

The Malta Council for Science and Technology
is seeking suitable experts to participate in the scientific evaluation within the
new Horizon Europe transnational initiative: the Clean Energy Transition
Partnership (CETPartnership). Candidates must have expertise in at least two of
the following Transition Initiatives (TRIs):

- TRI1: Optimized integrated European net-zero emissions energy system
- TRI2: Enhanced zero emission power technologies
- TRI3: Enabling climate neutrality with storage technologies, hydrogen and renewable fuels, and CCU/CCS
- TRI4: Efficient zero emission Heating and Cooling Solutions
- TRI5: Integrated regional energy systems
- TRI6: Integrated industrial energy systems
- TRI7: Integration in the built environment

DEADLINE: Friday, 2nd September 2022, 17:00 CET

1.0 General

This call is to seek suitable experts to participate as evaluators in the scientific evaluation process of the CETPartnership transnational research project proposals.

MCST is one of the 51 national and regional RTDI programme owners and managers from 27 countries that are part of this transnational initiative. Each partner involved in the CETPartnership Joint Call 2022 has been asked to nominate a minimum of two experts for each Call module (Annex II) to form a pool of experts. Anyone can be nominated, regardless of nationality and/or country of residence. The CETPartnership's Call Management Team will then select the evaluators from the list of suggested evaluators submitted by the Funding Partners.

The chosen evaluators will then be assigned to scientifically evaluate a number of project proposals, in accordance with their area of expertise. **The selection of evaluators from the pool of experts is at CETPartnership's sole discretion.** Each project proposal will be

scientifically evaluated by three (3) independent evaluators according to the relevance of their expertise to the proposal.

This call is open to experts who will not participate in any of the CETPartnership’s pre and full project proposals and having expertise in at least two of the TRIs, which are organized in Call modules, as specified in Annex II.

2.0 About the CETPartnership

The CETPartnership’s overarching aim is to empower the energy transition and contribute to the EU’s goal of becoming the first climate-neutral continent by 2050. By doing so, it will foster transnational innovation ecosystems from the local and regional level, up to the transnational European level, thus overcoming a fragmented European landscape.

The common vision of the CETPartnership is already manifested in its [Strategic Research and Innovation Agenda \(SRIA\)](#), which articulates the common goals of:

- Building innovation ecosystems that support capacity building at all levels
- Developing and demonstrating technology and solutions for the transition of energy systems
- Building a transnational transformative Joint Programming Platform

Having such a broad vision led the CETPartnership to identify seven challenges, which were translated into the Transition Initiatives, each having a specific focus. Moreover, the TRIs are bringing together different partners of the CETPartnership Consortium willing to invest in that specific area and are led by different partners.

The FIRST Call for proposals for the CETPartnership will be launched on the 14th of September 2022 and will include 11 different Call modules within the 7 Transition Initiatives. Maltese partners will have the opportunity to collaborate with international entities to enhance their R&I capabilities within the scope of the CETPartnership.

3.0 Service Requirements

The CETPartnership Joint Call 2022 is being implemented as a two-step procedure (a pre-proposal stage and a full-proposal stage), therefore the preliminary timeline for the evaluation procedure is as follows:

1 st December 2022 – 5 th January 2022	Pre-Proposal Evaluations
22 nd March 2023 – 6 th May 2023	Full-Proposal Evaluations
22 nd – 26 th May 2023	Joint Expert Evaluation Meetings

An Evaluation Handbook containing instructions and guidance will be distributed to the evaluators prior to the start of the evaluation process.

3.1 Evaluation of Pre-Proposals

The CETPartnership Joint Call 2022 is divided into eleven (11) Call Modules and there will be one evaluation procedure for each of the Call modules, where each proposal will be evaluated by at least three (3) independent experts. The experts are expected to individually evaluate the assigned proposals according to the evaluation criteria and through the CETPartnership Application and Evaluation portal. Proposals will receive the average score of the three (3) expert evaluations, which would result in one ranking list of pre-proposals for each Call

module. The evaluation will be solely based on the evaluation criteria specific to the Joint Call 2022 as set by the secretariat of the CETPartnership.

3.2 Evaluation of Full Proposals

Similar to the Pre-Proposal stage, there will be one (1) evaluation procedure for the projects that passed to the full-proposal stage for each Call module and each proposal will be evaluated by at least three (3) independent experts.

The expert evaluations of the full proposals will go through two stages:

1. The experts will individually evaluate the assigned proposals according to the evaluation criteria and through the CETPartnership Application and Evaluation portal.
2. The experts will meet in an expert panel meeting and come to consensus on the rank of the projects in the independent experts panels' ranking list(s).

The evaluation will solely be based on the evaluation criteria specific to the Joint Call 2022 as set by the secretariat of the CETPartnership. The evaluation meetings will be overseen by an independent observer.

4.0 Remuneration

Financial remuneration will be provided to the evaluators by the CETPartnership Call Management Team and **NOT** by the Malta Council for Science and Technology. More details will be provided in due course.

5.0 Evaluator Requirements

Experts must, at minimum, hold a first degree and a post graduate qualification in a specific area of expertise, which is in line with the TRIs and Call Modules chosen (Annex II). They must show proof of at least five years of professional experience (or at least 2 years if in possession of a Ph.D) in the area of expertise.

Expert nominations will be compiled by the CETPartnership Call Management Team. The nomination shall include the full name of the nominated expert, title, contact details, current employment, nationality, field of expertise keywords and CV. The TRI leads may also ask for additional information that is considered necessary.

6.0 Conflicts of Interest (COI)

It is imperative that the nominated experts are by no means affiliated with any active project proposal and/or the CETPartnership or TRIs in any way. All evaluators are required to declare their independence to the projects and the CETPartnership to avoid any conflict of interest. They must certify to adhere to the confidentiality conditions of the evaluation process and a form must be signed and submitted prior to the start of the individual evaluation.

A COI exists if a candidate:

- is involved in the preparation of any of the CETPartnership project pre-proposals or proposals
- stands to benefit directly / indirectly if the proposal is positively evaluated
- has a family / personal relationship with any person that is part of a consortium that has submitted a research project pre-proposal

In the case that during the evaluation process the expert encounters a real or perceived COI situation, the expert is expected to inform the CETPartnership Call Management Team immediately and await further instructions before proceeding with any further work.

7.0 Instructions and Application

Interested candidates are to submit the following documentation:

- Filled in Annex 1: Submission Form
- A detailed Curriculum Vitae

The requested documentation shall be sent electronically to eusubmissions.mcst@gov.mt, with “CETPartnership Call for Experts 2022” as a subject heading. Applications should be received by not later than Friday, 2nd September 2022, 17:00 CET. Late or incomplete applications will not be considered. It is the responsibility of the experts to ensure that they are provided with a written confirmation of receipt of their application.

Interested parties may also contact the national contact point for the CETPartnership, Ms. Martina Vella, on +356 2360 2113 or martina.vella.5@gov.mt, for additional information.

Data Protection Clause: The information collected through this Call shall be processed in accordance with the Data Protection Act, Chapter 586 of the Laws of Malta and Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation). The contents remain confidential and solely intended for the use of this Call's purpose and will not be disclosed or copied without your consent. Submitted information will be retained for a period of ten (10) years from the date that the CETPartnership ends.

Annex 1: Submission Form

Kindly fill in the following form with the requested information, sign and submit together with a detailed CV.

Full Name	
Gender	
Nationality	
Email Address	
Phone (incl. Country Code)	
Position	
Organisation Name	
Highest level of Education	
Transnational & Interdisciplinary experience	
Industrial Expertise	
Field of Expertise (2-3 keywords)	
TRI most relevant to your expertise (Primary)	<i>Descriptions of each TRI are provided in Annex 2 below.</i>
TRI most relevant to your expertise (Secondary)	<i>Descriptions of each TRI are provided in Annex 2 below.</i>

I consent that the above documents provided are shared with CETPartnership Call Management Team for the selection of evaluators for the CETPartnership Joint Call 2022.

I consent that the CETP Call Management Team discloses information in the public domain in relation to the evaluators throughout the review process including name, surname and area of specialization.

I confirm that a detailed CV has been attached to the form.

Signature	
Date	

Annex II – Areas of Expertise

More information on the TRIs and their respective Call modules can be obtained from <https://cetpartnership.eu/about>

Transition Initiatives and Call Modules
TRI1: Optimized integrated European net-zero emissions energy system Develop an optimised, integrated European net-zero emissions energy system, where electricity distribution and transmission grids are seen as the “backbone” of the future low-carbon energy systems with a high level of integration among all energy carrier networks, by e.g., coupling electricity networks with gas, heating and cooling networks, supported by energy storage and power conversion processes.
<u>Call module 1.1:</u> RESDemoPowerFlex
<u>Call module 1.2:</u> PowerPlanningTools
TRI2: Enhanced zero emission power technologies Develop a pool of zero-emission power technologies and solutions based on Renewable Energy Sources (RES) as the backbone of the future energy system, being able to deliver carbon-neutral electricity accessible to all and to contribute to the resilience of the system.
<u>Call module 2.1:</u> Advancing RES technologies for power production through cost reduction
<u>Call module 2.2:</u> Breakthrough R&D to increase RES power technologies efficiency
TRI3: Enabling climate neutrality with storage technologies, hydrogen and renewable fuels, and CCU/CCS Provide technological cleaner solutions for storage technologies, hydrogen and renewable fuels, CCS (Carbon Capture and Storage) and CCU (Carbon Capture and Utilisation). Funded projects need to have a significant bearing on accelerating the technologies and provide results showing significant CO ₂ reduction by 2030 and demonstrate a contribution to the climate neutrality by 2050.
<u>Call module 3.1:</u> CCU/CCS technologies
<u>Call module 3.2:</u> Hydrogen and renewable fuels
TRI4: Efficient zero emission Heating and Cooling Solutions Provide enhanced and improved heating and cooling technologies and systems for all major parts of Europe by 2030 and to enable 100% climate-neutral heating and cooling by 2050.
<u>Call module 4:</u> Heating & Cooling
TRI5: Integrated regional energy systems Develop and validate integrated regional and local energy systems, that make it possible to efficiently provide, host and utilize high shares of renewables, up to and beyond 100% in the dynamic local or regional supply by 2030. Such systems shall provide tailor-made solutions that meet the individual regional and local requirements and demand.
<u>Call module 5:</u> Integrated Regional Energy Systems for a Resilient, Secure and Renewable Energy Supply
TRI6: Integrated industrial energy systems Develop and demonstrate a set of technical solutions for integrated industrial energy systems that enables efficient carbon-neutral industrial production sites and takes industrial energy systems into development as part of the entire energy system.
<u>Call module 6:</u> Industrial energy systems
TRI7: Integration in the built environment Provide solutions and technologies for existing and new buildings to become an active element in the energy system, with enhanced capability to produce, store and efficiently use energy in the residential

and non-residential sector, comprising public and commercial buildings, service and mobility infrastructure buildings, etc.

Call module 7.1: R&I in clean energy integration in the built environment

Call module 7.2: Solutions to energy transition in the built environment