



# Energy transition and circular economy micro-project – terms and conditions

## 1. General information and aim of the competition

As part of the EETA project, we are organising a competition for micro-projects **on circular economy** and **energy transition** topics. The competition is addressed to students of the universities participating in the ETEIA project. The competition is to be an opportunity to put into practice the knowledge gained during the studies as well as the courses organized within the ETEIA project. The aim is to identify the most innovative and enterprising students.

## 2. Basic rules

The rules of the competition are as follows:

- The competition is open to students of the universities participating in the ETEIA project, namely AGH University of Science and Technology (Poland), University of Trás-os-Montes and Alto Douro (Portugal), and OSTIM Technical University (Turkey).
- Students work under the scientific supervision of their tutors.
- The applications can be submitted either by a single idea holder or by a team represented by a contact person. There is no preset number of members in a team. The participation of a team is welcome and appreciated, especially when the team is covering different competencies required in running ideas.
- Each student or team can submit a maximum of two projects.
- Find the **application form** on the below link. The form is to be submitted via following form: [Application Form](#) by November 15, 2022.
- Proposals must be in the national language or in English.
- The students present their projects to a jury and audience (15 minutes presentation). Each member of the jury and audience can ask questions.
- The jury selects the 1st, 2<sup>nd</sup>, and 3rd place winners in secret deliberations.
- Winners, three from each University, will be awarded with a money prize for an idea implementation (in one of the forms listed in point 4): 1st prize: € 1000, 2nd prize: € 750, 3rd prize: € 500.



### 3. Detail topics

The specific themes of the expected micro-projects are as follows:

#### ECO-ENERGY

- Eco-energy production and storage
- Waste2Energy
- Plants2Energy
- Smart grids

#### RESOURCE MANAGEMENT

- Rain/drain water saving
- Biomaterials
- Using plants (reduction of pollutants, CO<sub>2</sub> capture etc.)

#### CIRCULAR ECONOMY

- Waste2Construction
- Reuse of waste
- Upcycling
- 0 waste products/services
- Reusing industrial heritage [it can be something small like equipment, tool]
- Land revitalisation

### 4. Stages and forms of the micro-projects

The competitions will have two stages:

I stage: Design + description.

II stage: Implementation in one of the forms:

installation for demonstration

application

management system

improvement of technological process

idea for new application of 0/less waste product/service

others.

### 5. Evaluation criteria

**IMPACT** means the extent to which the intervention has generated or is expected to generate significant positive, intended effects for the environment, society, and economy. So the question "What difference does the intervention make?" need to be answered. This criterion seeks to identify the social, environmental, and economic effects of the intervention that are longer-term or broader in scope than those already captured under the effectiveness criterion. Beyond the immediate results, this criterion seeks to capture the indirect, secondary, and potential consequences of the intervention. It does so by examining the holistic and enduring changes in systems, and potential effects on people's wellbeing, human rights, and the environment. In the context of the project theme, the environmental impact will be rated highest.

**INNOVATION** answers the question to what extent is a micro-project introducing a new solution? Innovation means a new solution in the given country.

**EFFECTIVENESS** means the extent to which the intervention achieved, or is expected to achieve, its objectives and its results, efficiently and coherently. So the question "Is the intervention achieving its objectives?" need to be answered.

**UTILITY** answers the questions: Does the micro-project have a practical application? To what extent do the effects of an intervention satisfy stakeholders' needs?

**ADDED VALUE** means solving two or more problems in one micro-project proposal, the possibility of using the installation for education and awareness raising.

**Evaluation scale:** in relation to each of the criteria (above), each project will be scored from 0 to 5 according to the following scale:

0	<b>Non-existent:</b> no relevant information- provided in the application form or cannot be judged because out of range
1	<b>Very poor:</b> the criterion is addressed in a very incomplete and unsatisfactory manner
2	<b>Poor:</b> there are serious inherent weaknesses in relation to the criterion in question
3	<b>Fair:</b> while the proposal addresses the criterion, there are significant weaknesses that would need correction
4	<b>Good:</b> the proposal addresses the criterion well, although some improvements are possible
5	<b>Excellent:</b> the proposal successfully addresses all the relevant aspects of the criterion in question. Any shortcomings are minor only

## 6. Jury members

Each institution will determine the composition of a five-member jury from among the University's staff, with at least one person being a member of the ETEIA project to oversee compliance with the project's themes and expectations.

## 7. Timetable

The competition schedule is as follows:

What?	Who?	When?
Competition announcement (on the ETEIA website, and partner institutions' websites)	ETEIA project partners	July 15, 2022
Deadline for submission of micro-projects	Students	November 15, 2022
Determining the composition of the jury	ETEIA project partners	November 20, 2022
Presentation of micro-projects. Secret jury deliberations. Announcement of winners.	Students and jury	November 30, 2022
Implementation of the best projects	Winners	December 31, 2022

## 8. Contact person

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