



Agenda

2nd ENERGISE Workshop on Communications Infrastructure Strategies for Smart Grid Applications

3rd - 4th March 2016

TÜV Rheinland, Alboinstraße 56, 12103 Berlin

Background

The European ENERGISE study is conducting a comprehensive analysis of various options for establishing ICT infrastructures for smart grids. It focuses on the core question of whether the modern energy systems of the future should be based on own or third-party communication infrastructures.

This question is viable for an extensive deployment of smart grids and smart infrastructures in general. Especially considering the context of the European directive to reduce the cost of deploying high-speed electronic communications networks, the need for joint infrastructure usage and deployment is of rising importance.

Within the 2nd ENERGISE workshop, stakeholders from the telecommunication and energy industry from all over Europe will come together to discuss the future cooperation modes of ICT infrastructure for smart grids among all involved sectors. The workshop will offer a unique opportunity for exchange between the energy and telecommunications sectors, which so far have remained mostly separate and developed their respective positions and strategies on smart grids in parallel. The ENERGISE project was assigned by the European Commission to bridge this apparent gap.

Objectives of the workshop

- Assess ways in which both sectors may co-operate in future communications infrastructure deployment for smart grids
- Describe possible scenarios for joint future communications infrastructure deployment
- Map the processes & needs to overcome the barriers that hinder joint usage of existing infrastructure

ENERGISE: ICT-based ENERGY Grid Implementation – Smart and Efficient

Grant 646555 — ENERGISE — H2020-LCE-2014-2015/H2020-LCE-2014-3

For more information on the project, please visit <http://www.project-energise.eu/>



Funded by the
EUROPEAN COMMISSION
Directorate General for Communications Networks, Content and Technology
Sustainable and Secure Society
Smart Cities and Sustainability



Thursday, 3rd March 2016

13h00 **Welcome and introduction to the 2nd workshop**

13h10 **Welcoming speech**

Prof. Dr. Kai Höhmann, CEO, TÜV Rheinland Consulting GmbH

- *Welcome and introduction*
- *Digital transformation of infrastructures*

13h40 **Introduction to digital infrastructure development from the perspective of the city Berlin**

Berlin Senate Department (Governmental Commission, requested)

Strategic aspects of cooperation between telco and energy

14h15 **Strategic aspects of cooperation between telecommunication and the energy sector – results from the survey**

Daniel Schöllhorn, TÜV Rheinland Consulting GmbH
Dr. Martin Waldburger, WIK Wissenschaftliches Institut für Infrastruktur und Kommunikationsdienste GmbH

- *Strategic dimensions of cooperation between the sectors*
- *Drivers and barriers for joint infrastructure deployment*
- *Use case scenarios and their likeliness for cooperative development*

14h45 *Coffee break*

15h15 **Strategic aspects of cooperation from the point of view `telecommunication provider`**

Frank Schmidt-Küntzel, Telefónica Digital M2M (Spain / Germany, telecommunication provider)

- *Strategic aspects of Telefónicas M2M activities*
- *Current Smart Grid activities and future solutions*

16h00 **Strategic aspects of communication infrastructure from the point of view `energy grid operator`**

energy grid operator (requested)

- *Strategic aspects of communication infrastructure from viewpoint of a DSO*
- *Communication requirements for grid operations*
- *Current Smart Grid activities and future solutions*

16:45 **Strategic aspects of cooperation from the point of view `manufacturer`**

Landis + Gyr (manufacturer, Switzerland, requested)

17:15 **End of the first day**

17:30 *Joint transfer to the hotel*

20:00 *Joint dinner (tba)*

Friday, 4th March 2016

08:30 *Joint transfer from the hotel*

09h00 **Welcome and introduction to the 2nd day**

Practical insights and lessons learnt

09h15 **Best practice solution / lessons learnt example I: joint infrastructure deployment**

Anthony Walsh, ESB - Electricity Supply Board (Ireland, utility)

10h00 **Best practice solution / lessons learnt example II: smart metering synergies**

Dario Sacchetti, International Projects & Smart Cities, CPL Concordia Soc. Coop. (Italy, multi-utility, requested)

- *Smart metering synergies between natural gas, water and electricity*

10h45 **Coffee break**

11h15 **Best practice solution / lessons learnt example III**

Real time control of active grid components in spite of limited availability aspects of communication infrastructure

Dr. David Echternach, Deputy Head of SAG Service office, SAG GmbH (Germany, service & system supplier)

- *iNES – Active Distribution Management - Existing operational experience with ten different DSOs*
- *The most important influence factors for reliability*
- *Compensation of disturbing influences with fail safe control concepts*

12h00 **Concluding remarks and further approach of the project**

12h30 *End of the workshop and joint lunch*

Organisational matters

General information

The workshop is free of charge, registration on our website (<http://project-energise.eu/registration/>) or via email (energise@de.tuv.com) with your contact details is requested.

Contact person

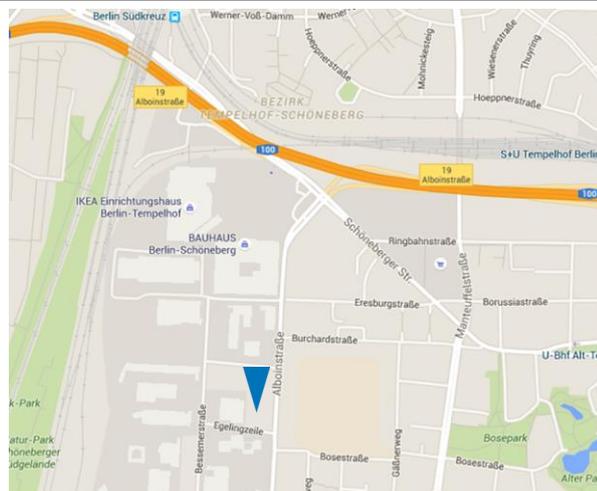
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Meeting room

TÜV Rheinland, Alboinstraße 56, 12103 Berlin, 11th floor
Public transport:
Bus stop: Egelingzeile, Bus line: 106
City train: Südkreuz

Parking space available.

Transfer to the hotel on the 3rd in the evening and back to the meeting room on March 4th in the morning will be provided.



Hotel recommendation (1)

NH Berlin Mitte, Leipziger Str. 106-111, D-10117 Berlin, phone: +49 30 203760, nhberlinmitte@nh-hotels.com

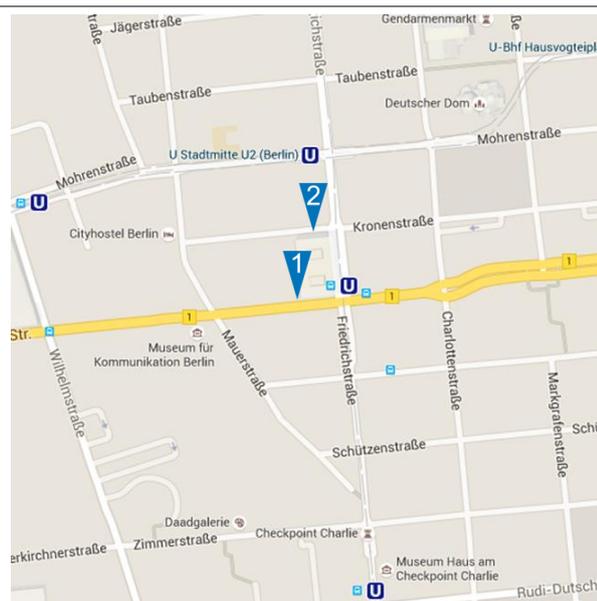
The hotel contingent can be booked up to 12th February 2016 with the keyword "ENERGISE" directly at the hotel.

Costs: single room 99,- € per night, including breakfast

Please see the link how to get [there](#).

Dinner (2) (Costs not included)

Restaurant Maximilians Berlin
Friedrichstraße 185-190, 10117 Berlin
phone: +49 0 30 20 45 05 59
www.maximilians-berlin.de/



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