



# JOINT CALL 2023

## PRE-PROPOSAL TEMPLATE FOR GUIDANCE ONLY

### PRE-PROPOSAL TEMPLATE

(minor changes may occur)

This template is an indicative model of the pre-proposal template, made available for guidance only.

**Pre-proposals shall be submitted online via the CETPartnership Online Submission Tool (<https://cetp-submission.mur.gov.it/>).**

The format of the pre-proposal template might be modified to fit the submission system.

Version 1.0 as of 19 September 2023

## SECTION: PROJECT DATA

**!TO BE FILLED BY THE COORDINATOR ONLY!**

### General details

<b>Project short name/acronym</b>	<i>Project acronym and title shall be considered as definitive (max 20 characters including spaces)</i>
<b>Project title</b>	<i>(max 150 characters including spaces)</i>
<b>Project abstract</b>	<i>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. (max 1500 characters including spaces)</i>
<b>Project relevance</b>	<i>Describe in short (max. 500 characters) why your project is important to the clean energy transition</i>
<b>Project duration</b>	<i>(max 36 months)</i>
<b>Start date</b>	<i>(the project must start before the end of year 2024)</i>

### Project contact

Indicate here the reference contact person for this project. The project contact may be the Principal Investigator

First Name*	
Family Name*	
Organisation*	

E-mail*	
Telephone	
Mobile Number	

## Call module

Specify what call module you are applying for:

CM2023-01 Direct current (DC) technologies for power networks
CM2023-02 Energy system flexibility: renewables production, storage and system integration
CM2023-03A (ROA) Advanced renewable energy (RE) technologies for power production
CM2023-03B (IOA) Advanced renewable energy (RE) technologies for power production
CM2023-04 Carbon capture, utilisation, and storage (CCUS)
CM2023-05 Hydrogen and renewable fuels
CM2023-06 Heating and cooling technologies
CM2023-07 Geothermal energy technologies
CM2023-08 Integrated regional energy systems
CM2023-09 Integrated industrial energy systems
CM2023-10A (ROA) Clean energy integration in the built environment
CM2023-10B (IOA) Clean energy integration in the built environment

## Project description

Provide a brief narrative under each evaluation criterion, Excellence, Impact, and Quality and efficiency of the implementation, considering the aspects listed below. Present the important aspects of your planned work in a way that will enable the experts to make an effective assessment against the evaluation criteria.

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**NB: Upload the project description as a single PDF document, max 10 pages** including title, pictures, tables and citations – Arial font, 11pts, single spaced, margins of 1.27 cm. Footnotes are allowed, if you respect the above-mentioned layout criteria. Links are not allowed; hyperlinks are allowed only if linked to bibliographic material

**We recommend to use the pre-proposal template provided in the**

### 1. Excellence

- 1.1. Pertinence of the objectives to the Call and Call Module, ambition and positioning with respect to the state-of-the-art or TRLs.
- 1.2. Soundness of the overall methodology. (Gender dimension and open science practices can be described in the full proposal at Stage 2.)

### 2. Impact

- 2.1. Expected outcomes and impacts and added value of transnational collaboration.
- 2.2. Dissemination and exploitation.
- 2.3. Extent of relevance for the energy transition.

### 3. Implementation

- 3.1. Work plan outline with work packages (including Reporting and Knowledge Community work package). (Risk assessment can be described in the full proposal at Stage 2.)
- 3.2. Project consortium.

## CALL DOCUMENT SECTION

### Technology Readiness Level (TRL)

Please indicate the proposal's aimed TRL

If TRL does not apply to the project select: NA option.

**At project start**

**At finalisation of the project**

### Keywords

#### Free keywords

Please enter 5 keywords describing your project here. Keywords are used to select the appropriate evaluation experts. To enter a keyword, type it and press enter.

#### Predefined Keywords

Select at least 1 and maximum 5 keywords amongst the predefined keywords (click here for the list of pre-defined keywords). Suggestions will be visible after typing at least two words.

## DNSH (Do No Significant Harm) Assessment

The Do no Significant Harm principle was introduced in the European Green Deal to ensure that the research and innovation activities do not make directly or indirectly a significant harm to any of the six environmental objectives, according to the EU Taxonomy Regulation (EU) 2020/852. You can find more information on what is considered as doing significant harm to the above objectives in the following note: [https://ec.europa.eu/info/sites/default/files/c2021\\_1054\\_en.pdf](https://ec.europa.eu/info/sites/default/files/c2021_1054_en.pdf).

It is mandatory to fill this table with YES/NO, and the justification if NO is selected.

Applicants shall self-assess the DNSH filling in the following table:

### !TO BE FILLED BY THE COORDINATOR ONLY!

<b>Please indicate which of the following environmental objectives require further evaluation according to the DNSH principle</b>	<b>YES</b>	<b>NO</b>	<b>Justification if NO has been selected No, my project does not require further evaluation according to the DNSH principle because (...)</b>
Climate change mitigation			
Climate change adaptation			
The sustainable use and protection of water and marine resources			
The circular economy, including waste prevention and recycling			
Pollution prevention and control to air, water or land			
The protection and restoration of biodiversity and ecosystems			

Only if the answer is YES for an environmental objective, a substantive DNSH assessment is needed. In that case, please fill the corresponding row in the table below.

Questions	NO	Substantive justification
<i>Climate change mitigation:</i> Is the measure expected to lead to significant GHG emissions? <sup>1</sup>		
<i>Climate change adaptation:</i> Is the measure expected to lead to an increased adverse impact of the current climate and the expected future climate, on the measure itself or on people, nature or assets?		
<i>The sustainable use and protection of water and marine resources:</i> Is the measure expected to be detrimental: (i) to the good status or the good ecological potential of bodies of water, including surface water and groundwater; or (ii) to the good environmental status of marine waters?		
<i>The transition to a circular economy, including waste prevention and recycling:</i> Is the measure expected to: (i) lead to a significant increase in the generation, incineration or disposal of waste, with the exception of the incineration of non-recyclable hazardous waste; or (ii) lead to significant inefficiencies in the direct or indirect use of any natural resource (1) at any stage of its life cycle which are not minimised by adequate measures (2); or (iii) cause significant and long-term harm to the environment in respect to the circular economy (3)?		
<i>Pollution prevention and control:</i> Is the measure expected to lead to a significant increase in the emissions of pollutants (4) into air, water or land?		
<i>The protection and restoration of biodiversity and ecosystems:</i> Is the measure expected to be: (i) significantly detrimental to the good condition (5) and resilience of ecosystems; or (ii) detrimental to the conservation status of habitans and species, including those of Union interest?		

<sup>1</sup> Please notice that the mitigation measures in the call announcement do not only refer to GHG emission but it has a broader meaning. In this cell please specify the mitigation measure related to GHG emission, if any.

- (1) Natural resources comprise energy, materials, metals, water, biomass, air and land.
- (2) For instance, inefficiencies can be minimised by significantly increasing the durability, reparability, upgradability and reusability of products or by significantly reducing resources through the design and choice of materials, facilitating repurposing, disassembly and deconstruction, in particular to reduce the use of building materials and promote the reuse of building materials. Additionally, transitioning to 'product-as-a-service business models and circular value chains with the aim of keeping products, components and materials at their highest utility and value for as long as possible. This also comprises a significant reduction in the content of hazardous substance in materials and products, including by replacing them with safer alternatives. This further includes significantly reducing food waste in the production, processing, manufacturing or distribution of food.
- (3) Please refer to Recital 27 of the Taxonomy Regulation for more information on the circular economy objective.
- (4) Pollutant means a substance, vibration, heat, noise, light or other contaminant present in air, water or land which may be harmful to human health or the environment.
- (5) In line with Article 2(16) of the Taxonomy Regulation, "good condition' means, in relation to an ecosystem, that the ecosystem is in good physical, chemical and biological condition or of a good physical, chemical and biological quality with self-reproduction or self-restoration capability, in which species composition, ecosystem structure and ecological functions are not impaired".

## ADDITIONAL INFORMATION (End-user/need-owner participation)

Please list the partners of your proposal which can be considered as an end user or need owner.

Do not fill this section if it doesn't apply (see Call Module specific requirements).

In Partner Name you can choose among the partners of the project after they have filled the "Organisation Name" field.

**!TO BE FILLED BY THE COORDINATOR ONLY!**

<b>Partner name</b>
<b>Type of end-user/need-owner</b> (dropdown menu: Industrial partner, City/municipality, Other)
<b>Partner role</b> (short description)

\*Please note that several Call modules require the involvement of specific end-users/need-owners in the project consortia. Carefully read through the Call module to make sure to fulfil all project requirements.

## SECTION: PARTNER DATA - COORDINATOR/PARTNER

Please provide brief information about the Coordinator and Partners involved, as well as the requested budget per Partner.

**There are 2 categories of Partners:**

1. Partner from countries/regions (and organisations) eligible for direct funding by the Funding Organisations participating in the CETP Joint Call 2023.
2. Fully self-financed Partner from any country who bring their own secured budget. The self-financed partner cannot be the project Coordinator.

### Principal investigator

<b>Family name</b>		<b>First name</b>	
<b>Title</b>		<b>Gender</b>	

<b>Phone</b>		<b>E-mail</b>	
<b>Type of identifier</b> (optional) Choose between: Google Scholars ORCID Id Researcher ID SCOPUS Author ID Other	Identifier n.	Nationality	
<b>Career Stage<sup>2</sup></b> (optional)	To be chosen among: Category A: Top grade researcher Category B: Senior researcher Category C: Recognised researcher Category D: First stage researcher		
<b>Employment status information</b>	Choose between: On permanent position On fixed-term position		
	If on fixed term position:		
	- Duration of contract:		
	- Employer Name:		
<b>Curriculum Vitae</b>	(optional at pre-proposal stage) (to be uploaded as a PDF file)		

## Organisation details

<b>Coordinator (Partner 1) or Partner 2, Partner 3 ... Partner N</b>			
Please insert as many copies of this table as necessary for other Partners.			
<b>Legal full name</b> of the research organisation/ company		<b>Short name (acronym)</b> of the research organisation/company	
<b>Web site</b>			
<b>Participant Identification Code (PIC)</b> of the organisation <sup>3</sup>		Status:	Choose between: Private Public

<sup>2</sup> Choose one of the following 4 options:

- Category A: the single highest grade/post at which research is normally conducted. (Example: "director of research")
- Category B: Researchers working in positions not as senior as top position (A) but more senior than newly qualified doctoral graduates (Example: "senior researcher").
- Category C: the first grade/post into which a newly qualified doctoral graduate would normally be recruited. (Examples: "researcher", "investigator" or "post-doctoral fellow").
- Category D: Either doctoral students at the ISCED level 8 who are engaged as researchers, or researchers working in posts that do not normally require a doctorate degree. (Examples: "Ph.D. students" or "junior researchers" without a Ph.D).

These categories are defined in Frascati manual from OECD <https://www.oecd.org/sti/inno/frascati-manual.htm> (page 249)

<sup>3</sup> 9-digit number serving as a unique identifier for organisations (legal entities) participating in EU funding programmes / procurements. If needed, one can apply for a temporary PIC on: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/participant-register>. A search tool for organisations and their PICs is available on <https://ec.europa.eu/info/funding->

<b>Participant Organisation Type</b>	Choose between: HES, REC, PRC, PUB, OTH <sup>4</sup>	Small or Medium-sized Enterprise (SME status):	Choose between: YES, NO	Statistical Classification of Economic Activities (NACE) <sup>5</sup> :	
Registered office address of the research organisation/ company					
Street name and number					
PO Box		Postal Code		Cedex	
City					
<b>Division / Department / Unit or Laboratory</b>					
Street name and number					
PO Box		Postal code		Cedex	
Town			Country		

## Team members

*Other team members involved in the project*

*Please include all the team members to be involved in the project, would they be funded or not by your Funding Organisation.*

*If you do not have yet this information for one team member (e.g. for a postdoc), you can indicate "to be determined".*

*Remember that the coordinator should not be entered.*

*For each filled line you will have to scroll to the right and press the specific save button*

Team member 1: Family name, First name, gender, title, phone, email, ORCID id.	
Team member 2: Family name, First name, gender, title, phone, email, ORCID id.	
.....	

[tenders/opportunities/portal/screen/how-to-participate/participant-register-search](https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/participant-register-search). We suggest validating the PICs via the public available Partner Search – Organisation Profile service. This allows use to fill out some requested data inputs automatically, which is less error-prone and provides much better user experience.

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/apis>

<sup>4</sup> Secondary and higher education establishments (HES); Research organisations (excluding education) (REC); Private for-profit companies (PRC); Public bodies (excluding research and education) (PUB); Other entities (OTH)

<sup>5</sup> The NACE code is a Statistical Classification of Economic Activities of the organisation. You can find further information about NACE at Eurostat website <https://ec.europa.eu/eurostat/web/nace-rev2> and the classification can be downloaded at [https://ec.europa.eu/eurostat/ramon/nomenclatures/index.cfm?TargetUrl=LST\\_CLS\\_DLD&StrNom=NACE\\_REV2&StrLanguageCode=EN&IntCurrentPage=1&StrLayoutCode=LINEAR#](https://ec.europa.eu/eurostat/ramon/nomenclatures/index.cfm?TargetUrl=LST_CLS_DLD&StrNom=NACE_REV2&StrLanguageCode=EN&IntCurrentPage=1&StrLayoutCode=LINEAR#)

Team member N: Family name, First name, gender, title, phone, email, ORCID id.	
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## BUDGET

<b>Funding organisation(s) to which you are applying for funding<sup>6</sup></b>	<i>To be selected on the list of Funding organisations</i>
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### Budget table

#### **! ONE TABLE PER PARTNER !**

**All partners shall fill in their own table with their own costs, including self-financed partners.**

Indicate in the table the total costs of the project and their indicative breakdown between the different categories of costs (e.g. personnel, including permanent salaries depending on Funding Organisations rules for the determination of the eligible costs; equipment, consumables, subcontracts, travels, overheads) and the funding requested from your Funding Organisation basing on national rules.

Please make sure to comply with your Funding Organisation's rules for the determination of the eligible costs and the requested funding calculation.

Please note that some Funding Organisations cannot provide funding equal to 100% of eligible costs. For inquiries, contact your Funding organization's Contact Point.

The column **Total costs** comprises all the costs related to the project independently of national funding rules. You must indicate here all the costs of the project.

The column **Funding request** comprises the part of the costs that you will request from your Funding Organisation.

The column **Own funding** is filled in automatically after saving the form. It includes all the costs that are not covered by the Funding Organisation (either because the funding level is lower than 100% and/or some costs are not eligible for funding and/or are provided in-kind). The Own funding is equal to the difference between the Total cost and the Funding requested.

**The line Total will be filled in automatically after saving the form (SAVE BUTTON).**

**! Input 0 (zero) if one or more item doesn't apply !**

Items	Total cost (in Euro, including VAT depending on national rules)	Funding requested (in Euro, including VAT depending on national rules) <sup>7</sup>	Own funding (equal to the difference between total cost and funding requested)
<b>Personnel</b>			<i>Calculated by Online Submission Tool</i>
<b>Subcontracting<sup>8</sup></b>			<i>Calculated by Online Submission Tool</i>
<b>Travel and subsistence</b>			<i>Calculated by Online Submission Tool</i>
<b>Equipment</b>			<i>Calculated by Online Submission Tool</i>

<sup>6</sup> Please indicate to which Funding Organisation the partner is requesting funds

<sup>7</sup> Please make sure whether VAT has to be included according to national/regional legal framework and Funding Organisations' rules. If not, please do not include VAT.

<sup>8</sup> Indicate here the total budget and requested budget for your subcontracted Partners and/or any other subcontracting costs.

<b>Other direct costs for goods and services</b>			<i>Calculated by Online Submission Tool</i>
<b>Overhead</b>			<i>Calculated by Online Submission Tool</i>
<b>Total</b>	<i>Calculated by Online Submission Tool</i>	<i>Calculated by Online Submission Tool</i>	<i>Calculated by Online Submission Tool</i>

### Costs justification

Please enter a brief description of major costs items and short justification (personnel, equipment, consumables, subcontracts, travel expenses, other costs).

For overhead costs, national regulations may apply.

(max 1000 characters including spaces)

### Self-financed partner

For the self-financed Partner, please indicate shortly how its participation to the project will be funded.

Please note that a Letter of Commitment will be required as a mandatory document in the full proposal application.

<b>Self-financed Partner A</b>	
Name	
Country	
The Partner will be funded through ...	

### Workload

Enter the organization's planned workload expressed in person months

<b>Total person/months</b>	
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### WORKLOAD DISTRIBUTION

**! Table generated by the system !**

Partner 1	Person Months	Workload percentage
Partner 2		
Partner 3		
....		
	Total	100%