Evaluation of the ETV Pilot Programme

Fields marked with * are mandatory.

Evaluation of the Environmental Technologies Verification (ETV) Pilot Programme

Introduction to this public consultation

This consultation is available in **Czech, Danish, Finnish, French, German, Italian, Polish and Spanish**. Answers can be sent in **all languages.**

1. About the EU Environmental Technology Verification Pilot programme

Environmental Technology Verification (ETV) provides credible, reliable and independent verification of the performance of environmental technologies. ETV is particularly suitable for environmental technologies with innovative features or performance that cannot be fully assessed using existing standards.

The EU ETV scheme offers a verification procedure to developers of cutting-edge environmental technologies that may otherwise find it difficult to establish the environmental added value of their product. The primary client target group for the Programme are small and medium sized enterprises (SMEs), although all developers and manufacturers are welcome to apply.

The Pilot programme offers verification in three technology areas: i) Energy technologies; ii) Materials, waste and resources; and, iii) Water treatment and monitoring.

The EU Environmental Technology Verification (ETV) Pilot Programme became operational in 2013. It established a third-party verification process implemented by accredited Verification Bodies located in seven EU Member States (Czech Republic, Denmark, Finland, France, Italy, Poland and the UK). However, the Pilot Programme is open to all companies, both within and outside the EU.

The verification procedure allows for an independent assessment and validation of the manufacturer's claims on the performance and environmental benefits of their technology. The first indications on the cost of ETV processes point to an average of around €20,000, with the cost of the first step (quick-scan) below €2,000.

ETV is neither a label nor a certification scheme, as ETV does not prove the conformity with a particular standard (as certification does) or with a set of pre-defined criteria (as labels do). ETV ensures that the technology performance claims are accurate and complete so as to present a clear assessment of the

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entire technology's potential and value. The information provided, in the form of a Statement of Verification, gives the possibility for direct and objective comparison between different technologies reducing the risk on adopting new technologies and encouraging informed and sound investments.

A successful product verification ends with a *Statement of Verification (SoV).* The (SoV) is public and can be used to compare performance parameters. It can therefore be an extremely useful tool to convince third-parties, such as industrial or public authority end-users, of the merits of an environmental technology, potentially enhancing its market value and acceptance.

2. Reasons for this Public Consultation

The performance of the ETV Pilot Programme is being evaluated during 2017. The purpose of this consultation is to give all stakeholders an opportunity to provide insights on their awareness of the ETV Pilot, the perceived or actual benefits of the ETV process and the lessons learned. The results will feed into the evaluation. **The survey will be open until 31 October 2017.**

A stakeholder forum is scheduled for 28th September 2017 and will enable stakeholders to exchange views on ETV evaluation. More information for this event will be listed on the [DG ENV website](#).

Should you have any question regarding the scope of the evaluation, please communicate such requests to the functional mailbox: ENV-ETV@ec.europa.eu

Background documents
[ETV_Evaluation_Consultation_Strategy_final.docx](#)

[Evaluation roadmap](#)

About you

Please read carefully this privacy statement before you start replying to personal questions.
[Privacy_statement.doc](#)

* You are replying
- ○ As an individual, in a personal capacity
- ● In your professional capaticy

* First name

> Christian

* Last name

> Loderer

* Professional email address

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*Name of organisation

Kompetenzzentrum Wasser Berlin gGmbH

*Address of organisation

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*Is your organisation included in the Transparency Register?

○ Yes
◉ No
○ Not applicable
○ Don't know

*Country of residence of organisation

○ Austria
○ Belgium
○ Bulgaria
○ Croatia
○ Cyprus
○ Czech Republic
○ Denmark
○ Estonia
○ Finland
○ France
◉ Germany
○ Greece
○ Hungary
○ Ireland
○ Italy
○ Latvia
○ Lithuania
○ Luxembourg
○ Malta
○ Netherlands
○ Poland
○ Portugal
○ Romania
○ Slovak Republic
○ Slovenia
○ Spain
○ Sweden
○ United Kingdom

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- ⚪ other Europe
- ⚪ other non-Europe

* Your contribution
- 🔘 Can be published with your organisation's information
- ⚪ Can be published provided your organisation remains anonymous

Please choose the sector that best describes your organisation
- ⚪ Agriculture
- ⚪ Forestry
- ⚪ Mining & Extraction
- ⚪ Manufacturing
- ⚪ Energy supply
- ⚪ Water supply
- ⚪ Waste treatment
- ⚪ Construction
- ⚪ Transport services
- ⚪ Information & Communication
- ⚪ Financial services
- 🔘 Research & Development
- ⚪ Professional services
- ⚪ Education & Training services
- ⚪ Local / Regional / National government
- ⚪ Other

* Organisation type
- ⚪ Public sector
- ⚪ Private company
- ⚪ Public-private company
- ⚪ Non-governmental organisation
- 🔘 Other

Specify the organisation

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Private non-profit
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* Choose the category which best describes your relationship to environmental technologies
- ⚪ Environmental technology developer
- ⚪ Environmental technology end user
- ⚪ Environmental permitting authorities
- ⚪ Public sector environmental policy officer
- ⚪ Investor
- ⚪ Consultant
- ⚪ NGO
- 🔘 Other

Specify the category

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Applied research
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Questions to inform the evaluation of the EU ETV Pilot Programme

* 1. What motivated you to participate in this survey?
- ○ I know a lot about the EU ETV Pilot programme and wanted to express my views
- ● I am aware of the EU ETV Pilot programme and wanted to express my views
- ○ I was not aware of the EU ETV Pilot programme, but wanted to express my views on this type of programmes
- ○ I was not aware of the EU ETV Pilot programme but was interested to learn more about it
- ○ Other

* 2. How did you first hear about the EU ETV Pilot programme?
- ○ EU ETV website
- ○ EU ETV newsletter
- ○ EU ETV Stakeholder Forum
- ○ EU ETV Video on Youtube (subtitles available in 8 languages - please open in new tab)
- ○ LinkedIn ETV network (please open in new tab)
- ○ Environmental Trade Fair (which)
- ● EU funding programme (e.g. Horizon 2020, LIFE, Eco-Innovation Market Replication programme)
- ○ Other EU website or document (e.g. Eco-innovation, Circular Economy, Green Action Plan)
- ○ Member State government or agency website
- ○ Verification Body (under the EU ETV Pilot)
- ○ National ETV scheme (e.g. Denmark, France)
- ○ International ETV scheme (outside the EU)
- ○ Independent testing centre
- ○ Other

* 3. Did you receive enough information directly about the EU ETV or did you have to actively search for it?
- ○ Yes, I received enough information directly
- ● No, I had to actively search for information on EU ETV
- ○ Don't know

* 4a. Has the EU ETV Pilot programme been effectively promoted?
- ○ Yes
- ● No
- ○ Don't know

What did not work well with respect to promotion of the EU ETV?

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Not visible
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* 5. Have you been actively involved with the EU ETV Pilot Programme?

◉ Yes

◯ No

* 5a. How have you been actively involved?

◯ As a technology producer presenting a technology for verification or considering to do so

◯ As technology user or purchaser looking for information on technology performance

◯ As a verification body, a test body or an expert involved in a verification process under ETV

◯ As an organisation interested in ETV or in technologies in general

◉ Other involvement

Specify other involvement

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Project coordinator of H2020 POWERSTEP with ETV by partners
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* 6a. Have you any experience of a technology verification under the EU ETV Pilot Programme?

◯ Yes

◉ No

6b. What benefits would you expect from a technology verification under the EU ETV scheme? (Pl ease rank up to 3 benefits, with the most important first)

at most 3 answered row(s)

	Most important	Important	Less important
Increases the credibitily of SMEs	☐	☐	☐
Facilitates entry into home market	☐	☐	☐
Facilitates entry into EU 28 markets	☑	☐	☐
Facilitates entry into international (non-EU) markets	☐	☐	☐
Provides greater EU market entry potential than Member State ETV schemes	☐	☐	☐
Allows product to compete against competitors	☐	☐	☐
Increases speed to reach market	☐	☐	☐
Increases market acceptance by customers	☐	☑	☐
Informs customer of relevant environmental impacts of products	☐	☐	☐
Facilitates environmental regulatory approval of innovative technologies	☐	☐	☑
Facilitates access to new financing and investment	☐	☐	☐
Don't know	☐	☐	☐

| Other | ☐ | ☐ | ☐ |

* 6c. Are there any drawbacks to technology verifications under ETV?

- ◉ Yes
- ◯ No
- ◯ I don't know

Do you see any of the following as a drawback (please rank up to 3 drawbacks, with the most critical first)

at most 3 answered row(s)

	Most critical	Critical	Less critical
The costs of undertaking a verification	◯	◉	◯
there are limited or no public subsidies to help offset the costs of verification	◯	◯	◉
The potential benefits to companies of having a verified product are uncertain	◉	◯	◯
The recognition of the EU ETV scheme is not wide enough to provide benefits	◯	◯	◯
There are commercial risks from completing the verification process	◯	◯	◯
There are alternative routes to market for innovative products which are better	◯	◯	◯
None applicable	◯	◯	◯

Please elaborate on the issue of costs, particularly if you can provide actual costs of a technology verification under ETV.

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High costs (>25k€) with uncertain ROI, uncertain costs of ISO analytics
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* 7. How reliable in your view are technology producers' claims on the performance of new technologies in your sector of activity?

- ◯ Producers' claims are generally reliable
- ◯ They are reliable only if supported by test results provided by the producer
- ◯ They are reliable only if verified by independent third parties based on test results
- ◉ They are never reliable, you need to test the technology yourself before any decision can be taken
- ◯ I don't know

* 8. Have you developed a novel technology?

- ◯ Yes
- ◉ No

*9. Are you a potential buyer of environmental technologies?

○ Yes

◉ No

*10. Are you a potential investor in new environmental technologies?

○ Yes

◉ No

11. Have you any experience of the public purchasing of environmental or innovative technologies (either as public purchaser or technology provider or user)?

◉ Yes

○ No

*How useful is the EU ETV as a tool to support the development, pre-procurement or procurement of innovative technologies?

○ Very useful

○ Quite useful

◉ Not very useful

○ Not at all useful

○ I don't know

Please explain your answer

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R&D center testing new technologies for clients
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12. Have you any experience of environmental regulations (either as regulator or technology provider or user)?

◉ Yes

○ No

*How useful is the EU ETV as a tool to help implementing environmental regulations?

○ Very useful

○ Quite useful

◉ Not very useful

○ Not at all useful

○ I don't know

*In the case of performance based environmental regulations (such as the EU Industrial Emissions Directive), how useful ETV is or should be in identifying potential Best Available Technologies?

○ Very useful

○ Quite useful

○ Not very useful

○ Not at all useful

◉ I don't know

Please explain your answer

* 13a. How useful is the EU ETV Pilot programme in the overall set of non-financial EU support measures which target the commercialisation of technologies developed by SMEs?

- ○ Very useful
- ○ Quite useful
- ● Not very useful
- ○ Not at all useful
- ○ I don't know

Please explain your answer

ETV is not known by customers

* 13b. To what extent is the ETV approach, as implemented in the EU Pilot Programme, consistent with the overall rationale of key EU policies supporting eco-innovation and resource efficiency (e.g. Eco-innovation Action Plan, Circular Economy Action Plan, Green Action Plan for SMEs) ?

- ○ The EU ETV approach is very consistent with EU policies and helps to operationalise these policy objectives well
- ● The EU ETV approach is fairly consistent with EU policies, but improvements are necessary to enhance its operational efficiency
- ○ The EU ETV approach is not really consistent with EU policies
- ○ The EU ETV approach is not at all consistent with EU policies
- ○ I don't know

Please explain your answer

ETV good in principle, but implementation needs to be improved

* 14. Has the EU ETV Pilot Programme prioritised the right technology areas?

- ● Yes the technology areas are the right ones
- ○ Yes, but it should include additional areas
- ○ No
- ○ I don't know

Please explain you answer, stating particular technology sub-sectors if it helps.

15. What aspects of the EU ETV programme have worked or have not worked? Please rate the following aspects of the EU ETV Pilot Programme and, if necessary, provide further views to justify your answer.

	Has worked well	Has worked quite well	Has not really worked	Has not worked at all	Don't know
*Establishment of the Verification Bodies across the Pilot Programme	○	○	●	○	○
*Development of the methodological framework and guidance documents for the EU ETV	○	●	○	○	○
*Practical application of the verification process by the Verification Bodies in the three technology areas: **1)** Energy technologies	○	○	○	○	●
***2)** Materials, waste and resources	○	○	○	○	●
***3)** Water treatment and monitoring	○	○	●	○	○
*The use of Technical Working Groups to provide peer review on verifications	○	○	○	○	●
*Promotion of verified technologies to potential technology users	○	○	●	○	○
*Measures to increase credibility of the EU ETV to a global audience (e.g. through the contribution to the development of the ETV international standard ISO 14034)	○	○	○	○	●

Please explain your answers

16. Are there any additional points you wish to make about the EU ETV Pilot programme and why?

If you wish to upload any documents to help illustrate key points or to address aspects of the evaluation, please do so here

*17. Would you like to be further involved in the evaluation (for example, by being invited to stakeholder events)?

● Yes please
○ No thank you

Contact

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