



AdvanceETV



Coordination action on Environmental Technology
Verification ETV –
Building a Framework for International Cooperation

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DECHEMA e.V., Frankfurt am Main

„Accelerating Eco-Innovation through Environmental Technologies Verification“

12./13. October 2009

at the Representation of the State of Baden-Württemberg
to the European Union Brussels/Belgium



DECHEMA e.V.

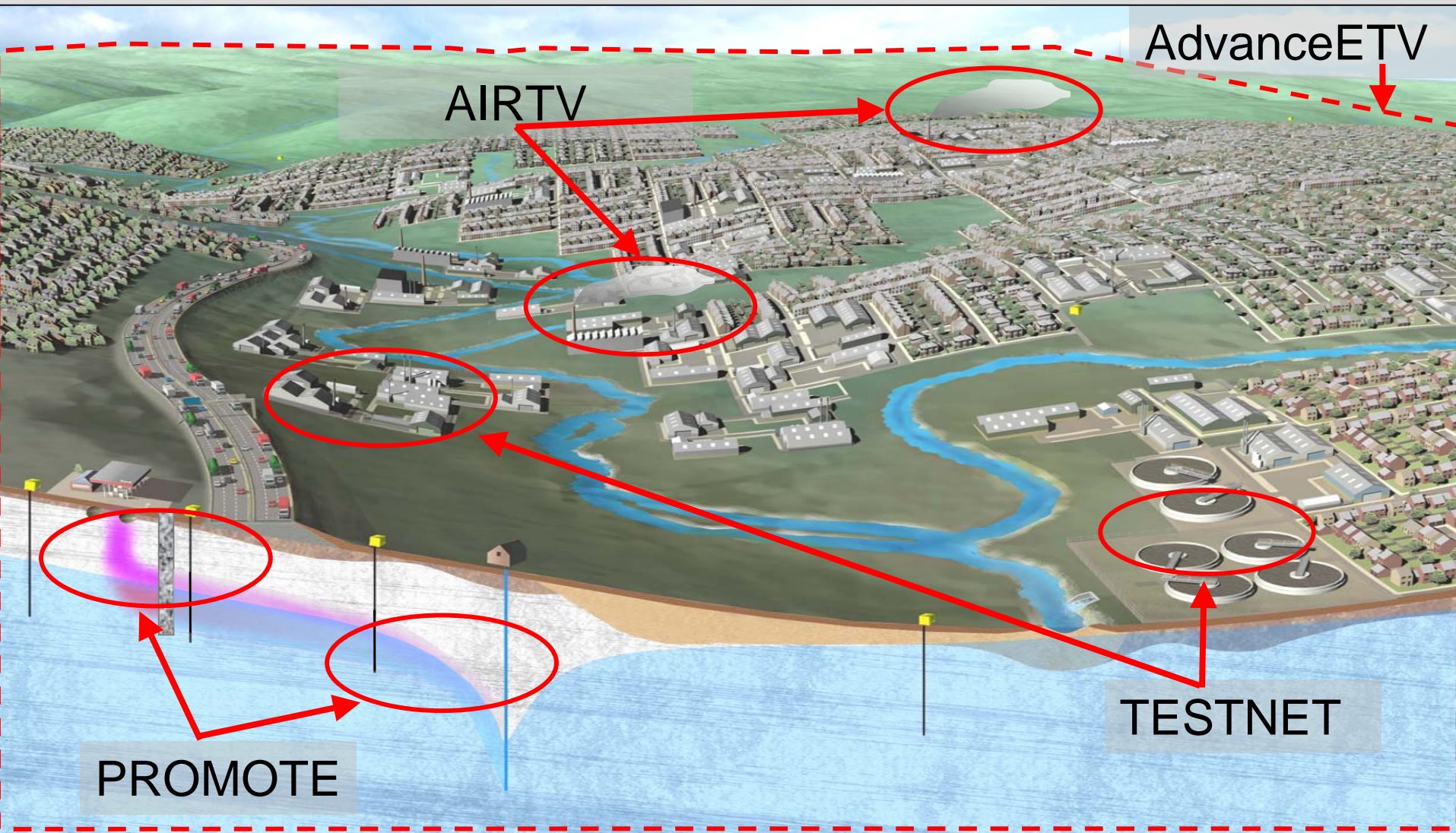
1. Project Consortium
2. Objectives
3. Basis for International Cooperation
4. Structure and Strategy
5. Ways Forward

Project Consortium



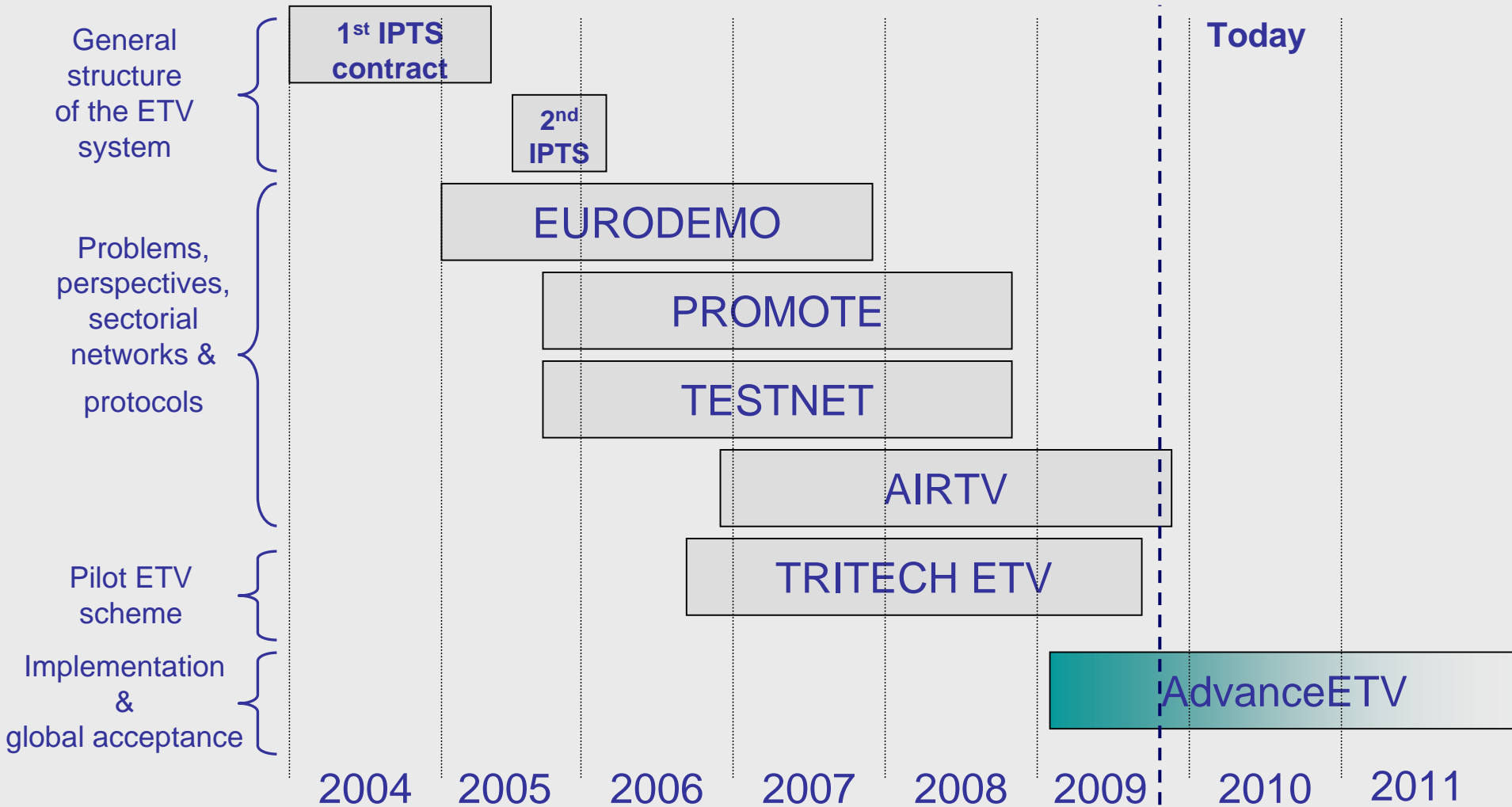
1. DECHEMA e.V., D
2. IVL, Swedish Environmental Research Institute, S
3. DHI, DK
4. JRC-IPTS, Joint Research Centre – Institute for Prospective Technological Studies, E
5. Tecnalia-LAB, Fundación LABEIN, E
6. UK Environment Agency, UK
7. Stichting Deltares, NL
8. IETU Institute for Ecology of Industrial Areas, PL
9. OCETA, Ontario Centre for Environmental Technology Advancement, CDN
10. Battelle Memorial Institute, US
11. CEN, European Committee for Standardization, BE
12. et environment and technology, Dr. Thomas Ertel, D

- 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
- Bring forward the development of a international recognition framework by supporting the EC
- Help to ease the diffusion of new EsT's into the global market





Towards a EU ETV scheme



Preliminary model for a EU ETV scheme

Contact phase: Vendor contacts a Verification centre directly or through a contact point

Application phase: Vendor provides all relevant information, incl. available test results and a draft claim

Claim definition and review: Verification body reviews claims, available data and assesses whether further tests are needed

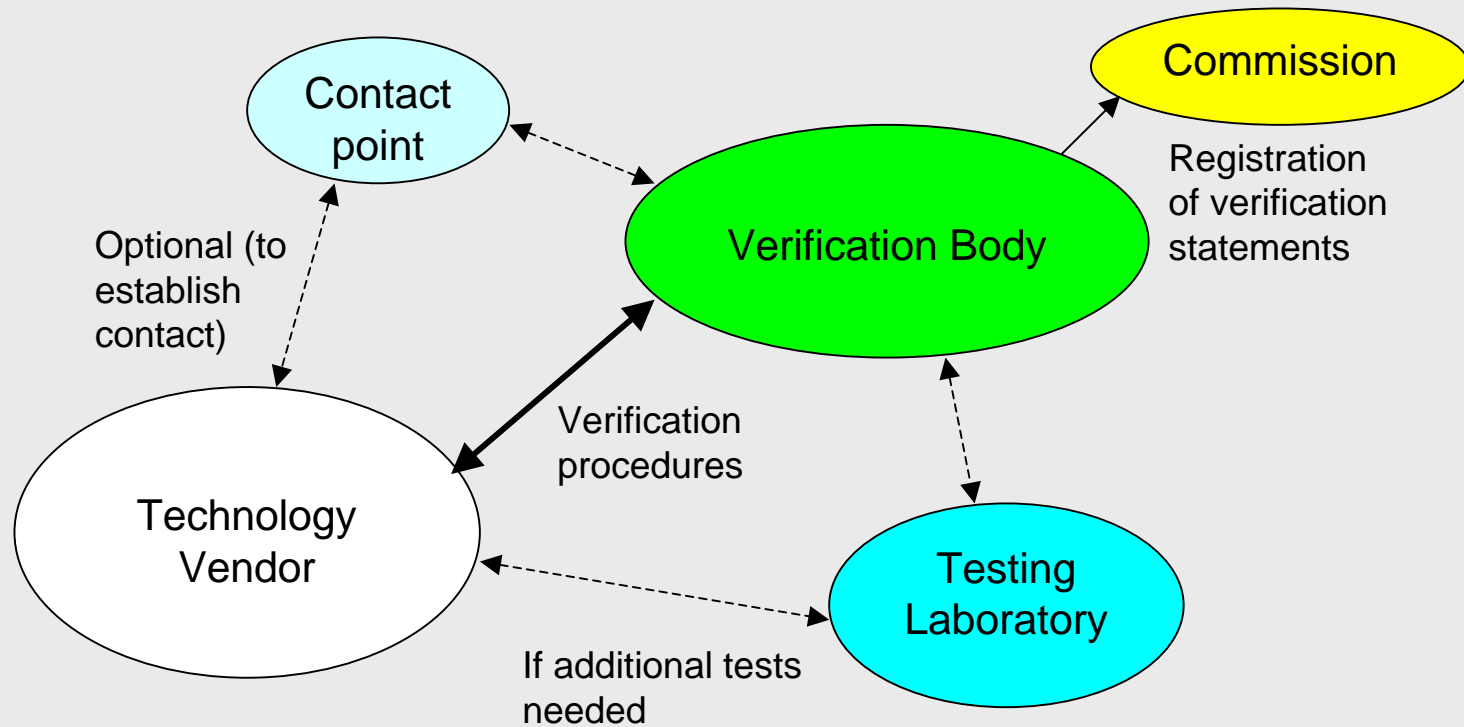
Assessment phase: Final review of data, drafting and review of verification report

Publication phase: Award of verification certificate and publication of synthesis report

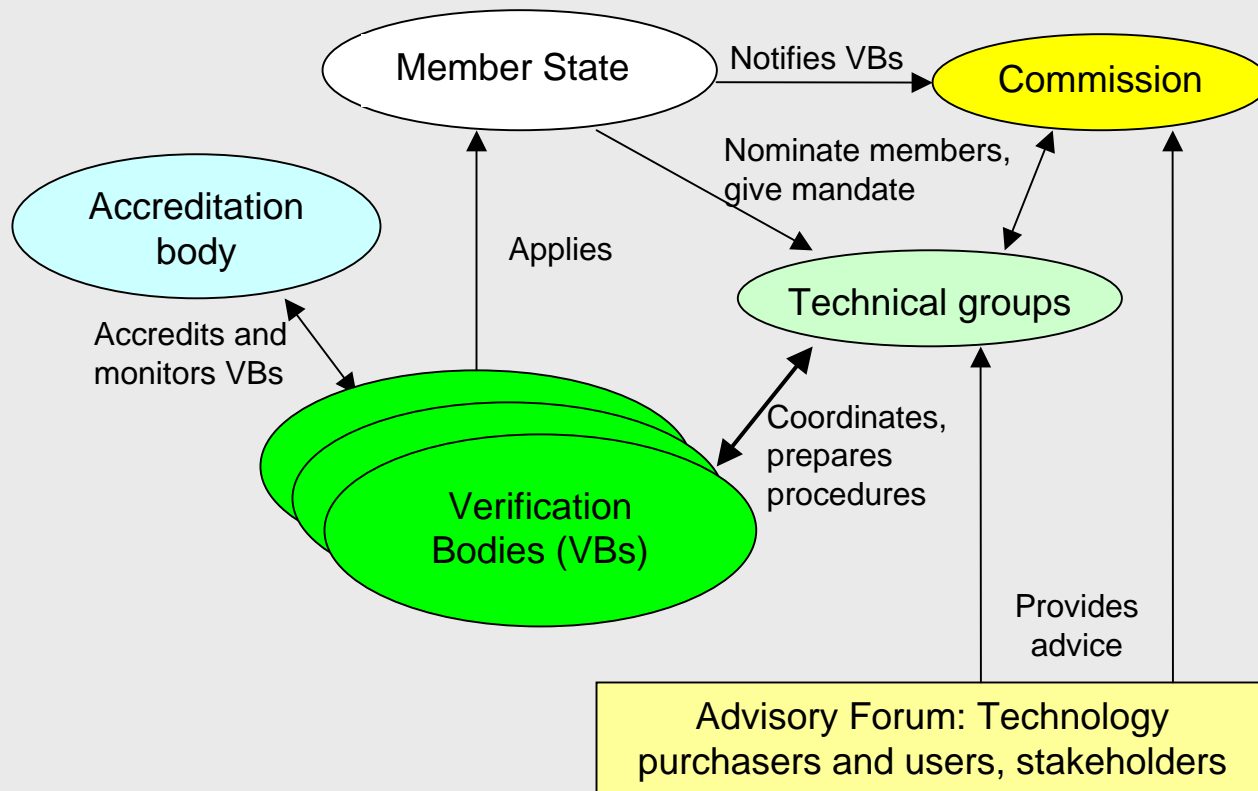
Testing phase:

- Elaboration of test plan
- Implementation of tests
- Test report

EU ETV scheme for the vendor



EU ETV scheme internal organisation



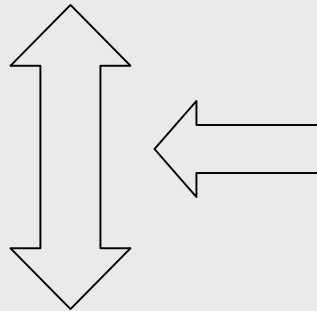
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ETV Team:

- Establishment of general protocols and a quality system
- Review of quality
- Oversight of verification organisations
- Review of final verification report

Stakeholder Groups:

- Set verification priorities
- Review protocols and operating procedure



Verification Organizations:

- Development of test protocols and test plans
- Execution of verification tests
- Preparation of verification report

Vendor

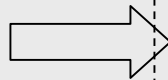


Independent Laboratories

- Execution of tests
- Generation of data to verify the claims



Vendor



Environment Canada

- Program policy



ETV Canada

- Collection of vendor claims and data
- Identification of the verification entity
- Review of the final verification report
- Preparation of the technology fact sheet and verification certificate

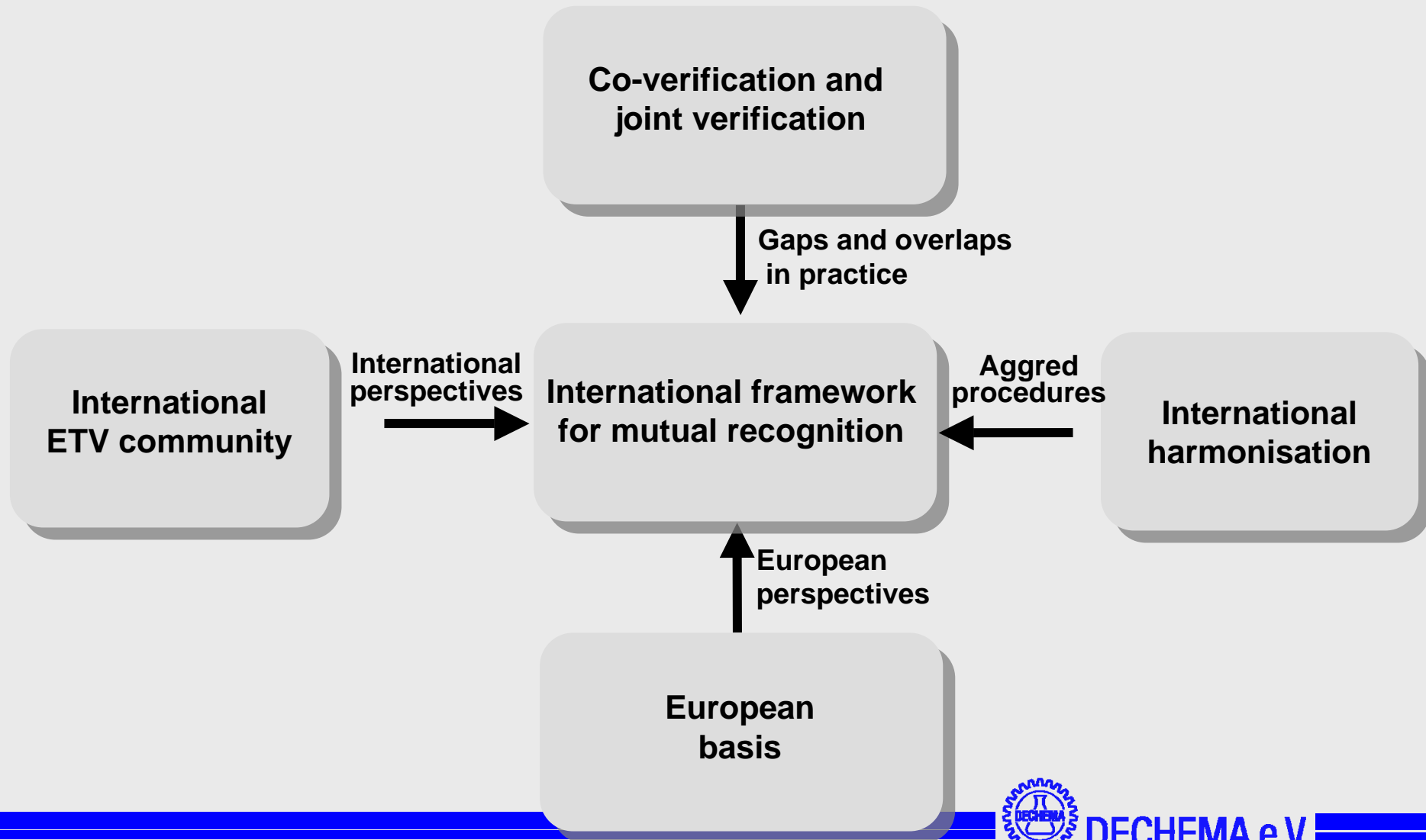


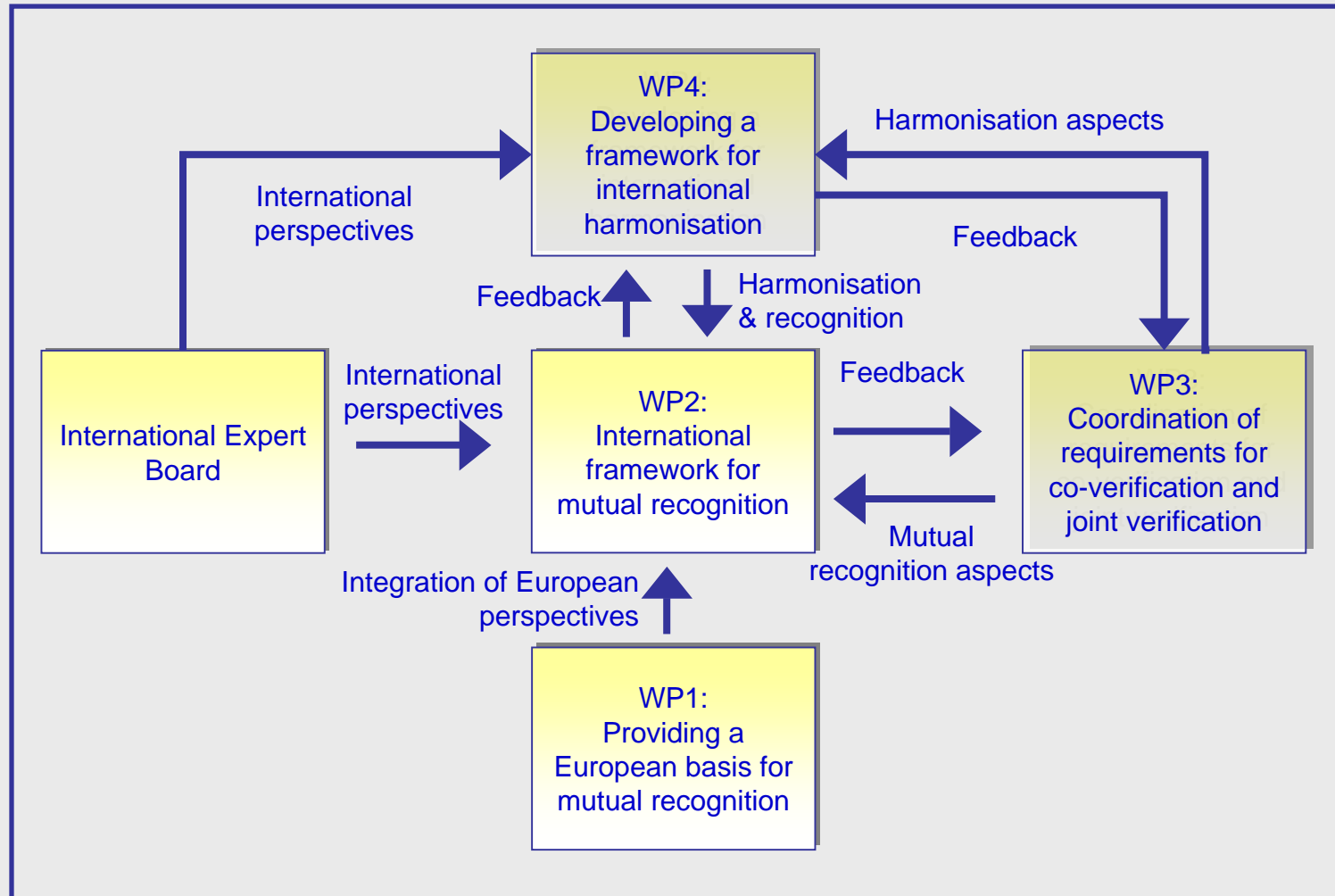
Verification Entities -

Third party verification

- Verification of supporting data
- Comparison of data to claims
- Preparation of the verification report

Basis for international cooperation





- 10 Pre-AdvanceETV Stakeholder Workshops
- 1st Stakeholder Workshop on ETV
22.09.2009, Brussels
- 4th International Forum on ETV
11.-12.11.2009 Manila
- Workshop on International Cooperation on ETV
June 2010 Beijing
- Hands on Co-/Joint Verification late 2009

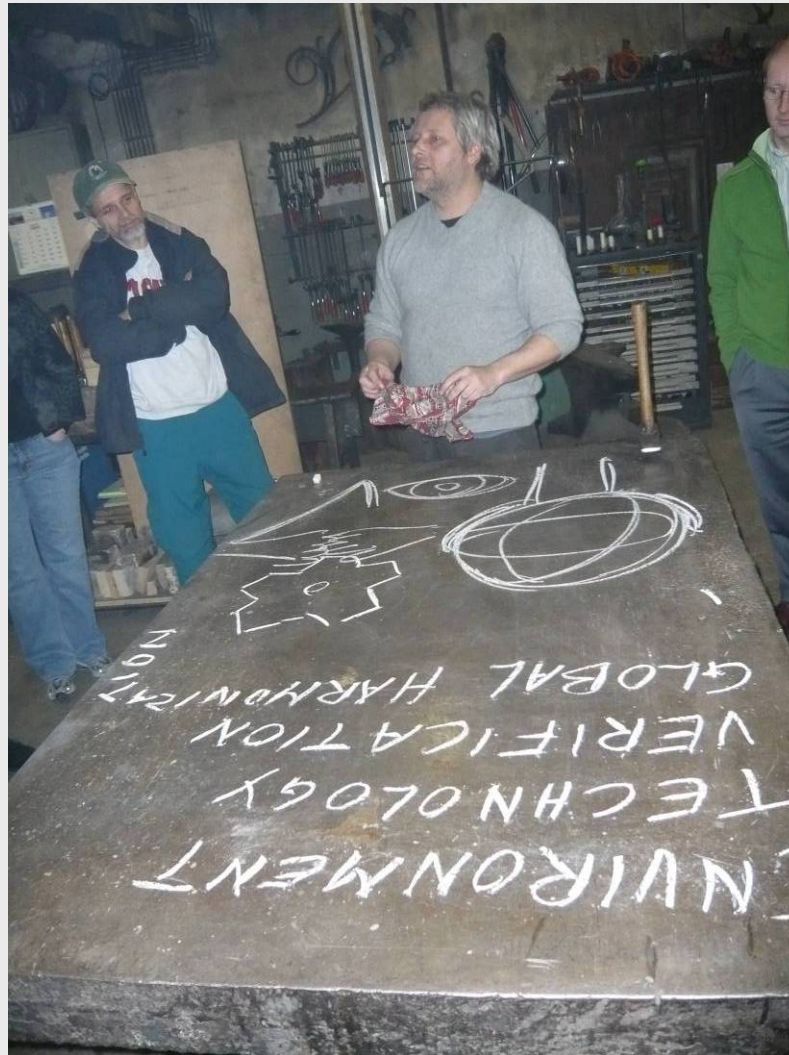
- Providing a European basis for mutual recognition
- supporting the cooperation of the EC and the IWG to build an international framework for cooperation and mutual recognition
- Coordinating requirements for co- and joint verification
- Demonstrate that the proposed schemes and protocols for ETV systems have the potential to be recognised internationally
- Developing a framework for international harmonization



Thank you !



Summary





Preliminary Tentative Schedule



Date	Event	Location	Delivery Team	Advance ETV Advisory Board	IWG
Feb 2-4, 2009	AdvanceETV Kick-off Meeting	Stuttgart	All	US, Canada, Japan, Korea, OECD	Yes
July 2009	AdvanceETV	Europe	All		
November 2009	4 th International ETV Forum	Manila	Selected Members		Yes
February 2010	AdvanceETV	Europe	All		
March 2010	GLOBE 2010	Vancouver	Selected Members		Optional
May 2010	AdvanceETV Special Session (Dechema Event)	China	Selected Members	US, Canada, Japan, Korea, OECD	Proposed
September 2010	IWA WWC	Montreal	Selected Members		Optional
Early 2011	Large Advance ETV Workshop	Brussels	All	US, Canada, Japan, Korea, OECD	Yes
2012	Final Meeting	Europe	All		

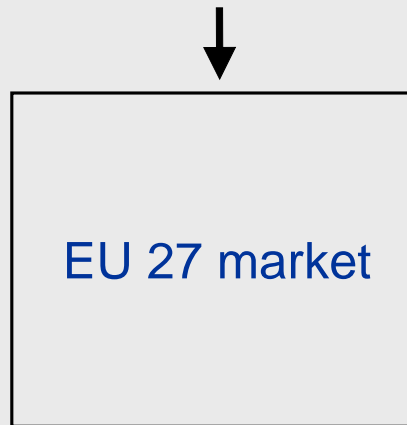


Advantage of a one and only available ETV-System

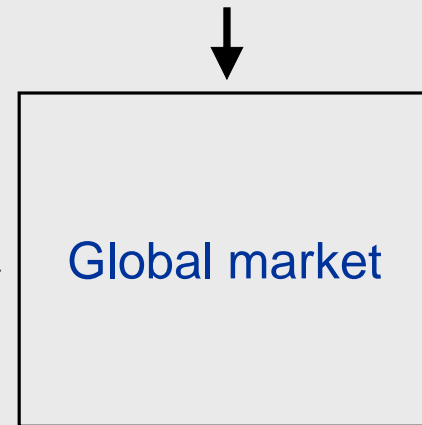
**The past:
Market entrance for
innovative technologies**



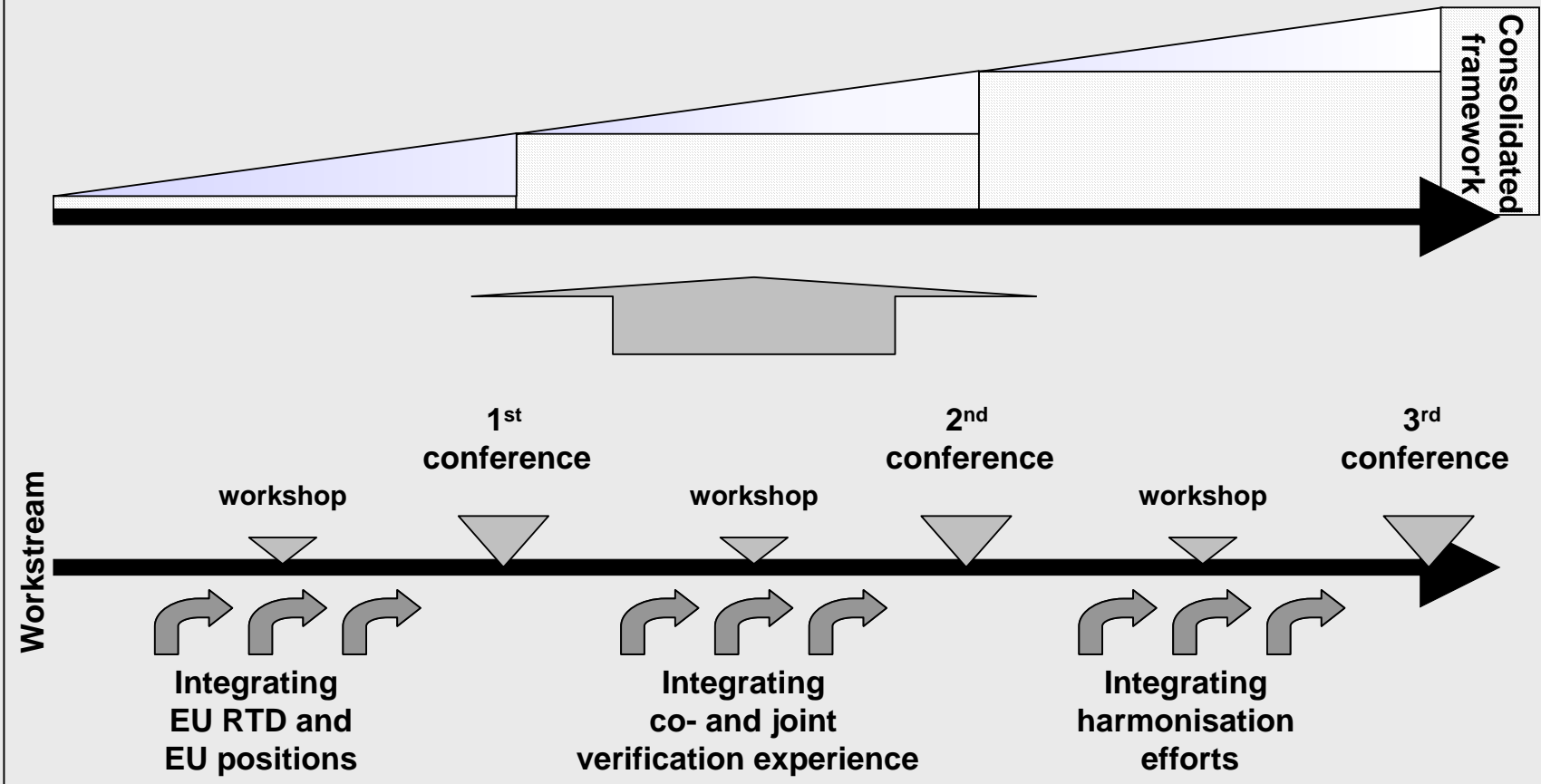
**Evolving:
Market entrance with
European ETV-System**



**The future:
International
recognition**



Incremental growth of framework on cooperation & mutual recognition



Coordination cycle of AdvanceETV

The international expert board ensures a close cooperation with International Working group on ETV and international ETV activities

