Success thanks to credibility





Institute for Ecology of Industrial Areas



Verification of innovative water technologies performance under EU ETV

Environmental Technologies Verification Body www.etv.ietu.pl



Investors dealing with water issues typically look for technologies which correspond to their specific needs while allowing reduction of operational costs or fees resulting from the use of water and discharge of wastewater, improving the efficiency of their operations, reducing water consumption etc. Ecoinnovative water solutions play an important role in meeting these needs. However, their market uptake is often impeded by lack of credible information on their performance and benefits from their use. ETV addresses this gap by providing reliable, third party confirmation of the performance of technologies based on quality test data and factual approach.

Our ETV service

Environmental Technologies Verification Body at the Institute for Ecology of Industrial Areas (JWTŚ- IETU) offers a credible, scientifically-sound way to prove the performance claims of innovative water technologies, so that they can be marketed successfully.

We validate innovative features of a technology that make it unique to enhance its market prospects especially when its performance goes beyond compliance to any relevant regulations or standards.

Our verifications are performed under the Programme of Environmental Technologies Verification of the European Union (EU ETV).

By verifying the performance of a technology we deliver a credible, third party assessment that its technical design ensures the fulfilment of a given performance claim in a specified application, taking any measurement uncertainty, relevant assumptions and limitations into consideration. The end products of the verification are: a **Verification Report** and a **Statements of Verification**.

Statements of Verification issued under the EU ETV are registered by the European Commission and published on a dedicated website. When requested by the client, verifications can be performed for non-EU markets such as United States, Canada, and Asian markets.

We perform verifications of technologies for:



monitoring of water quality for microbial and chemical contaminants (e.g. test kits, probes, analysers),



treatment of drinking water for microbial and chemical contaminants (e.g. filtration, chemical disinfection, advanced oxidation) and desalination of seawater,



treatment of wastewater for microbial and chemical contaminants (e.g. separation techniques, biological treatment, electrochemical methods, small-scale treatment systems for sparsely populated areas),



treatment of industrial water (e.g. disinfection, filtration, purification).

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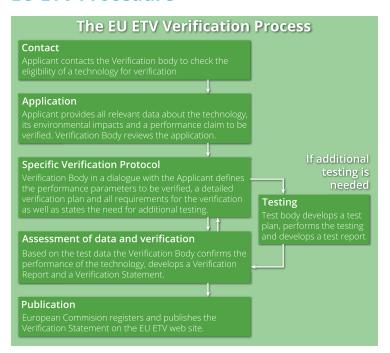
Who may apply for verification?

- manufacturers offering innovative solutions for water and wastewater treatment
- purchesers such as water and wastewater treatment plants interested in investing in innovative technologies and large enterprises looking for technology solutions addressing their water issues in an innovative way ETV as a element of precommercial procurement or a tendering procedure could help selecting technology that best fits the needs and thus reduce investment and technological risk
- **scientific-industrial consortia** implementing projects aimed at demonstration of innovative water technologies
- **spin-outs** offering innovations for water sectors
- **financial investors** interested in funding promising, reliable eco-innovative technologies EU ETV verification can confirm the relevance of the investment

Benefits of the EU ETV Statement of Verification

- helps reaching international customers through validated technology performance claim integrating customers' specifications
 in the target markets and reducing risks for investors
- adds credibility to the technology and the provider
- eliminates the need to perform costly tests and demonstrations for investors' needs
- helps distinguish a novel technology on the market by showing how it compares with competitors on the market
- enables bidders in public procurement procedures to offer tangible proof that the claims they make about the performance of the technologies are credible and are based on independent analysis

EU ETV Procedure



Quality standards

The quality, impartiality and credibility of our verifications are guaranteed by:

- accreditation of the Polish Centre for Accreditation for compliance to
 PN-EN ISO / IEC17020 standard for the inspection body type A (Accreditation Certificate No. AK026)
- inspection body type A (Accreditation Certificate No. AK026)robust verification procedure in
- PCA
 POLSKIE CENTRUM
 AKREDYTACJI

 OLINSPEKCJA

compliance to the EU ETV General AK 026
Verification Protocol

 quality of the test data used for the verification which shall comply to ISO / IEC 17025 requirements

More information about the EU ETV Programme:

European Commission:

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



Contact:



