

AdvanceETV events

Within AdvanceETV three stakeholder workshops and three conferences are planned to bring forward the development of a:

- European Environmental Technology Verification (ETV) system that is competitive to non European ETV systems especially to the U.S. American and the Canadian system
- International framework for cooperation and mutual recognition by supporting the cooperation of the European Union and the international ETV activities, e.g. the IWG

The workshops are open to all stakeholders who are willing to contribute to reach the AdvanceETV goals and objectives.

The participation in the workshops offers real benefits for you as a stakeholder:

1. Influencing the design of a globally accepted EU ETV system
2. Ensuring that the connection of the European, US American, and Canadian ETV systems build a strong tool to promote your technology in a global market
3. Defining the context for a reliable technology performance testing
4. Sharing the experience of an internationally ambitious group

Your input is valuable for us!

Make use of the unique chance to integrate your needs in a global system. Help us to support the acceptance of a EU ETV system and to create the best solution for mutual recognition of the different ETV systems.

- Interested in joining the AdvanceETV workshops and conferences?
- Interested in contributing a global accepted ETV system?
- You would like to be kept informed in ETV?
- You would like to be up-to-date about the project?

Please feel free to contact us in order to get more detailed information:

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CONSORTIUM

DECHEMA e.V. – Society for Chemical Engineering and Biotechnology

Frankfurt/Main, Germany (www.dechema.de)

IVL – Swedish Environmental Research Institute

Stockholm, Sweden (www.ivl.se)

DHI

Hoersholm, Denmark (www.dhigroup.com)

IPTS – Institute for Prospective Technology Studies

Seville, Spain (www.jrc.es)

Fundación LABEIN

Derio, Spain (www.labein.es)

UK EA – UK Environment Agency

Bristol, UK (www.environment-agency.gov.uk)

IETU – Institute for Ecology of Industrial Areas

Katowice, Poland (www.ietu.katowice.pl)

Deltares – Stichting Deltares

Delft, Netherlands (www.deltares.nl)

OCETA – Ontario Centre for Environmental Technology Advancement

Mississauga, Canada (www.oceta.on.ca)

CEN – European Committee for Standardization

Brussels, Belgium (www.cen.eu)

Battelle – Battelle Memorial Institute

Columbus, Ohio, United States (www.battelle.org)

et – Environment and technology

Esslingen, Germany (www.et-ertel.de)

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Coordination Action on Environmental Technology Verification

ETV – Building a framework for international cooperation



The framework for Environmental Technology Verification (ETV)

The European Commission adopted its Environmental Technology Action Plan – ETAP (COM (2004) 38) to improve the development and wider use of environmental technologies.

The main objectives of ETAP are:

- Remove the obstacles to obtain the full potential of environmental technologies for protecting the environment while contributing to competitiveness and economic growth
- Mobilise all stakeholders in support of these objectives
- Ensure that Europe provides Best Available Techniques (BAT) in the field of Environmental sound Technologies (EsT's)
- Stabilize the position of the environmental technology industry in Europe

One instrument to achieve the ETAP objectives is technology verification:

Many market ready environmental technologies have the potential to decrease pollution emission, improve the environment and, at the same time, increase the market position of companies. But many of those technologies do not find a way to be accepted in the market because of ignorance of buyers or simply because buyer do not trust unproven technologies and therefore choose established products.

The aim of environmental technology verification is to check technology performance data by an authorized 3rd party using pre-specified technology verification protocols. A successful verification should deliver an independent proof that the technology performance claim of the technology provider is correct and thus ease the diffusion of new EsT's into the market.

A EU ETV system aims to provide the following advantages:

- Ease the introduction of innovative EsT's into the market
- Lower costs for vendors - a single successful verification run to be accepted will provide in the first step acceptance in the EU and aims in a second step for mutual recognition beyond Europe
- Accelerate market acceptance of innovative EsT's by providing buyers with proven information about technology performance
- Reduce the time to market for environmental technologies
- Prove the performance of technologies that are commercially available
- Strengthen the competitiveness of the EU environmental technology sector in a global market

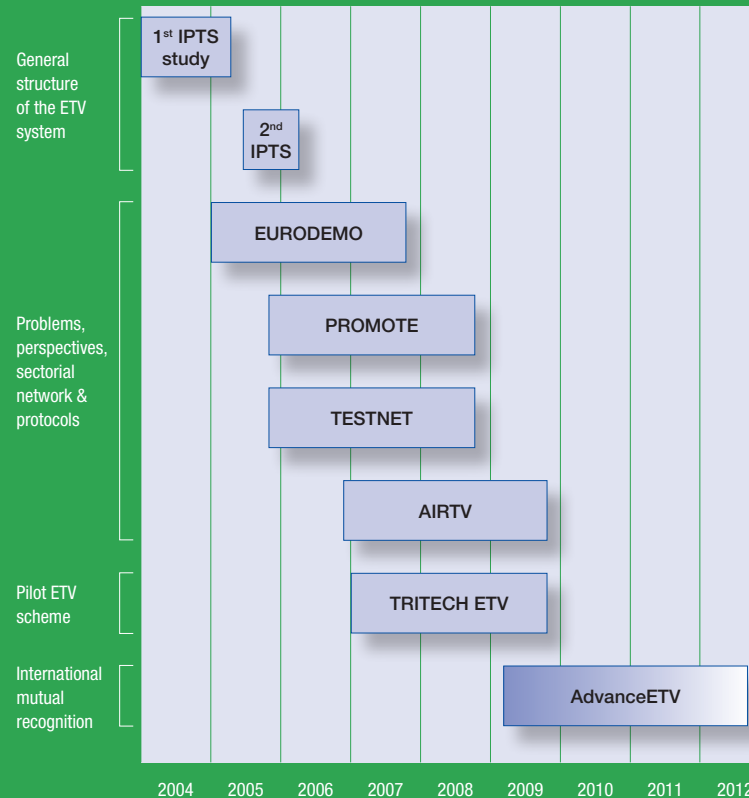


Figure 1: Towards a EU ETV system

Since 2004, the EC has initiated projects that support the development of a EU ETV system (see Figure 1: Towards a EU ETV system). Activities started with review of existing systems and basic structural considerations. The projects followed under FP6 were aiming to sustain the development of an ETV system for specific fields of technology application, for example AIRTV supports the development of an ETV system for air emission abatement technologies and PROMOTE for soil and groundwater remediation technology verification. In the FP6 projects and in TRITECH ETV first pilot verifications were completed. The goal of AdvanceETV is to bring together the EU ETV activities and to link them with outcomes of already existing ETV systems worldwide. The perspective is to support international mutual recognition.

What is AdvanceETV?

AdvanceETV supports the preparation of an Environmental Technology Verification (ETV) system for Europe and its mutual recognition

AdvanceETV is a European Commission funded FP7 coordination action that aims to:

- Support the development of a international recognized European ETV system
- Support the development of a EU ETV-system and its implementation
- Support of integration, coordination, and dissemination of previous and on-going European Research and Technology Development (RTD) efforts and their results into the development of a European ETV system

This requires the following working steps and support by joint coordination activities:

- Providing a European basis for mutual recognition
- Coordinating requirements for co- and joint verification
- Build an international framework for cooperation and mutual recognition by supporting the cooperation of the European Commission and the international ETV activities, e.g. the International Working Group on ETV (IWG)
- Demonstrate that the proposed schemes and protocols for ETV systems have the potential to be recognised internationally
- Developing a framework for international harmonization

The European basis will be elaborated through integrating previous and on-going European RTD. This will be done by bringing together protocols and verification reports out of the ETV related FP6 projects, consolidating stakeholder feedback of RTD and EC activities and by integrating experiences out of the CEN workshop agreement (CWA) elaboration and use. To raise awareness on gaps and overlaps of international cooperation, a case study workshop on co- and joint verification will be initiated together with U.S. and Canadian partners.

To foster recognition by harmonisation, a standardisation framework will be identified for international recognition of the different verification procedures. Cross cutting issue workshops ensure feedback and exchange between these different areas. To bring forward mutual recognition, to support cooperation by co-/joint verification and to promote harmonisation requires a strong link to international ETV activities and the IWG on ETV. A confirmed expert board with ETV system representatives from Canada, U.S., South Korea, Japan, and other provide the direct link.