

Guide For Applicants

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CREATORS

CREATORS OPEN CALL: PRE-FEASIBILITY STUDY FOR COMMUNITY ENERGY SYSTEMS PROJECTS

FIRST CALL - February 2022

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1. CREATORS Open Call

1.1. Description of the Call

The consortium representing the CREATORS H2020 project is launching an **Open Call for Community Energy Systems** projects to assess and support initiators around the European Union.

We will be granting **10 pre feasibility studies** to assess the potential creation of a Community Energy System on the site, with a **technical, economical and governance study**, that will be carried out using the service packages developed in our project and with the expertise of our partners, pioneers in the development and implementation of energy communities across Europe.

With our main objective of supporting and accelerating the integration of Community Energy Systems in Europe, these 10 sites will be considered as replication sites and Tier 3 Pilots of the CREATORS project.

1.2. What is covered in the pre-feasibility study?

The study will consist of a technical, economical and governance study as well as recommendations on the set up process and operation of the Community Energy System. The result of the pre feasibility study will be a report containing the main and more relevant results to support the initiator of the Community Energy System project in the decision process, containing the following:

- **Technical Analysis** of the site, simulation of the potential community energy system performance as well as the energy fluxes within the community.
- Study of the public and private **financing opportunities** as well as stating the **investment protocols**.
- **Decision tree** that gives project developers scenarios and options in terms of the most appropriate and required technical simulation(s), ownership models, requirements for investors, etc.
- Recommendations on the **set-up process, planning** and **operation** of the CES, showcasing the benefits of the CES as a service proposition.



1.3. Who can apply?

The CREATORS' Open Call is open to all kinds of public and private legal entities established in the Member States of the European Union.

1.4. Where to find all the information?

All the information of the Open Call will be found in the CREATORS website <https://www.creators4you.energy/open-call/>

2. CREATORS project

2.1. Who are we?

CREATORS is a Horizon 2020 EU funded project that aims to accelerate the integration of Community Energy Systems across Europe. CREATORS will develop and prepare a set of applications and service packages that will help in the initiation, planning, implementation and operation of Community Energy Systems, and support local actors throughout the entire life cycle of a project.

The Consortium is made up of 16 partners from across Europe including energy, engineering, construction, software and modeling firms, site owners, managers and public promoters of energy communities, that are uniquely positioned to support CES projects.

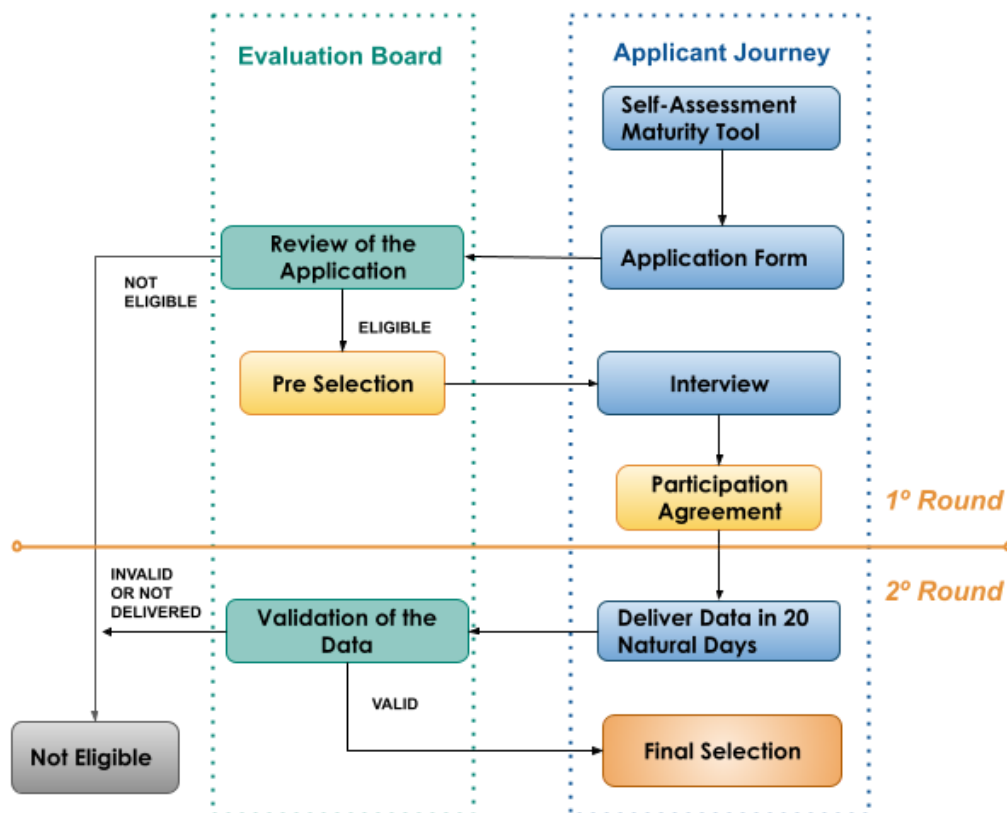
The main objectives of CREATORS are:

- Accelerate the integration of CES across Europe
- Enhance commercial readiness of CES
- Unlock over 60% of local renewable energy generation
- Increase flexibility and local grid balancing
- Activate and empower consumers and prosumers

3. Procedure to receive the pre-feasibility study

3.1. The Open Call Process

The Open Call process will be as described in the figure below.



The Applicant Journey will consist of two rounds that the applicant must successfully pass.

First Round

First the applicant must fill in the Self-Assessment Maturity Tool to understand the maturity level of the project. The next step is to fill in the application form through the CREATORS' website. The

application form must comply with the criteria in section 3.3 and will be evaluated by the evaluation board. If the project is pre-selected, the applicant will be invited to an interview and if favorable, a participation agreement will be signed. After this, the pre-selected applicant will pass to the second round.

Second Round

In the second round, the applicant has 20 natural days to submit all the required data for the quality validation. If the data is not submitted or not valid, the application will be discarded. Otherwise if all the information is correctly submitted on time, the applicant is finally selected and granted the study.

3.2. Application

The self-assessment maturity tool will be online in this link ¹: [Self-Assessment Maturity Tool](#)

Applications need to be submitted online through this link²: [Open Call submission](#)

The call opens on February 28th and the deadline for application is April 25th.

3.3. Eligibility Criteria

This section focuses on the eligibility criteria, grouped into the following categories:

Location

The site must be located in EU Countries or Islands belonging to the Member States of the EU.

Beneficiaries

Public entities, private entities, prosumers, energy cooperatives, energy communities, local authorities, Consortium, physical person, etc

Timely submission

To be eligible for this technical support call, the complete application must be submitted via the online form by April 25th 23:59 (CET). If the application is eligible for the 2^o round, the applicant must also submit all the required data on time.

Language

English is the official language of the open calls. The board evaluating the applications for support will be composed of evaluators from different EU countries, therefore the application form must be completed in english.

Availability of Data

In order to be able to perform the study the beneficiary must provide data for the study.

Consumption Data: The applicant should be able to provide consumption data of the members of the energy community. These data must contain information about annual energy consumption, contracted power, energy billing and consumption data from DSO preferably on a time-base of 15-minutes interval, but also acceptable hourly intervals.(*)

¹ <https://www.creators4you.energy/self-assesment-maturity-tool/>

² <https://www.creators4you.energy/open-call/>



Generation Data: When there are generation sources installed in the site, the applicant must be able to provide annual data preferably on a time-base of 15-minutes interval, but also acceptable hourly intervals.(*)

Other Data: Other data helpful to conduct the study such as storage units, single lines diagrams, etc

(*) Note: The data must be submitted for a full-year period, however when the period of data available is lower than a year due to external causes, such as new generation assets or new buildings, they will also be eligible for the study.

Duration of the support

The applicant must be collaborative to ensure that technical assistance on the proposed project can be provided within the timeline agreed.

3.4. Evaluation of applications

Each application is evaluated by the evaluation board.

Firstly the evaluation board will review the application form and if pre-selected will conduct an interview with the applicant to have a deeper discussion about the CES project. If this interview is favorable a participation agreement will be signed with the applicant before collecting any other data.

After this agreement, the applicant will have 20 natural days to submit the required data for the study and the evaluation board will assess the quantity and quality of data and whether it is valid and sufficient to perform the studie. Failure to comply with the data submission will lead to the rejection of the application.

If a pre-selected application is discarded in round 2, the first application in the waiting list will start the process.

3.5. Data Submission Process

Once the applicant has been pre-selected, must submit all the compromised data in a timely manner. The data must be accessible, readable (in common formats such as csv,excel,txt,etc) , easy to treat and sufficient to perform the study.