LIFE Environment - Preparatory Actions

"Pilot Scheme for an EU Environmental Technologies Verification System Incorporating Soil Remediation, Waste Water Treatment and Energy Related Technologies (TRITECH ETV)

14th June 2007

Autumn Call 2005

- Theme 1: Policy relevant scientific and economic analysis of air pollution and greenhouse gases

- **Theme 2: Pilot scheme for an EU Environmental Technologies Verification System (Pilot EU ETV)**

- Theme 3: Safe disposal of surplus mercury.

Theme 2 Objective

"To establish a mechanism to validate objectively the performance of innovative environmental technology products, that will increase purchasers' confidence and convince the market."

Environmental Verifications Systems

- National Verification Programmes have been running since the mid-90s in the US, Canada and South Korea.
- Japan started a programme in 2002 which is still in a pilot phase.
- China is about to launch a National Verification Programme based on the Canadian system.

TRITECH ETV will examine the existing schemes closely to evaluate best practice

Project Summary

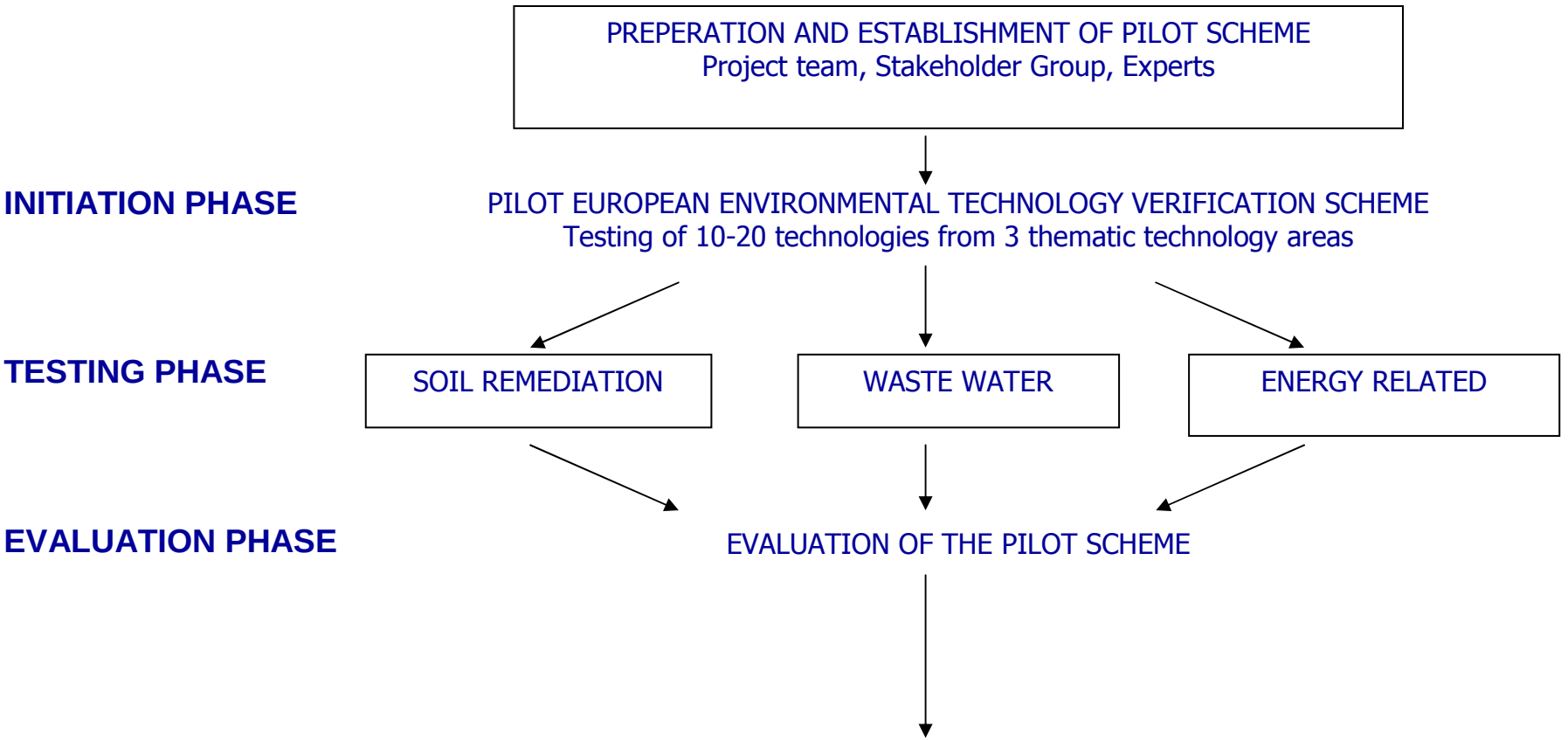
- Starting in the last quarter of 2006.
- Duration of project is 3 years.
- Total value of project is €1.39 million (50% funded)
- Beneficiary: Beta technology, UK
- Partners: One NorthEast, UK

  VTT, Finland

  IVL, Sweden

  LPPC, Latvia

TRITECH ETV Project



Benefits of the ETV scheme include:

- Provides technology developers with an independent verification of their claims (eco label).
- Provides investors and buyers with confidence about the degree of risk they are taking.
- Output from the project provides a showcase for successful new technologies in Europe and beyond.
- The project will facilitate technology transfer between environmental sectors.
- The project is an opportunity for test centres to be a part of the wider scheme development.

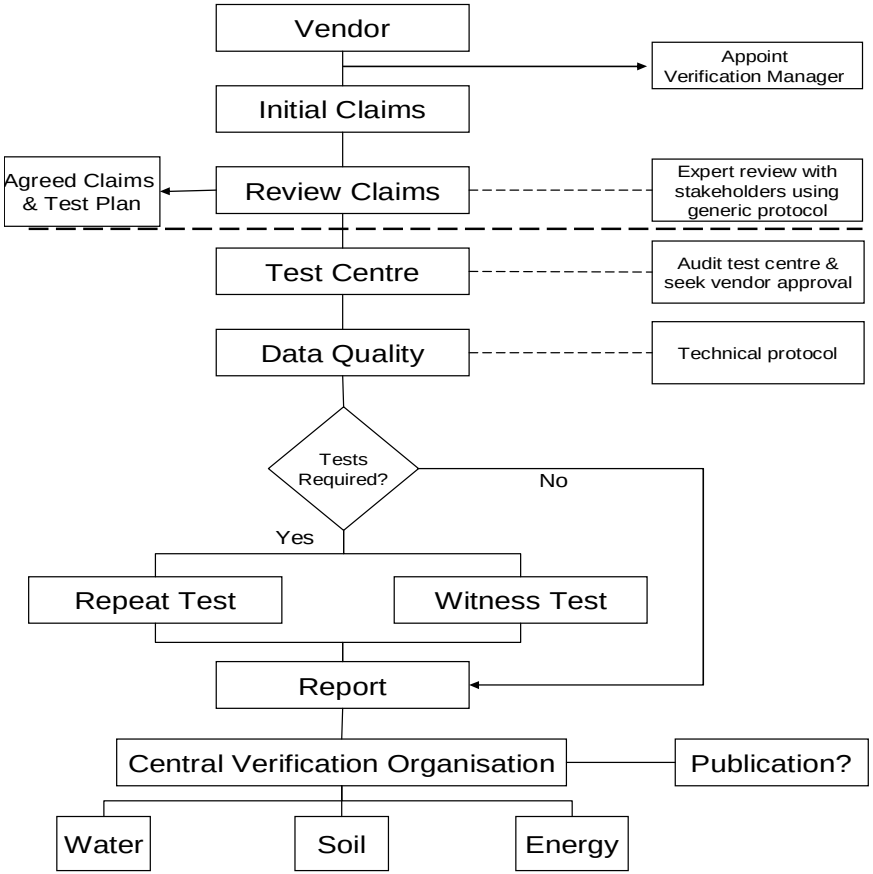
Key Issues:

- How will we identify potential participants?
- What are the criteria for entry?
- How can we assist in sourcing match funding?
- Protocol development and independence
- Level of accreditation for test centres
- How will test centres be engaged?
- How will successful verification be recognised?

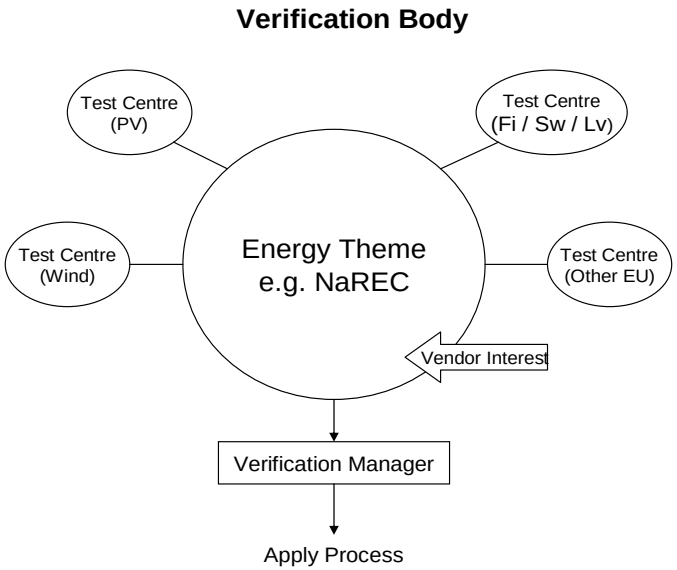
Progress to date

- Partner and stakeholder meetings
- Establishment secretariat, roles and responsibilities, partner agreement, planning activity
- Development of ETV network, operation of pilot verification bodies
- Identification of potential vendors and test centres

Network Design



Verification example



Responsibilities of the Verification body

- Undertake 5 pilot verifications
- Find vendors (stimulate demand)
- Assemble peer group / expert reviewers
- Evaluating & monitoring progress
- Develop UK / EU network

Next Steps

- Understand and build on cooperation opportunities
- Finalise verification bodies
- Define protocols and formalise procedures
- Formalise agreements with test centres
- Undertake initial testing and verification
- Publicise and promote the scheme

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