



General Objectives of SEESGEN-ICT

Short for “Supporting energy efficiency in smart generation grids through ICT”.

The scope of SEESGEN-ICT is **to issue recommendations for policies and orientations for development** and deployment of ICT potential to improve Energy Efficiency in smart grids with distributed generation.

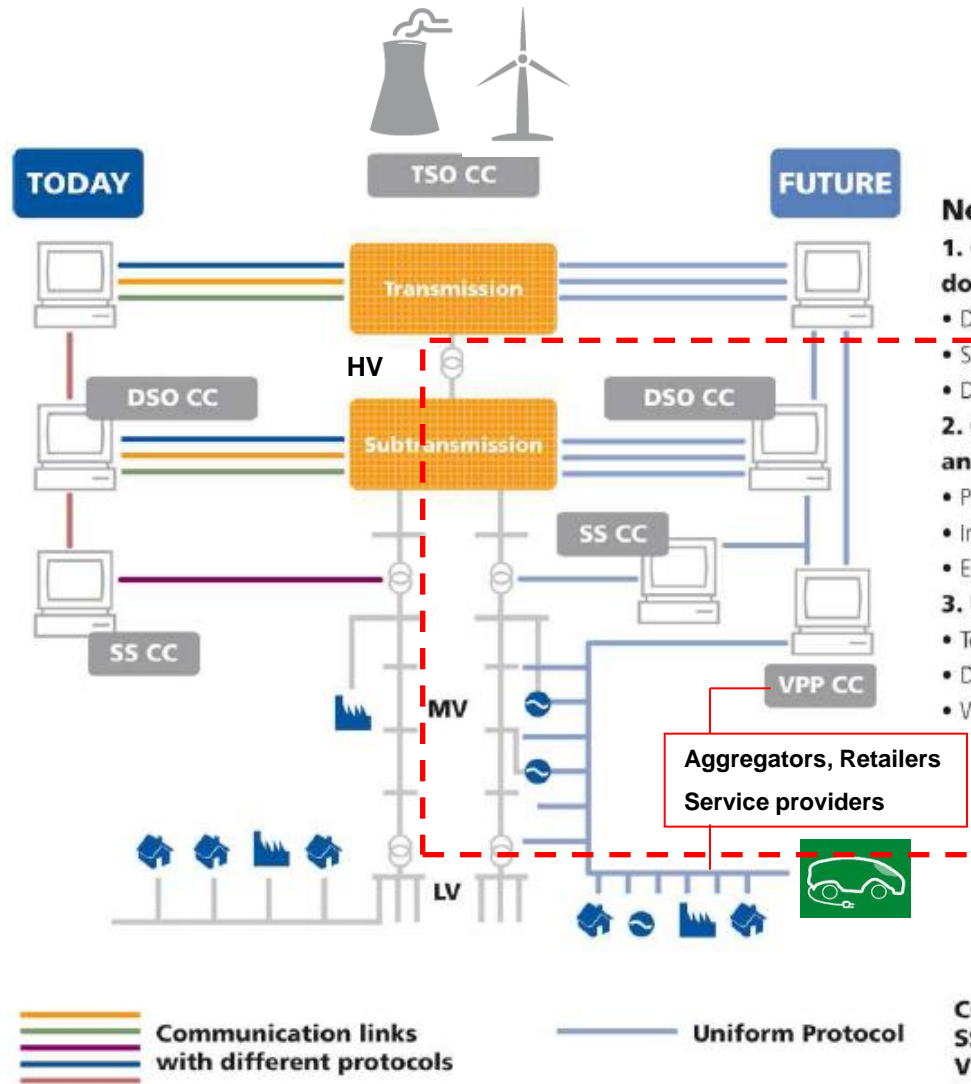
*The network should develop **awareness raising actions, identify best practices, provide scenarios and roadmaps** for facilitating the integration of distributed energy resources through ICT based solutions (from the ICT-PSP Work programme).*



Smartgrid

...a digital upgrade of distribution and transmission grids to optimise current operation, efficiently exploit alternative energy production, integrate generators, distributors and consumers.

Perimeter



Needs for the Future

1. Communication moves down to the customers for

- Decentralized energy management
- Smart metering
- Distribution automation

2. Common data models and services everywhere

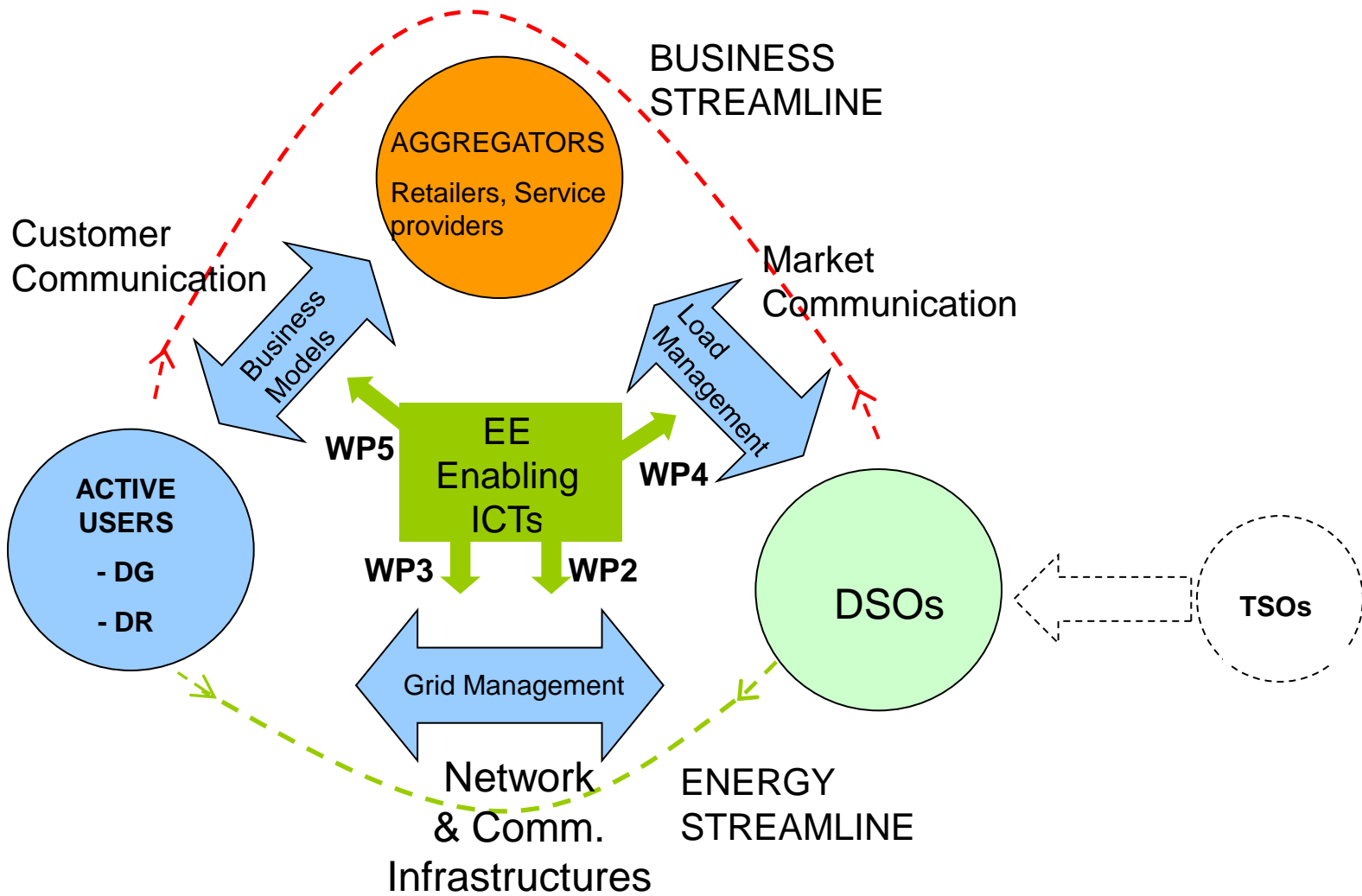
- Plug and play
- Interoperability
- Efficient engineering

3. Use of existing infrastructure

- Telecommunication provider
- Distribution line carrier
- WEB services



Key figures and interconnections





Strong Point: EU Coverage

EU COVERAGE



PERFORMANCE INDICATORS

WP (Leader)	Topic/Area of concern	Specific Performance Indicators	Partner/Repr Countries
WP2 (KUL)	Management approach and systems for Integration of microgrids in electric grid	Approach developed for 4 different national situations	8/8
WP3 (BTH)	Monitoring in Smart Grids supporting Management and Demand-side Integration	Approach developed for 5 different national situations	9/8
WP4 (G2ELAB)	Demand-side Integration DSO-Smart Building	Approach developed for 6 different national situations	10/9
WP5 (VTT)	Business Models dealing with TSO, DSO, Retailers, Aggregators and Esco	Approach developed for 3 different national situations	(6+2)/(6+1)
WP6 (ECN)	Environment Protection Smart grids ICT carbon footprint	Approach developed for 2 different national situations (1 non-EU)	5/5
WP7 (ENEA)	Test facilities for ICT in EE smart grids	Directory of TF Review of 5 Best practices in EU	(7+2)/(5+1)
WP8 (ERSE)	Dissemination & Communication	Targeted Meeting at National level (>15) Targeted Meeting at EU Parliament	24/15