ETV Support

Instructions and process description

Introduction

Environmental Technology Verification (ETV) is a tool designed to help innovative environmental technologies access the market. It consists of the verification, on a voluntary basis, of the functional and environmental performance of a technology by qualified third parties, through tests of controlled quality. The end product is an ETV Statement of Verification published on the ETV website and used in business-to- business relations. This enables technology owners to document the reliability of their claims and differentiate from competitors, and it helps technology purchasers identify innovations that suit their needs.

ETV is implemented by accredited Verification Bodies in three technology areas:

- Water treatment and monitoring (e.g., monitoring water quality, treatment of drinking water and waste water)
- Materials, waste and resources (e.g., separation and sorting of solid waste, recycling of materials, end-of- life products and chemicals, biomass-based products)
- Energy (e.g., renewable energy, energy generated from waste, energy efficiency)

Technologies can be proposed for verification if they are ready for market (TRL 7 to 9, exceptionally 6) and if they present an innovative aspect and environmental added-value in comparison with relevant alternatives on the market. Interested technology developers are invited to contact one of the 12 accredited Verification Bodies early enough in their development project to plan for the verification procedure and tests in good time and thereby save costs.

Verification under the EU ETV Programme is neither a pass or fail system nor a certification against a set of predefined criteria or standards giving e.g. a CE-marking. Instead, it is a dynamic process involving the proposer as much as the entities responsible for the verification tasks aiming at:

- an independent proof of verifiable performance parameters
- a way to validate innovative technological features which satisfy specific user needs
- a tool to demonstrate an added value for the environment

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Verification under ETV is concerned with the technical design of a technology, not with the production series of industrial products

Additional information and contact details: https://ec.europa.eu/environment/ecoap/etv_en

1. Eligibility criteria – who can apply

The call is open to any partner of participating KICs (EIT RawMaterials, EIT Climate KIC, EIT Food, EIT Manufacturing and EIT UrbanMobility) with a technology included in any of the previously defined areas that has been supported in any ongoing or finished demonstration project. This call is also open to start up supported by any of the participating KICs.

The technology to be verified should comply with the ETV eligibility criteria:

- TRL 7-9 (exceptionally 6)
- One of the three technological areas described in the introduction of this document

This call is designed for individual applicants, so no consortia will be eligible but just individual partners, only the technology owners can apply to this call.

This call is made available to prospective applicants through the participating KICs websites.

2. Output and Deliverables

The winning applicant should develop a short final report including a clear description of the different steps to go through the verification process.

The winning applicant should also provide the final verification statement.

3. Specific rules on funding

Funding will be provided to cover the costs of activities necessary to go through the Verification process. It is expected that the funding will be used to cover personnel costs to deal with the procedural activities of the verification process and the sub-contracting of the Verification Body in charge of the verification process, funds could be also used to carry out any testing process required by the Verification body.

The winning applicant will follow the administrative rules of the its partnering KIC; however, considering there are a number of partners participating in several KICs, the winning applicant participating in several

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KICs should choose the one doing the administrative follow up of the project although the Cross KIC group will also participate in this follow up from the technical side.

Note that, unlike for the 'standard' KAVA projects:

1. There is no co-funding requirement, *but co funding from applicant regarding personnel cost will be positively considered.*
2. There is no requirement to contribute KCAs (KIC Added Value Activities).
3. Cross KIC Group intends to take an active role for the technical follow up of the project; details to be agreed with the winning applicant.
4. The following cost categories do not apply:
    a) Cost of large research infrastructure
    b) Equipment and infrastructure depreciation
    c) Prizes
    d) Scholarships
    e) Sub-granting ('Task Partners')
    f) Unit costs EIT labelled Master programmes (AVSA)
    g) Unit costs EIT labelled PhD programmes (AVSA)

The maximum project budget will be 75.000 euros (including co funding if considered). Personnel costs as well as subcontracting costs for verification body and testing should be clearly described and justified

4. Other conditions and information

1. Pre-financing from KIC doing administrative control will be distributed according to the same rules and with the same timeline applicable to BP2020 projects.
2. All the funds awarded in this call must be fully expended by 31 December 2020.
3. All activities supported in this call must be fully completed by 31 December 2020.
4. Project selected in this Call need to follow the regular Business Plan reporting cycle and rules.
5. Each proposal must have a short final report to be described in detail in the proposal:
    a) Short final report including a description of the activities required to achieve the verification.

5. Selection criteria

Proposals will be evaluated by the Cross KIC Group using the criteria listed below. Based on the evaluations and the overall available funding, the Cross KIC Group will rank the proposals and select the winning proposals. The total maximum score for a project is 10.

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Maximum score	Description of criteria
3	1. Technology description, TRL justification and environmental/Circular added value.
7	2. Clear description of applicant interest to go through the verification process including clear description of expected benefits to reach the market for the proposed technology (initial contacts with possible verification bodies and co funding regarding personnel costs will be positively considered)

Evaluation scale: In relation to each of the criteria above, the score ranges from 0 to 5 according to the following scale:

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

Coordinator of the project selected for funding will be informed by the Cross KIC Group after approval.

Proposal submission

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Proposals should be submitted by email to:

Ignacio.calleja@eitrawmaterials.eu

Opening call:	19th March 2020
Closing call:	30th April 2020
Evaluation:	May 2020
Project starts	15th June 2020
Project finalises:	31st December 2020 latest

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