



SEESGEN-ICT

4° GENERAL WORKSHOP

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Recommendations to improve EU Test Facility Capacity





Recommendations' Overview

- Based on D7.2 and D7.3
- 4 “intervention areas”
 - Facilitate social & industrial acceptance
 - Support regulatory policies
 - Support technical barrier removal
 - Investment optimization



Recommendations' List (1/4)

- Facilitate social & industrial acceptance
 - Demonstrate business models for both stakeholders and consumers
 - Quantify higher reliability
 - Quantify lower costs for consumers
 - Quantify higher revenues for stakeholders
 - Disseminate results
 - Calculate the investment and return on investment related to smart grids
 - Set up a simulation platform



Recommendations' List (2/4)

- Support regulatory policies
 - Perform a comprehensive and quantitative analysis of the Smart Grid macro-economic benefits
 - CO2 reduction
 - Competitiveness enhancement
 - Investment reduction on the infrastructure
 - Assess the impact of proposed regulatory policies
 - Support standardization bodies



Recommendations' List (3/4)

- Support Technical barrier removal
 - Improve assets and capabilities (check the gap analysis)
 - Employ commercial power simulators
 - Extend the simulation capabilities to include the energy market
 - Check the reliability and robustness of (new) control models
 - Check the behaviour of ICT infrastructure
 - Check performance and interoperability of proposed technologies
 - Realistic conditions + relevant extension + all the players
 - Assess privacy and security issues



Recommendations' List (4/4)

- Optimize investment
 - Establish partnerships
 - share assets
 - share expertise
 - Go for the “Virtual Test Facility concept”
 - Monitor test runs from remote
 - Couple simulation applications



Thanks!



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