



Energy research Centre of the Netherlands



Specification of the tools WP1 Summary and linkage to Stakeholder Meeting

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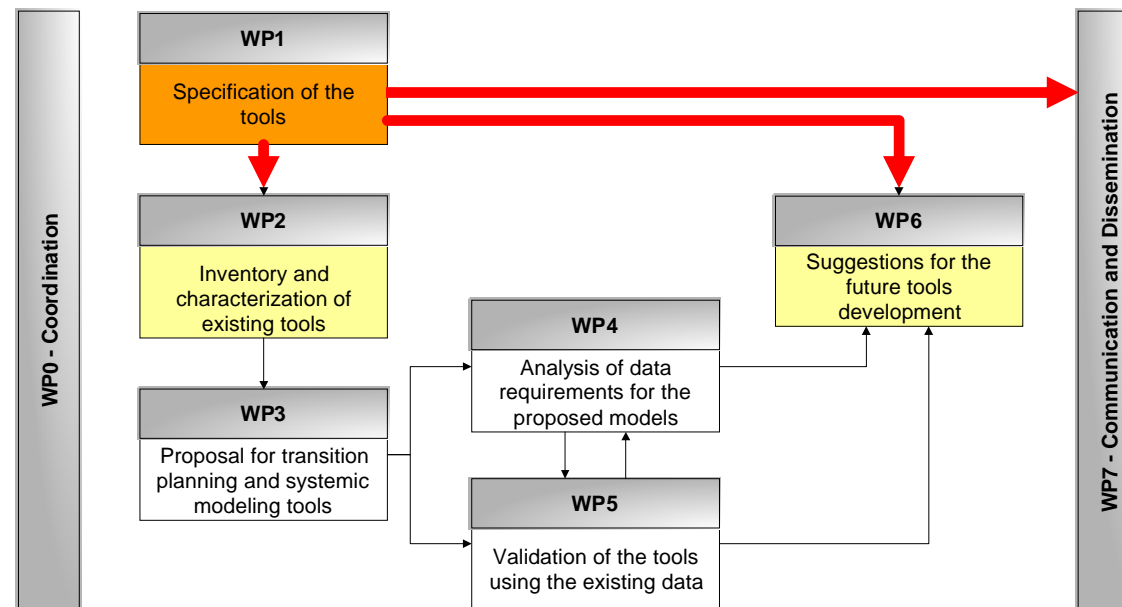
Objectives Specification of the Tools

- Define specifications of the models/tools for addressing policy questions SET-Plan
 - The transition planning framework should provide relevant data to aid decision making of the EC Steering Group on SET.
- Determine the answers the models will have to provide
 - Relevant data to SETIS

Methodology Specification of the Tools

- Draft initial list of specifications
- Workshop (Brussels, 29 January 2010)
 - Presentation of
 - Introduction of SETIS, ATEsT
 - Initial list of criteria
 - Characterization of the models (WP2)
 - Discuss on the list of criteria and the methodology
- Circulate Workshop results among participants
- Bring together all results in Specification Report

Interlinkages with other WPs



- Specifications to WP2: for characterizing existing models
- Specifications to WP6: suggest future tool developments
- Contributions to WP7: project website and reports

List of Specifications

- Strategic Planning
- Deployment and Planning of the Transition
- Innovation and R&D
- International cooperation

Strategic planning

List of Specifications

- Goals
 - Identify technologies critical for meeting European Climate and Energy goals
 - Quantify their potential and related impact on the EU policy goals
 - Assess impact of RD&D investment on technology developments and further on related benefits to EU policy goals.
- Key issues
 - Technology performance and development potential
 - Technology deployment
 - Which policy indicators? (CO₂ reduction, efficiency gain, RES, economics, externalities)

Deployment and Planning of the Transition

List of Specifications

- Goals
 - Understanding the transition of the energy system and how it could be implemented.
 - Support the decision-making related to investments
 - Providing guidance on how demonstration projects can be used as seeds for further deployment
- Key issues
 - Spatial planning
 - Deployment pathways
 - Market design and organizational changes
 - Acceptance of technologies
 - Impact of the transition

Innovation and Research & Development

List of Specifications

- Goal
 - Understanding indicators specific for developing R&D and Demonstration policy
- Key issues
 - Long term perspectives (e.g. after 2020)
 - What technologies do we need to reach targets?
 - Industrial opportunities
 - Strengths of MS and Community
 - R&D funding mechanisms

International Cooperation

List of Specifications

- Goals
 - understanding in which fields international cooperation is beneficial to enhance the transition of the energy system.
 - support decision making related to how cooperation between the EU and third countries enhance the development of energy technologies and their deployment.
- Key issues
 - Potentials of Joint Implementation and Clean Development Mechanism
 - Benefits of international cooperation initiatives like IPHE, CSLF
 - Development of deployment and costs outside Europe

Next steps

- Circulate Workshop results among participants
- Bring together all results in Specification report
 - Includes the final list of specifications
- Specification of models (WP2)