



# JOINT CALL 2022

## FULL PROPOSAL APPLICATION ANNOTATED TEMPLATE FOR SUBMISSION

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

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

Relevant project and partners' data will be retrieved from the pre-proposal. Some data will not be editable.

The format of the full proposal template might be modified to fit the application system. For the Project Description to be provided as PDF attachment, use the template provided and available in the Call Document section.

## PROJECT DATA

### General details

[General project details are retrieved from pre-proposal. Some fields are editable]

### Call module and Description

[Call Module is retrieved from pre-proposal]

### Project description

[Upload as pdf document]

Please give a clear overview of the project, considering "Excellence", "Impact" and "Implementation", highlighting the innovation of the project outcome(s), the originality of the proposed approach and the market needs (if applicable) addressed by the project, according to the **Project Description Template (Full Proposal) provided in the Call Document section**.

Upload the project description as **a single PDF document, max 30 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.

[Data are retrieved from pre-proposal]

<b>Technology Readiness Level (TRL)</b> <i>Please indicate the proposal's aimed TRL</i>
At project start
At finalisation of the project

[Data are retrieved from pre-proposal]

<b>Keywords</b>	
<b>Free keywords</b>	
Please enter max. 5 keywords describing your project. Keywords help effective expert selection to evaluate your pre-proposal.	
<b>Predefined Keywords</b>	
Please enter max. 5 keywords among those available describing your project. Keywords help effective expert selection to evaluate your pre-proposal.	

### **DNSH (Do No Significant Harm assessment)**

[Data are retrieved from pre-proposal. This section is editable online]

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:

<i>Please indicate which of the following environmental objectives require further evaluation according to the DNSH principle</i>	<i>YES</i>	<i>NO</i>	<i>Justification if NO has been selected No, my project does not require further evaluation according to the DNSH principle because (...)</i>
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.*

<i>Questions</i>	<i>NO</i>	<i>Substantive justification</i>

<p><i>Climate change mitigation:</i> Is the measure expected to lead to significant GHG emissions? <sup>1</sup></p>		
<p><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?</p>		
<p><i>The sustainable use and protection of water and marine resources:</i> Is the measure expected to be detrimental:</p> <ul style="list-style-type: none"> <li>(i) to the good status or the good ecological potential of bodies of water, including surface water and groundwater; or</li> <li>(ii) to the good environmental status of marine waters?</li> </ul>		
<p><i>The transition to a circular economy, including waste prevention and recycling:</i> Is the measure expected to:</p> <ul style="list-style-type: none"> <li>(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</li> <li>(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</li> <li>(iii) cause significant and long-term harm to the environment in respect to the circular economy (3)?</li> </ul>		
<p><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?</p>		
<p><i>The protection and restoration of biodiversity and ecosystems:</i> Is the measure expected to be:</p>		

<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.

(i) significantly detrimental to the good condition (5) and resilience of ecosystems; or		
(ii) detrimental to the conservation status of habitants and species, including those of Union interest?		

- (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".

### Ethics self-assessment

[New section. Fill in online]

The applicant shall self-assess the respect of the ethics principles answering to the following questionnaire:

<b>1. HUMAN EMBRYONIC STEM CELLS AND HUMAN EMBRYOS</b>	Y/N	If yes, please detail and indicate how you plan to deal with this ethic issue.
Does this activity involve Human Embryonic Stem Cells (hESCs)?	Y/N	
If yes, will they be directly derived from embryos within this project?	Y/N	
If yes, are they previously established cells lines?	Y/N	
If yes, are the cell lines registered in the European registry for human embryonic stem cell lines?	Y/N	

Does this activity involve the use of human embryos?	Y/N	
If yes, will the activity lead to their destruction?	Y/N	
<b>2. HUMANS</b>		
Does your research involve human participants?	Y/N	
If yes, are they volunteers for nonmedical studies (e.g. social or human sciences research)?	Y/N	
If yes, are they healthy volunteers or medical studies?	Y/N	
If yes, are they patients for medical studies?	Y/N	
If yes, are they potentially vulnerable individuals or groups?	Y/N	
If yes, are they children / minors?	Y/N	
If yes, are they other persons unable to give informed consent?	Y/N	
Does your research involve physical interventions on the study participants?	Y/N	
If yes, does it involve invasive techniques?	Y/N	
If yes, does it involve collection of biological samples?	Y/N	
Does this activity involve conducting a clinical study as defined by the Clinical Trial Regulation (EU 536/2014)? (using pharmaceuticals, biologicals, radiopharmaceuticals, or advanced therapy medicinal products).	Y/N	
If yes, is it a clinical trial?	Y/N	
If yes, is it a low-intervention clinical trial?	Y/N	
<b>3. HUMAN CELLS / TISSUES</b>		
Does this activity involve the use of human cells or tissues?	Y/N	
If yes, are they human embryonic or foetal cells or tissues?	Y/N	
If yes, are they available commercially?	Y/N	
If yes, are they obtained within this project?	Y/N	
If yes, are they obtained from another project, laboratory or institution?	Y/N	
If yes, are they obtained from biobank?	Y/N	
<b>4. PERSONAL DATA</b>		
Does this activity involve processing of personal data?	Y/N	
If yes, does it involve the processing of special categories of personal data (e.g.:	Y/N	

sexual lifestyle, ethnicity, genetic, biometric and health data, political opinion, religious or philosophical		
If yes, does it involve profiling, systematic monitoring of individuals, or processing of large scale of special categories of data or intrusive methods of data processing (such as, surveillance, geolocation tracking etc.)?	Y/N	
Does this activity involve further processing of previously collected personal data (including use of pre-existing data sets or sources, merging existing data sets)?	Y/N	
Is it planned to export personal data from the EU to non-EU countries?	Y/N	
If yes, specify the type of personal data and countries involved:		
Is it planned to import personal data from non-EU countries into the EU or from a non-EU country to another non-EU country?	Y/N	
If yes, specify the type of personal data and countries involved:		
<b>5. ANIMALS</b>		
Does your research involve animals?	Y/N	
If yes, are they vertebrates?	Y/N	
If yes, are they non-human primates (NHP)?	Y/N	
If yes, are they genetically modified?	Y/N	
If yes, are they cloned farm animals?	Y/N	
If yes, are they endangered species?	Y/N	
<b>6. NON-EU COUNTRIES</b>		
Will some of the activities be carried out in non-EU countries?	Y/N	
If yes, specify the countries		
In case non-EU countries are involved, do the activities undertaken in these countries raise potential ethics issues?	Y/N	
If yes, specify the countries		
Is it planned to use local resources (e.g. animal and/or human tissue samples, genetic material, live animals, human remains, materials of historical value, endangered fauna or flora samples, etc.)?	Y/N	
Is it planned to import any material (other than data) from non-EU countries into the EU or from a non-EU country to another non-EU country? For data imports, see section 4.	Y/N	
If yes, specify material and countries involved:		

Is it planned to export any material (other than data) from the EU to non-EU countries? For data exports, see section 4.	Y/N	
If yes, specify material and countries involved:		
Does this activity involve low and/or lower-middle income countries? (if yes, detail the benefit- sharing actions planned in the self-assessment)	Y/N	
Could the situation in the country put the individuals taking part in the activity at risk?	Y/N	
<b>7. ENVIRONMENT &amp; HEALTH and SAFETY</b>		
Does this activity involve the use of substances or processes that may cause harm to the environment, to animals or plants (during the implementation of the activity or further to the use of the results, as a possible impact)?	Y/N	
Does this activity deal with endangered fauna and/or flora / protected areas?	Y/N	
Does this activity involve the use of substances or processes that may cause harm to humans, including those performing the activity (during the implementation of the activity or further to the use of the results, as a possible impact)?	Y/N	
<b>8. ARTIFICIAL INTELLIGENCE</b>		
Does this activity involve the development, deployment and/or use of Artificial Intelligence? (if yes, detail in the self-assessment whether that could raise ethical concerns related to human rights and values and detail how this will be addressed).	Y/N	
<b>9. OTHER ETHICS ISSUES</b>		
Are there any other ethics issues that should be taken into consideration?	Y/N	
Please specify: (Maximum number of characters allowed: 1000)		

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

[Data are retrieved from pre-proposal. This section is editable online]

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.

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

*\*Please note that some 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.*

## PARTNER DATA

[Data are retrieved from pre-proposal. This section is editable online according to the following provisions]

This section includes information and data relating to the Coordinator and the Partners involved, as well as the requested budget per Partner, retrieved from the pre-proposal.

For each partner, the eligibility status is recalled. **Ineligible partners who will not be participating as self-financed partners in the full proposal stage shall be removed as partners.**

Please, note that in the second stage application no substantial changes to the project consortium composition and budget are allowed, besides the following cases, and upon prior agreement of the respective Funding Organisations:

- **A) INELIGIBLE PARTNERS PARTICIPATING AS SELF-FINANCED PARTNERS:** Partners declared **ineligible** for funding in the pre-proposal stage **may participate as self-financed** partners (if the consortium is eligible without their participation as funded partner). Self-financed Partners shall secure their budget with own funding and do not contribute to fulfil the minimum consortium requirements.
- **B) WIDENING OPTION: New partners from undersubscribed Funding Organisations ("widening option") may be added** to the original project consortium (see Call Document section for the list of undersubscribed Funding Organisations) either to replace an ineligible partner or to add additional expertise.

In case of changes in the project consortium composition (case A) or case B), please be aware that budget changes are allowed up to 25% of the original budget as in the pre-proposal.

### Principal investigator

[Data are retrieved from pre-proposal]

Family name		First name	
Title		Gender	
Phone		E-mail	
Type of identifier (optional)	Choose between: Google Scholars ORCID Id	Nationality	

	Researcher ID SCOPUS Author ID Other		
Career Stage <sup>2</sup> (optional)	<i>To be chosen among:</i> Category A: Top grade researcher Category B: Senior researcher Category C: Recognised researcher Category D: First stage researcher		

### CV\*

[Data are retrieved from pre-proposal, if present. A new CV file can be uploaded anytime. The field is mandatory in the full proposal stage]

*Please, upload a brief CV of the Principal Investigator, including relevant professional experience and up to 5 recent publications/patents/other relevant work*

Please upload CVs as PDF – maximum 2 pages per CV

### Organisation details

[Data are retrieved from pre-proposal]

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

Participant Organisation Type	<i>Choose between:</i> HES, REC, PRC, PUB, OTH <sup>4</sup>	Small or Medium-sized Enterprise (SME status):	<i>Choose between:</i> 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	
Town			Town		
Division / Department / Unit or Laboratory					
Street name and number					
PO Box		Postal code		Cedex	
Town			Country		
Employment status information	<i>Choose between:</i> On permanent position On fixed-term position				
	If on fixed term position:				
	- Duration of contract:				
	- Employer Name:				

### Self-financed Partner data

Partner A

[register](https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/participant-register-search). A search tool for organisations and their PICs is available on <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#)

Legal full name of the research organisation / Company		Short name (acronym) of the research organisation/Company	
Web site			
Participant Identification Code (PIC) of the organisation <sup>6</sup>		Status: Private or Public?	<i>Choose between:</i> Private Public
Participant Organisation Type	<i>Choose between:</i> HES, REC, PRC, PUB, OTH <sup>7</sup>	Small or Medium-sized Enterprise (SME status):	<i>Choose between:</i> YES, NO
Division / Department / Unit or Laboratory		Statistical Classification of Economic Activities (NACE) <sup>8</sup> :	
Street name and number			
PO Box		Postal code	Cedex
Town		Country	
Employment status information	<i>Choose between:</i> On permanent position On fixed-term position If on fixed term position:		
	- Duration of contract:		
	- Funding body:		

<sup>6</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-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>7</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>8</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 members

[Data are retrieved from pre-proposal. The section is editable online to add/modify team members]

<i>Other team members involved in the project*</i>	
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.	
.....	
Team member N: Family name, First name, gender, title, phone, email, ORCID id.	
<i>* 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"</i>	

## FUNDING (Project budget)

[Data are retrieved from pre-proposal. This section is editable under conditions. Please make sure that all partners have included their foreseen costs (also for self-financed partners) and if a Funding Organisation is chosen, make sure that the funding request is included ]

The budget table can be updated in case of changes in the project consortium composition according to case A (ineligible partner participating as self-financed partner) or B (widening option).

Please note that budget changes are allowed up to 25% of the original budget as outlined in the pre-proposal.

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 Organisation cannot provide funding equal to 100% of eligible costs. For inquiries, contact your Funding Organisation'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 costs and the Funding requested.

The line **Total** will be filled in automatically after saving the form.

Please, include one table for each partner.

**! Retrieved by the system !**

<b>Partner 1 (2, 3, ... N)</b>			
Short name (acronym)		Country	
Funding organisation(s) to which you are applying for funding <sup>9</sup>		<i>To be selected on the list of Funding organisations</i>	

**! Retrieved by the system !**

**! Input 0 (zero) if an item doesn't apply !**

<b>Items</b>	<b>Total cost (in Euro, including VAT depending on national rules)</b>	<b>Funding requested (in Euro, including VAT depending on national rules)<sup>10</sup></b>	<b>Own funding (equal to the difference between total cost and funding requested)</b>
<b>Personnel</b>			<i>Calculated by Online Submission Tool</i>
<b>Equipment</b>			<i>Calculated by Online Submission Tool</i>
<b>Consumables</b>			<i>Calculated by Online Submission Tool</i>
<b>Subcontracting<sup>11</sup></b>			<i>Calculated by Online Submission Tool</i>
<b>Travel</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>

<b>Total person months for this partner</b>	
---------------------------------------------	--

## WORKLOAD DISTRIBUTION

**! Table generated by the system !**

Partner 1	Person Months	Workload percentage
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<sup>9</sup> Please indicate to which Funding Organisation the partner is requesting funds

<sup>10</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>11</sup> Indicate here the total budget and requested budget for your subcontracted Partners and/or any other subcontracting costs.

Partner 2		
Partner 3		
....		
	Total	100%

**Costs justification**

[Data are retrieved from pre-proposal. This section is editable under conditions]

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)

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

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

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