiatives)

1 Joint Call each year  
(Varyity of Topics - Call Modules)

1 Knowledge Community  
(incl. Crosscutting Aspects)

1 Impact Network  
(From Project to Impact)



EUROPEAN PARTNERSHIP



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# CETPartnership

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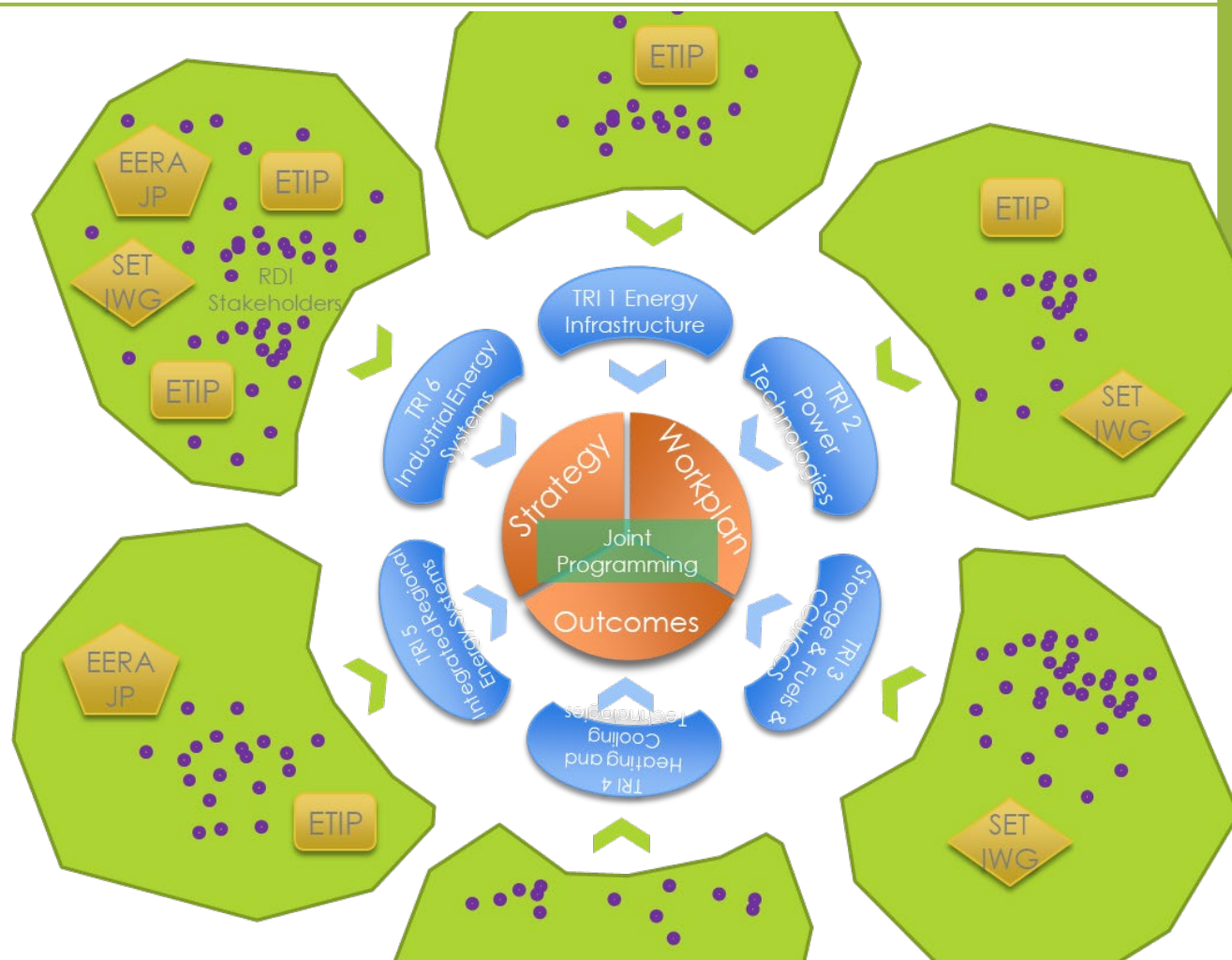
Linking ...

National & Regional  
Innovation Stakeholders and  
Need Owners

SET-Plan Initiatives

Other European Partnerships

Global RDI Networks



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# CETPartnership












Joint call  
2022  
Call  
Modules

## Joint Call 2022 Thematic structure

The CETPartnership Joint Call 2022, that was officially launched in **September 2022**, is structured into thematic modules.

Each CETPartnership Transition Initiative (TRI) has developed **Call modules** based on their strategic topics and content, allowing them to cover the whole spectrum of their specific SRIA challenges.

[Joint Call 2022 | CETPartnership](#)

 <p>TRI 1: Integrated Net-zero-emissions Energy System</p> <p>Call Module: TRI1 PowerPlanningTools</p>	 <p>TRI 1: Integrated Net-zero-emissions Energy System</p> <p>Call Module: TRI1 RESDemoPowerflex</p>	 <p>TRI 2: Enhanced zero emission Power Technologies</p> <p>Call Module: TRI2 Advancing RE technologies for power production through cost reduction</p>	 <p>TRI 2: Enhanced zero emission Power Technologies</p> <p>Call Module: TRI2 Breakthrough R&amp;D to increase RE power technologies efficiency</p>
 <p>TRI 3: Enabling Climate Neutrality with Storage Technologies, Renewable Fuels and CCU/CCS</p> <p>Call Module: TRI3 CCU/CCS technologies</p>	 <p>TRI 3: Enabling Climate Neutrality with Storage Technologies, Renewable Fuels and CCU/CCS</p> <p>Call Module: TRI3 Hydrogen and renewable fuels</p>	 <p>TRI 4: Efficient zero emission Heating and Cooling Solutions</p> <p>Call Module: TRI4 Heating &amp; Cooling</p>	 <p>TRI 5: Integrated Regional Energy Systems</p> <p>Call Module: TRI5 Integrated Regional Energy Systems</p>
 <p>TRI 6: Integrated Industrial Energy Systems</p> <p>Call Module: TRI6 Industrial energy systems</p>	 <p>TRI 7: Integration in the Built Environment</p> <p>Call Module: TRI7 R&amp;I in clean energy integration in the built environment</p>	 <p>TRI 7: Integration in the Built Environment</p> <p>Call Module: TRI7 Solutions to energy transition in the built environment</p>	

# CETPartnership

## Joint Call 2022 Timeline

CETPartnership Joint Call 2022 Info Day 1 (online)	13 September 2022
Joint Call 2022 opens for pre-proposal submission	14 September 2022
CETPartnership Joint Call Info Day 2 (online)	October 2022
Deadline for submitting pre-proposals	23 November 2022, 14:00 CET
Communication to applications selected for full-proposal stage	January 2023
Deadline for submitting full proposals	20 March 2023, 14:00 CET
Projects selected for funding	June 2023
Tentative start of funded projects	September 2023



# CETPartnership

Joint Call  
2022  
Submission  
of proposals

## General issues

- Two-stage procedure – submission of a pre-proposal followed by an **invitation** to submit a full-proposal
- Submission through [CETPartnership Application System](#) online only
  - Choose one Call Module per proposal
  - Project Coordinator Invite Project Partners through the submission system
  - Insert information about participants, budget etc. directly in the system
  - Upload project description in English as pdf
- Additional documents and/or local proposal submission may be requested by some Funding Partners, see Annex B
- Deadline pre-proposal **23 November, 14.00 CET**



# CETPartnership

Joint Call  
2022  
Funding

## Joint call - joint funding

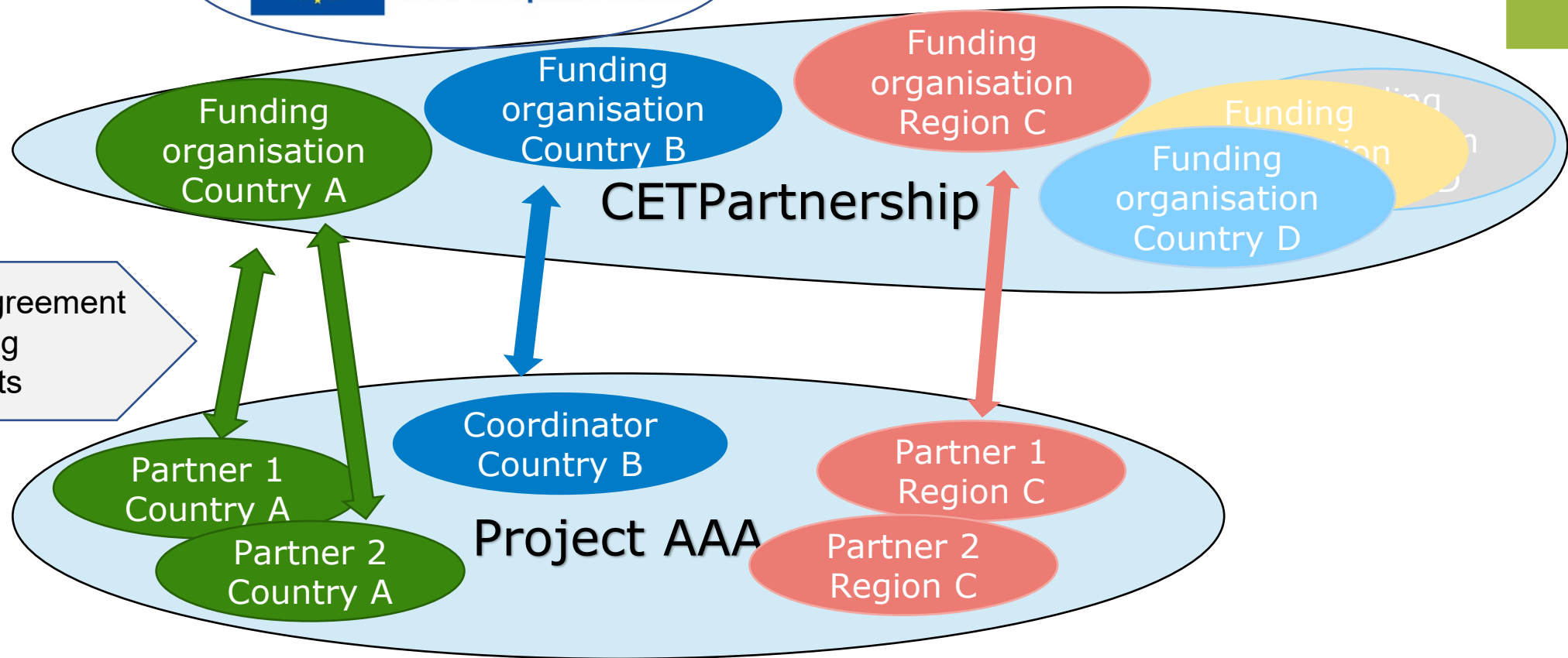
- Totally over 143M€
- 46 national/regional Funding Partners provide funding in the 2022 call
- EC is the single biggest financing organisation
- Funding Partners provide funding for entities based in their country/region. Funding arrangements will be made directly between the project partners and the national/regional Funding Partner to which they have applied.
- Budget allocation from Funding Partners can differ between Call Modules. Applicants must check Funding Partners' participation in Annex B and C to the call text!





# CETPartnership

Joint Call  
2022  
Funding



Grant agreement  
Reporting  
Payments

# CETPartnership

Joint Call  
2022  
Funding  
Partners

## Funding Partners' participation per call module (I) – Annex C to the Call Text

Organisation	Acronym	Country/ region	Funding	TRI1 PowerPlan ningTools	TRI1 RESDemo Powerflex	TRI2	TRI2	TRI3 CCU/CCS technologies	TRI3 Hydrogen and renewable fuels	TRI4 Heating & Cooling	TRI5 Integrated Regional Energy Systems	TRI6 Industrial energy systems	TRI7	TRI7
						Advancing RE technologies for power production through cost reduction	Breakthrough R&D to increase RE power technologies efficiency						R&I in clean energy integration in the built environment	Solutions to energy transition in the built environment
Austrian Research Promotion Agency	FFG	Austria	5 900 000 €						2 000 000 €		1 800 000 €	2 100 000 €		
Fonds Innoveren en Ondernemen	FIO	Belgium/Flanders	1 000 000 €	x	x	x	x	x	x	x	x	x	x	x
Service public de Wallonie	SPW	Belgium/Wallonia	900 000 €	x	x	x	x	x	x	x	x	x	x	x
Emissions Reduction Alberta	ERA	Canada/Alberta	3 470 000 €					2 080 000 €	1 390 000 €					
Research and Innovation Foundation	RIF	Cyprus	3 000 000 €	x	x	x	x	x	x	x	x	x	x	x
Technology Agency of the Czech Republic	TA CR	Czech Republic	2 450 000 €	x	x			x	x		x		x	x
Energy Technology Development and Demonstration Programme	EUDP	Denmark	1 340 000 €		x			x	x		x	x		
Innovation Fund Denmark	IFD	Denmark	1 000 000 €			x	x			x			x	x
Ministry of Economic Affairs and Communications	MKM	Estonia	300 000 €	x	x	x	x	x	x	x	x	x	x	x
Estonian Research Council	ETAG	Estonia	150 000 €	x	x	x	x	x	x	x	x	x	x	x
Innovaatorahoituskeskus Business Finland	BF	Finland	5 000 000 €	x	x	x	x	x	x	x	x	x	x	x
Agence Nationale de la Recherche	ANR	France	3 000 000 €	x			x	x	x	x			x	
Agence de la transition écologique	ADEME	France	1 500 000 €	x	x			x				x		
Pays de la Loire Region Council	RPL	France/Pays de la	1 000 000 €			1 000 000 €								
Forschungszentrum Jülich GmbH (on behalf of BMWK)	FZJ/PTJ	Germany	18 000 000 €	x	x	x	x	x		x	x	x		x
Forschungszentrum Jülich GmbH (on behalf of MWIDE)	FZJ/PTJ	Germany/NRW	1 428 571 €	x	x	x	x	x	x			x		
Saxon State Ministry for Science, Culture and Tourism	SMWK	Germany/Saxony	3 000 000 €	x	x	x	x	x	x	x	x	x	x	x
General Secretariat for Research and Innovation	GSRI	Greece	500 000 €	x	x			x	x					
National Research, Development and Innovation Office	NKFIH	Hungary	1 160 000 €	x	x	x	x	x	x	x	x	x	x	x
The Icelandic Centre for Research	RANNIS	Iceland	1 000 000 €					x	x	x				
Geological Survey Ireland	GSI	Ireland	200 000 €							x				
Sustainable Energy Authority of Ireland	SEAI	Ireland	500 000 €	x	x	x	x	x	x	x	x	x	x	x
Ministry of National Infrastructure, Energy and Water Resources	MoE	Israel	600 000 €	x	x	x	x	x	x	x	x	x	x	x

Estimated Total  
Budget: +140 M€

Consult  
National/Regional  
Requirements from  
Funding Partners in  
the Annex B!



# CETPartnership

Joint Call  
2022  
Funding  
Partners

## Funding Partners' participation per call module (II) – Annex C to the Call Text

**Estimated Total Budget: +140 M€**

Organisation	Acronym	Country/ region	Funding	TRI1 PowerPlan ningTools	TRI1 RESDemo Powerflex	TRI2 Advancing RE technologies for power production through cost reduction	TRI2 Breakthrough R&D to increase RE power technologies efficiency	TRI3 CCU/CCS technologies	TRI3 Hydrogen and renewable fuels	TRI4 Heating & Cooling	TRI5 Integrated Regional Energy Systems	TRI6 Industrial energy systems	TRI7 R&I in clean energy integration in the built environment	TRI7 Solutions to energy transition in the built environment
Ministry of Economic Development	MISE	Italy	16 000 000 €		x	x		x		x	x	x		x
Ministero dell'Università e della Ricerca	MUR	Italy	4 200 000 €	x			x		x				x	
Latvian Council of Science	LZP	Latvia	400 000 €	x	x	x	x	x	x	x	x	x	x	x
Ministry of Energy of the Republic of Lithuania	ENMIN	Lithuania	1 400 000 €		1 000 000 €				400 000 €		(x)			
Malta Council for Science and Technology	MCST	Malta	500 000 €	x	x	x	x	x	x	x	x	x	x	x
Dutch Research Council	NWO	The Netherlands	2 000 000 €			x	x							
Netherlands Enterprise Agency	RVO	The Netherlands	8 000 000 €		x	x		x	x	x	x	x		x
The Research Council of Norway	RCN	Norway	12 000 000 €	x	x	x	x	6 000 000 €	3 000 000 €	x				
National Centre for Research and Development	NCBR	Poland	3 000 000 €	x	x	x	x				x	x		
Fundação para a Ciência e a Tecnologia	FCT	Portugal	500 000 €	x	x	x	x	x	x	x	x	x	x	x
Executive Agency for Higher Education, Research, Development and Innovation Funding	UEFISCDI	Romania	1 000 000 €					x	x	x	x			
Agencia Estatal de Investigación	AEI	Spain	2 000 000 €	x	x	x	x	x	x	x	x	x	x	x
The Centre for the Development of Industrial Technology	CDTI	Spain	1 500 000 €	x	x	x	x	x	x	x	x	x	x	x
Fundación para el fomento en Asturias de la Investigación Científica Aplicada y la Tecnología	FICYT	Spain/Asturias	300 000 €	x	x	x	x	x	x	x	x	x	x	x
Departamento de Desarrollo Económico, Sostenibilidad y Medio Ambiente. Eusko Jaurlaritz-Gobierno Vasco	EUSKADI	Spain/Basque	1 000 000 €			x	x					x		
Ente Vasco de la Energía	EVE	Spain/Basque	1 000 000 €			x	x							
Regional Development Agency of Cantabria	SODERCAN	Spain/Cantabria	150 000 €	x	x	x	x	x	x	x	x	x	x	x
Swedish Energy Agency	SWEA	Sweden	7 000 000 €	x	x	x	x	x	x	x	x	x	x	x
Federal Department of the Environment, Transport, Energy and Communications	DETEC-SFOE	Switzerland	10 000 000 €		x	x		x		x		x		
Swiss National Science Foundation	SNSF	Switzerland	550 000 €								x		x	(x)
The Scientific and Technological Research Council of Türkiye	TUBITAK	Türkiye	2 000 000 €	x	x	x	x	x	x	x	x	x	x	x
Scottish Enterprise	SE	UK/Scotland	7 105 377 €				x	x	x	x		x	x	x
Department of Energy	DoE	USA	5 000 000 €					4 000 000 €	1 000 000 €					

**Consult  
National/Regional  
Requirements from  
Funding Partners in  
the Annex B!**



# CETPartnership

Joint Call  
2022  
Project  
proposals

## Eligibility criteria

- At least three independent legal entities from **three different countries participating in the CETPartnership Joint Call 2022**, of which at least **two must be EU Member States or Horizon Europe Associated Countries**.
- The total effort of **one partner cannot exceed 60%** of the total project efforts.
- The total effort of partners from **one country/region cannot exceed 75%** of the total project efforts. *Efforts = person months*
- Project consortia must also fulfill the **Call module specific requirements**.
- Applicants must be eligible for funding according to their **Funding Partner's national/regional requirements**. Please consult the national/regional requirements (Annex B).



# CETPartnership

Joint Call  
2022  
Project  
Proposals

## Main project requirement

### Project consortia

- Consortia may consist of **partners from organisations such as universities, companies, industry organisations, local/regional governments, research organisations and NGOs**. Some Call modules specify additional requirements or restrictions regarding the types of partners to be included
- Project consortia must include **one project Coordinator** who is responsible for coordination of the project. Other consortia members are Partners, whereof there are two categories:
  - **partners eligible for direct funding by the Funding Partners** participating in the CETPartnership Joint Call 2022
  - **fully self-financed** partners from any country/region who bring their own secured budget.



# CETPartnership

Joint Call  
2022  
Project  
Proposals

## Main project requirement

### Project duration

- Projects are required to start before 15 December 2023.
- The maximum project duration must not exceed 36 months.
- National/regional limits regarding the duration of projects may apply.

### Gender Equality Plan

- Having a GEP at organisational level is an eligibility criterion for funding in the CET Partnership calls following the GEP requirements in Horizon Europe.

### Open access

- Open access as required within Horizon Europe will be assessed as part of the project proposal's methodology under the Excellence Award Criterion.



# CETPartnership

Joint Call  
2022  
Project  
Proposals

## Main project requirement

### Technological Readiness Level (TRL)

- Most projects are expected to aim for solutions meeting medium to high technology readiness levels (TRL 6-8), combining technologies, marked related solutions and stakeholder involvement.
- In selected areas, concepts, and technologies may target a lower TRL level (3-6) on the basis of specific R&I needs as detailed in the related Call Module(s).

### Cross cutting dimensions

- Cross-cutting dimensions, beyond technology and resources, need to be considered to ensure robust transition pathways that are driven by a multidisciplinary perspective.
- The call text offers a framework (*the three-layer research model*) to approach cross-cutting dimensions and multidisciplinary aspects.



# CETPartnership

Joint Call  
2022  
Project  
Proposals

## Main project requirement

### Reporting and Knowledge Community Standard Work Package

- Project proposals must include a work package considering project synergies with, and contributions to the CETPartnership Knowledge Community.

*The CETPartnership Knowledge Community aims to:*

- Develop and present state-of-the-art knowledge and lead discussions in the field of Clean Energy Transition while being a hub and voice for all information related to national/regional CETPartnership RDI players.
- Enable knowledge exchange between all CETPartnership funded projects and with national and international experts to leverage synergies
- Projects must actively utilise the CETPartnership Knowledge Community for increased knowledge-sharing and dissemination of results





# CETPartnership

Joint Call  
2022  
Call  
Procedure

## Timeline for call procedure

**14 September 2022**

The call opens  
• Call text is published

**23 November 2022**

Step 1 (Pre-proposal)  
• Expert evaluation  
• General eligibility check  
• National/regional eligibility check

**January 2023**

Selected projects invited to submit a full-proposal

**20 March 2023**

Step 2 (Full proposal)  
• Expert evaluation  
• General eligibility check  
• National/regional eligibility check

**June 2023**

Decision Communication with national/regional Funding Partner



# CETPartnership

Joint Call  
2022  
Call  
Procedure

## Pre-proposal – deadline 23 November 2022

- Eligibility check according to both general and national/regional requirements
- Evaluation will be done by at least three evaluators per proposal for three criteria **Excellence** (score 0–5), **Impact** (score 0–5) and **Quality and efficiency of the implementation** (score 0–5), which results in a ranking list per call module.
- The cut-off for being invited to submit a full proposal for the next evaluation stage will be a total score of at least 10 and none of the criteria scoring below 3.
- Decision of invitation to full proposal will be based on the ranking lists and the national/regional Funding Partners' budget.



# CETPartnership

Joint Call  
2022  
Call  
Procedure

## Full proposal – deadline 20 March 2023

- The full proposal may not differ substantially from the pre-proposal.
- Changes must be communicated to the involved project partners and the relevant Funding Partner(s).
- Avoid changes in the consortium composition, except if an ineligible partner can be replaced by a partner from undersubscribed countries/regions (must be approved by the relevant Funding Partner).
- Eligibility check according to both general and national/regional requirements.
- Evaluation by at least three evaluators per proposal.
- Expert panel meetings resulting in a ranking list per Call module.
- Decision of funding based on ranking lists and available budget.



# CETPartnership

Joint Call  
2022  
Call  
Procedure

## How to apply

- Submission through the online [CETPartnership Application System](#) only
- Choice of listed Call Modules, only one per proposal
- Project Partners invited by Project Coordinator through the submission system
- PIC and NACE codes needed for all organisations
- Administrative info about participants, addresses, budget etc is inserted directly in the submission system form
- Project description must be written in English and uploaded as pdf
- Do No Significant Harm (DNSH) assessment
- Ethics self-assessment in full proposal only



# CETPartnership

Joint Call  
2022  
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, 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.



# CETPartnership

Joint Call  
2022  
Evaluation  
Criteria

## Impact (Score 0–5)

- Scale and significance of the outcomes and impacts and the credibility of the **pathways** to achieve the expected outcomes and impacts specified in the CETPartnership Call module.
- Suitability and quality of the **measures** to maximize expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities, including **the added value of the transnational collaboration**.
- The extent to which the project is showing relevance to the energy transition through **appropriate involvement of end-users, need-owners and/or the private sector**.



# CETPartnership

Joint Call  
2022  
Evaluation  
Criteria

## Quality and efficiency of the implementation (Score 0–5)

- 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.



# CETPartnership

Joint Call  
2022  
Summary

## Important notes

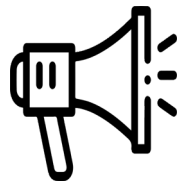
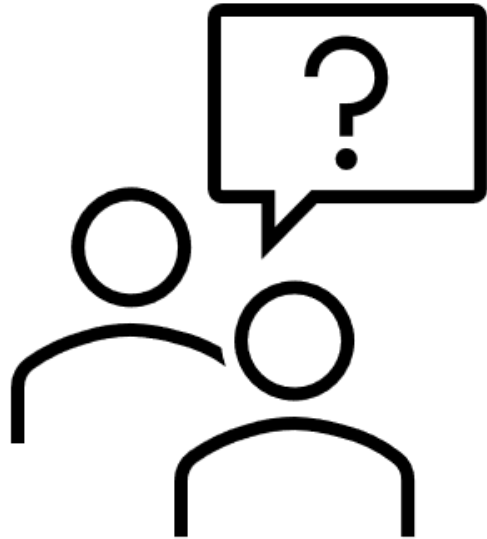
- Consult [the Call Text](#) to find out a relevant **Call module**
- Consult **Funding Partners' participation per call module** ([Annex C](#))
- Consult **National/regional requirements** from relevant Funding Partner(s) ([Annex B](#))
- Use [the pre-proposal template](#)
- **Submit your pre-proposal latest 23 November 2022, 14:00 CET via [the Submission Platform](#)**





# CETPartnership

More  
information



**More information and link to  
match making and Electronic  
Submission system at**

<https://cetpartnership.eu>