



STARGRID TWO WORKSHOPS IN HANNOVER MESSE

WS1 JOINTLY WITH THE CEN -CENELEC-ETSI SMART GRID COORDINATION GROUP: STANDARDISING THE SMART GRID VISION. IS THE SMART GRID STANDARDISATION FRAMEWORK READY FOR THE SMART GRID ROLL OUT?

WS2: LESSONS LEARNED FROM SMART GRID DEMO PROJECTS RELATED TO APPLIED TECHNOLOGIES AND ICT SYSTEMS

Date: April 10th 2014,

WS 1: from 09:00 to 14:00

WS 2: from 15:00 to 18:00

Venue: "München" convention centre
Hannover Messe
Hannover, Germany

STARGRID and **CEN-CENELEC-ETSI SMART GRID COORDINATION GROUP** are organising a joint workshop to bring together representatives of the standardisation bodies with smart grid stakeholders to enhance together the efforts in the forming of the Smart Grid standardisation landscape.

AIM OF THE 1ST WORKSHOP IS:

- To present recent progress and current activities related to the European Smart Grid standardisation framework involving mainly projects of the European and International standardisation organisations under European Commission mandates M/490 (Smart Grid standardisation) and M/441 (Smart Meter standardisation), but also adjacent regulatory initiatives and open industry initiatives.
- To present and discuss the results of a recent STARGRID stakeholder survey on standardisation awareness and perceived gaps.
- To discuss the stakeholder needs for a large scale Smart Grid roll-out





STARGRID IS ORGANIZING a second workshop to bring together European Smart Grid demonstration projects in an ad-hoc round table to discuss and present their experience on standardisation issues.

The AIM OF THE 2nd WORKSHOP is the knowledge and experience sharing from demonstration project on:

- Best practices of using standardised ICT systems
- Role of standards in the Smart Grid roll out
- Gaps and requirements from standards as faced from applied technologies

VIEWS AND POSITIONS expressed in both WS will be used as an input in the deliverable of the project "Recommendations on integrating Smart Grids in distribution networks" which is due for publication in summer of 2014, and aims to support decision makers in politics, standardisation bodies and companies in setting up a consistent strategy with regards to Smart Grid standardisation

NO REGISTRATION FEES will apply to this workshop but kindly note the entrance fee to the exhibition venue "Hannover Messe". Prices depends on the day of booking and the number of days attended. For example, one-day ticket bought from the door costs 38 euros. More information on the [website of the Hannover Messe ticket sales](#).

Please confirm your participation to this workshop email to the contact persons below before **6th of April 2014** to Dr. C. Nölle: christoph.noelle@iwes.fraunhofer.de or stargrid@der-lab.net





AGENDA

1st Workshop STANDARDISING THE SMART GRID VISION. IS THE SMART GRID STANDARDISATION FRAMEWORK READY FOR THE SMART GRID ROLL OUT?

STARGRID jointly with the CEN-CENELEC-ETSI Smart Grid
Coordination Group



⤴ 09:00 Welcome

⤴ 09:30 Introduction

⤴ **Smart Grid Coordination Group: scope; objectives; workplan**
(Johannes Stein, DKE)

⤴ **STARGRID short overview: scope; objectives, workplan**
(Christoph Nölle, Fraunhofer IWES)

⤴ 09:50 Classification schemes and navigators for the Smart Grid
standardisation landscape (David Nestle, Fraunhofer IWES)

⤴ 10:00 The European Smart Grid standardisation framework: current
status I

⤴ **Information Security** (Laurent Schmitt, Alstom - tbc)

⤴ **Methodology** (Johannes Stein, DKE)

⤴ **Interoperability** (Andre Postma, Enexis -tbc)

⤴ 10:45 Coffee break





⤴ **11:00 The European Smart Grid standardisation framework: current status II**

⤴ **Smart Metering and Smart Home – the M/441 mandate** (David Johnson, SMCG)

⤴ **Telecommunication standards for the Smart Grid** (Patrick Wetterwald, CISCO)

⤴ **11:30 Industry initiatives on SG standardisation issues**

⤴ **IEC 61850 communication and CIM data base management applied for Smart Distribution** (Bernd Buchholz, NTB Technoservice) – 15 min

⤴ **The Universal Smart Energy Framework (USEF) –** (Marten van der Laan, ICT Automatisering) – 15 min

⤴ **12:00 Lunch break – 45min**

⤴ **12:45 Standardisation awareness and perceived gaps**

⤴ **Updated gap prioritisation and work programme** (Laurent Guise, Schneider Electric) – 20 min

⤴ **STARGRID questionnaire results** (Giorgio Franchioni, RSE) – 10 min

⤴ **13:15 Discussions**

⤴ **Where are we in Smart Grid standardisation and what needs to be done concretely (in the short and medium term)?**

⤴ **Is there a lack of standards or a lack of awareness?**

⤴ **Influence of standards and regulatory provisions on Smart Grid roll-out**

⤴ **Policy recommendations**

⤴ **13:45 Closing remarks and next steps** (David Nestle, Fraunhofer IWES, Johannes Stein, DKE)

⤴ **14:00 End of 1st workshop**



Standards Hub for Smart Grid Industries

AGENDA

2nd Workshop

Lessons learned from Smart Grid demo projects related to applied technologies and ICT systems

⤴ **15:00 Welcome** (*Dr. David Nestle, Fraunhofer IWES*)

⤴ **15:10-16:50 Session 1:** Lessons learnt from Smart Grid demonstration projects

Presentations of 20 min each:

⤴ **PowerMatching City** - *Marten van der Laan, ICT Automatisering*

⤴ **Smart PV** - *Dr. Venizelos Efthymiou, Research Centre for Sustainable Energy (FOSS)*

⤴ **iGreenGrid** - *Dr. Paolo Mora, Ricerca sul Sistema Energetico-RSE*

⤴ **DISCERN** - *Dr Mathias Usler, OFFIS*

⤴ **COTEVOS "EV systems Interoperability with Smart Grids - Smart Charging or more?"** *Joost Laarakkers, TNO*

⤴ **16:50-17:10 Coffee break**

⤴ **17:10-17:40 Session 2:** Open Discussion

Topics:

⤴ **Best practices from demonstration experience**

⤴ **Standardisation requirements**

⤴ **Gaps and overlaps in existing standards**





^ 17:40 -17:50 **Conclusions** (Dr. Ioulia Papaioannou, DERlab)

^ 17:50 -18:00 **Closing remarks** (Dr. Christoph Nölle, Fraunhofer IWES)



STARGRID has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement No 318782.

