



The research leading to these results has received funding from the European Community's Seventh Framework Programme (FP7/2007-2013) under grant agreement no. 1608732.

evolvDSO: Introduction



Meeting Agenda

- Introduction – 5 minutes (ENEL)
- Preliminary assessment of DSO roles – 10 minutes (VITO)
- Business Use cases and System Use cases (ERDF/ENEL) – 15 minutes
- Answers to ten questions (1,8,10) (ALL) - 15 minutes

evolVDSO project



FP7 Call for proposal: Energy.2013.7.1.1



Project Consortium:

16 partners including DSOs, TSOs, renowned research institutions and new market players .



Duration:

September 2013 – December 2016

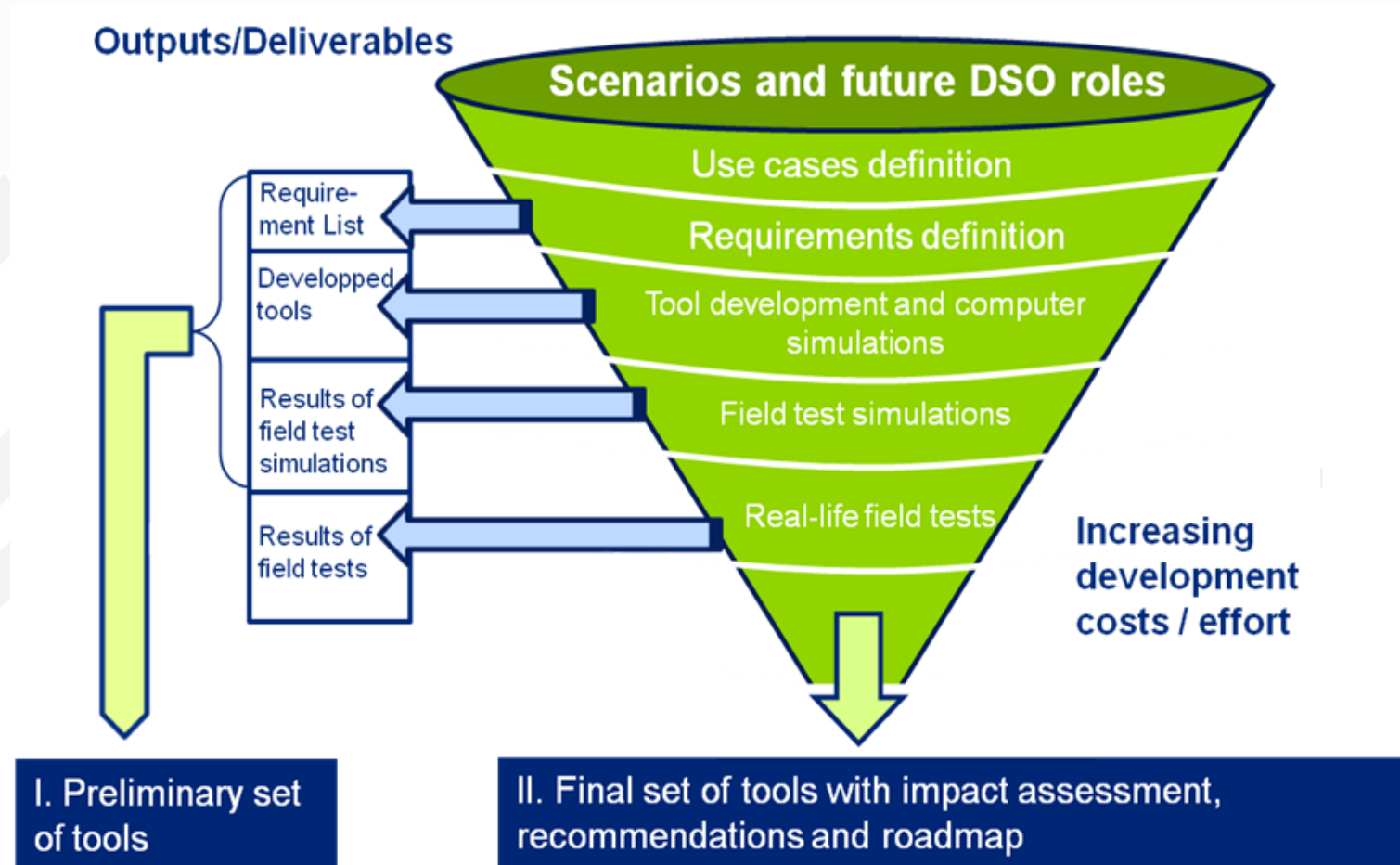


Project budget: 7,8 M€

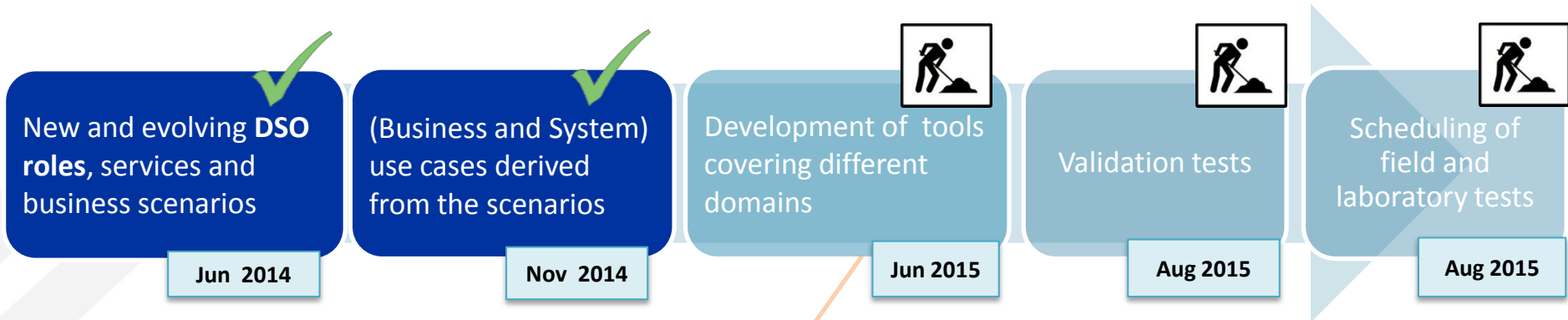
Development of methodologies and tools for new and evolving DSO roles for efficient DRES integration in distribution networks



General Project Structure

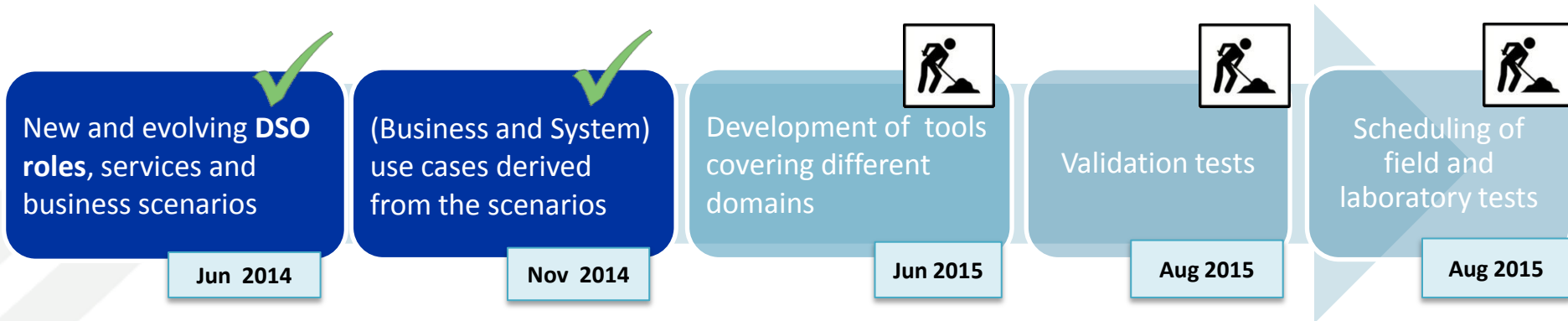


Results achieved and next steps



Tool name	TSO – DSO coordination	Operation	Maintenance	Planning
Interval Constrained Power Flow	X			
Sequential OPF	X			
State estimation of LV networks		X		
Voltage Control for LV network		X		
Robust Short-Term Economic Optimization Tool for Operational planning		X		
Contingency Simulator		X		
Replay - Network reliability		X		
Advanced Asset Management			X	
Distribution network expansion model				X
Long Term planning using stochastic modeling				X

evolvDSO: one step beyond the the roles



Objectives for the second period:

- **Demonstrate the added value of exploiting flexibility and opportunities brought by SG**
- Assess the impact of the innovation proposed on EU objectives (EEGI)
- Assess the replicability and scalability of the methods and tools proposed
- Ensure dissemination and communication throughout the project

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