



Workshop Smart Grid
Standardisation
May 16th 2013



Introduction

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STAGRID project

Standards analysis supporting smart energy grid development – STAGRID

- FP7 project, ICT-2011.6.1 Smart Energy Grids
- 2 years project: October 2012 – October 2014
- 5 partners



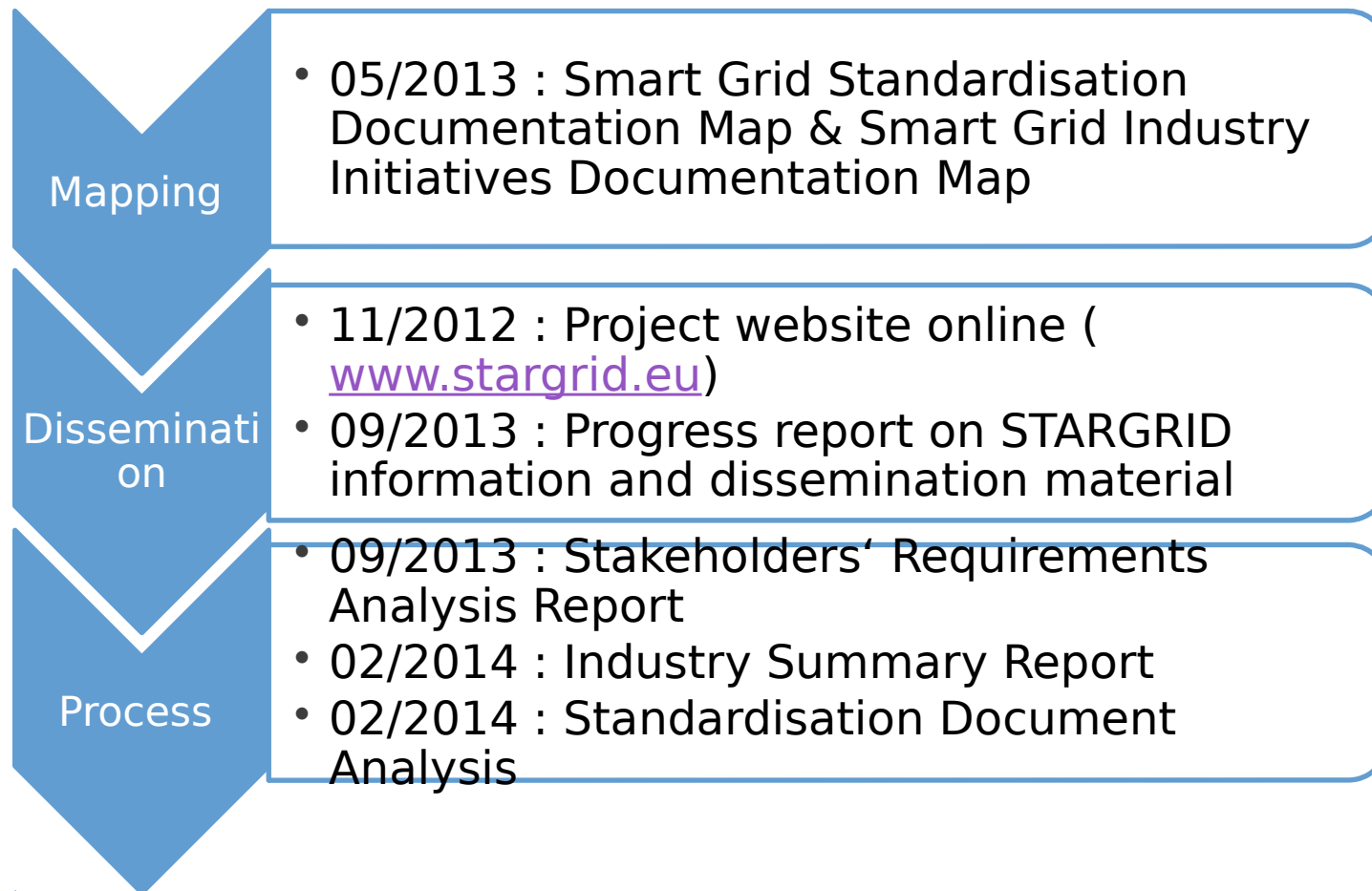
- Analysis and critical assessment of the Smart Grid standardization process and procedures and in-deep analysis and mapping of the current status

STARGRID project - scope



Recommendations to politics, industry and standardization bodies

STARGRID - public deliverables



07/2014 : Recommendations on integrating Smart Grids in DN

“A Conformed Standardisation Framework”

Ingredients:

- Lists of standards for the Smart Grid domains
 - First set of standards (SG-CG)
 - IEC roadmap
 - National Smart Grid standardisation roadmaps
- Gaps, overlaps, other conflicts
 - Gap Analysis and prioritisation of the SG-CG
- Prestandardisation & R&D
 - Influence of research projects on existing standards (and vice verca)
- Regulatory requirements



Workshop aims

- Raising awareness on existing initiatives
- Point out the impact on different Smart Grid stakeholder groups
 - Standardisation requirements
 - Impact of gaps and conflicts, as well as current standardisation initiatives
- Identification of required actions in standardisation and regulation for a large scale roll-out of Smart Grid technologies
 - collection and consolidation of concise statements
- Starting point of an interactive process



Workshop outcome

- Definition of requirements
- Collection of statements on actions to be taken
- Further input of stakeholders through questionnaire
- Prioritization of requirements and actions
- Enhancing the Discussion paper to Position paper
- Review of the new Position paper

Industry statement for a conformed standardization framework enabling the large scale smart grid deployment

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Agenda

- Welcome (David Nestle, Fraunhofer IWES) – 11:00
- Introduction (Ioulia Papaioannou, DERlab) - 11:05
- Presentation ETP Smart Grids (Jean-Luc Bessède, Schneider Electric) - 11:15
- Session 1: DER integration and Grid control (Chair: Giorgio Franchioni, RSE) – 11:30
- Lunch Break 12:40 – 13:30
- Session 2: Smart metering (Chair: Emilio Rodriguez, TECNALIA) – 13:30
- Session 3: Demand Response (Chair: Christoph Nölle, IWES) - 14:45
- Conclusions (David Nestle, Fraunhofer IWES) 16:00



Session 1: DER integration and Grid control

- European Standardisation Landscape (Giuseppe Dell'Olio, GSE)
- Impact of the Network Codes (Gérald Sanchis, RTE)
- Learning from EEGI demonstration projects (Grid4EU)
(Jérôme Frémont, ERDF)



Session 2: Smart Metering

- Prime Alliance (Alessandro Moscatelli, STMicroelectronics)
- Meters and More (Robert Denda, ENDESA)
- ETSI M2M – oneM2M (Joerg Swetina, NEC)



Session 3: Demand Response

- Energy@Home Association (Emilio Simeone, Flyby)
- EEBus initiative (Andreas Westermann, Kellendonk Elektronik)
- OGEMA Alliance (David Nestle, IWES)





Thank you and Welcome

www.stargrid.eu

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