

EU ENVIRONMENTAL TECHNOLOGY VERIFICATION (ETV)

ETV is a service provided by the European Commission to help technology providers with new innovative environmental technologies reach the market with a competitive advantage.

The ETV process takes the technology through a **third-party validation** which assesses the performance of the technology based on independent and credible information based on the internationally recognised ISO standard 14034. The result is a 'Statement of Verification' that details that the technology performance claims are complete, fair and based on reliable test results. With proof of performance credibly assured, innovations can expect an easier market access and/or a larger market share and the technological risk is reduced for technology purchasers.

WHO IS ETV ADDRESSED TO?

- Technology developers
- Technology investors
- Environmental technologies buyers
- Policymakers
- Environmental technology associations or networks

ETV is a transparent process that provides credible and impartial results. ETV helps technology providers showcase their novel solutions as viable and promoting an increase in uptake amongst purchasers and investors.

WHICH TECHNOLOGIES CAN APPLY?



Water treatment and monitoring



Energy technologies



Materials, waste and resources



Soil and groundwater monitoring and remediation



Cleaner production and processes



Environmental technologies in agriculture



Air pollution monitoring and abatement

A STEP BY STEP PROCESS



Contact Phase

 Proposer contacts a Verification Body (VB) for information and eligibility



Specific Protocol Preparation Phase

- VB and proposer to agree on detailed plan with verification parameters to be verified and test data requirements, testing methods, calculation methods etc.
- VB will assess the existing data and decide if further testing is needed



Assessment and Verification Phase

- Verification body reviews the final set of data to conclude the verification process
- VB develops the verification report and Statement of Verification



Proposal Phase

- Proposer submits a proposal for verification including initial performance claim and available test results
- VB assesses the eligibility of the technology, revises the initial performance claim and provides cost estimate. A contract is drawn up.



Testing Phase

When further tests are needed

If the existing data does not meet the requirements, the proposer is required to perform additional testing which often follows the following steps:

- Testing plan to be created based on claims
- Test bodies and laboratories implement tests, find results and draft test report.

COSTS

The ETV process costs between €10 000 and €40 000 per technology (with an avg cost of €15 000). The final cost depends on the specific technology, technology area, target market and quality of existing test data. To keep costs low funding schemes are available. Visit our website to contact a VB and get a more accurate picture of the costs for your technology.

BENEFITS

"We found a number of advantages with ETV ... especially the independent 'outside look' to validate environmental functions and performances. ETV proved a better route than 'private' certifications."

Futura Mat

"The Statement of Verification... confirms independently that the products work. This shortens the time to build the investment case and leads to a swifter investment decision by investment funds."

Yellow & Blue Investment Management



Publication Phase

 Statement of Verification issued, registered and published on the official EU ETV website



CONTACT US!

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https://ec.europa.eu/ environment/ecoap/etv_en