







<b>Demonstration vs. ETV vs. Certification</b>			
	Pilot and demonstration	Environmental technology verification	Product certification
Technology phase	Late development of product	Product ready for sale	Technology established on market
Documentation reference	Industry practice	EU ETV <sup>1</sup> US EPA ETV	EN 45011 ISO/IEC Guide 65:1996 ISO/IEC Guide 67:2004
Purpose	Proof of concept and suggestions of improvement	Documentation of performance	Documentation of performance compliant with accepted requirements
Provided by	Vendor	Verification and test body	Certifying body
Status	Not independent	Independent	Independent
Performance parameters and requirements	Parameters set by the vendor of one product	Parameters set by the vendors of a technolo- gy/product group and relevant to the users	Parameters and quanti- tative requirements set in performance standard or similar normative document for the technology/industry
Required additional features	None	None	Surveillance of product compliance after certification
Optional additional features	None	None	Inspection of production facilities



## **DANETV** Danish Centre for Verification of Climate and Environmental technologies

- A Danish ETV initiative established in 2008
- Supported by the Danish Ministry of Science, Innovation and Higher Education
- Methodology similar to EU ETV General Verification Protocol
- A cooperation between 5 institutes:
  - DHI
  - FORCE Technology
  - Danish Technological Institute
  - DELTA

DANETV

AgroTech

# ETV in function: DANETV

### Many technology areas covered by DANETV

- Water treatment and monitoring
- Air pollution monitoring and abatement
- Environmental technologies in agriculture
- Renewable energy and energy efficiency technologies

### Status for verifications

- 15 verifications completed
  - ETV-statements available on the DANETV-website
- 4 verifications ongoing





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