



April 2nd 2012

Newsletter SmartGrids European Technology Platform

www.smartgrids.eu

SMART CITIES WORKING GROUPS: Applications now open

The application process will be closed on 25th April 2012

The first order of business following the launch of the **Smart Cities Stakeholder Platform** is Working Groups' Membership. All potential candidates are invited to apply for membership in one of the **four open Working Groups** (please note that membership in the Smart City Roadmap group is by invitation only).

- **Energy supply networks:** solutions for balancing energy supply and demand, smart electricity grids and innovative energy solutions in water and waste processing.
- **Energy efficiency in buildings:** savings in energy end-use, renewables-behind-the-meter (RBM) technologies and energy savings for transport.
- **Mobility and transport:** Urban Mobility Concepts and Technologies for Urban transport management.
- The **Coordination Group on Finance** will develop accessible, clear information on financial opportunities from the EU (and other possible sources) to Smart Cities Platform stakeholders. Its overall goal is to accelerate the rate of research, innovation and market integration of new technologies.

The profile of Working Group members must reflect the focus on new technologies and new innovative solutions for Smart Cities.

The application process will be closed on 25. April 2012 and all applications will be reviewed by the Working Group chairs. The members of the Working Groups will be announced at the beginning of May.

For further information visit the official [website](#).

EUROPEAN ENERGY CONFERENCE

Maastricht, 17-20 April 2012. Registration is already closed.

The European Energy Conference will take place on 17 -20 April 2012 in Maastricht under the patronage of Günther Oettinger, EU Commissioner for Energy. Over the course of the gathering, top scientists, expert practitioners and policy makers in the

field of energy will discuss perspectives for the future of energy supply in Europe. The conference will explore the key role energy science and research play in developing and ensuring energy sustainability.

Launched in 2010, the **European Energy Conference Series** is convened by the European Science Foundation (ESF), the European Materials Research Society (E-MRS) and the European Physical Society (EPS). These three outstanding European organisations joined forces to facilitate the European Forum for Energy Research.

Further information about the conference can be found on its [website](#).

The new SMARTGRIDS RESEARCH AGENDA 2035



The European Technology Platform SmartGrids launched the new SmartGrids Research Agenda 2035 (SRA 2035).

The goal of this new SmartGrids SRA 2035 consists in determining longer term research and innovation activities, necessary for electricity networks and intelligent electric systems by 2035 and contributing to the EU's envisioned CO2 reduction of minimally 80% by 2050.

The document describes the research topics and priorities necessary for the advancement of the electricity networks and intelligent electric systems by 2035. While it mainly concentrates on technological issues, it also highlights the economical and institutional options, market boundaries, and grid regulations that will be necessary for the SmartGrids based electricity systems by 2035.

Download the [SRA 2035](#) and its [annexes](#).

4th GENERAL ASSEMBLY OF THE ETP SMARTGRIDS



Smart Grids.

The **4th General Assembly of the European Technology Platform SmartGrids** took place in Rome on 8-9 March 2012. It was organised with the support of the ERA-NET SmartGrids project, and sponsored by Enel and EDSO for Smart Grids.

The theme of the Assembly was: [The new Strategic Research Agenda 2035 \(SRA 2035\)](#). The paper provides input on future research issues, with special focus on technology PUSH and/or market PULL to highlight smart grids research needs today for year 2035.

The SRA 2035, the Conference summary as well as photos and presentations provided during the event are already available in the ETP website for downloading.

[Visit our website](#)

PRESENTATIONS FROM INNOGRID2020+

INNOGRID2020+, the European Research and Development Dissemination Seminar, took place in Brussels on 23-24 February 2012. In the wider context of the European Electricity Grid Initiative (EEGI), the event was organised by ENTSO-E and EDSO for Smart Grids.

The seminar informed on the updated ENTSO-E R&D Plan 2011, presented Research Development and Demonstration activities of transmission system operators (TSOs) and distribution system operators (DSOs) planned for coming years, and provided an update on the recently launched [GRID+ project](#).

An important part of the seminar was devoted to a poster session on a selection of on-going TSO and DSO projects in the area of RD&D.

The seminar also addressed the European Energy Strategy and the Evolution of European R&D landscape presented by the European Commission.

The slides from the presentations provided during the seminar are now available in the GRID+ website!

Download [presentations and posters](#).

Public consultation on FUTURE NETWORK TECHNOLOGIES RESEARCH & INNOVATION in HORIZON2020

The European Commission launched a call for public consultation on Future Network Technologies Research and Innovation in HORIZON2020.

Future Network Technologies research in HORIZON2020 will primarily be addressed under the Industrial Leadership pillar, which will aim at making Europe a more attractive location to invest in research and innovation, by promoting activities where businesses set the agenda.

The EC is seeking advice, comments and input to address and help prioritize in a strategic manner the needs and challenges in network communications research in Europe in HORIZON2020 from researchers in the industry and the academia, providers, manufacturers, current and future users of networks communications.

The **deadline for sending contributions is the 15th of May**. The results of this consultation will be presented at an Open Workshop organized on 29 June 2012 in Brussels, where key contributions will be invited to make a presentation of their ideas for HORIZON2020 Future Networks Research.

Your contribution would be of great value in building the future network communications research in Europe.

The call is accessible via [web](#).

GRIDCOMMS EVENT

London, 11 June 2012.

GridComms is the global Smart Grid event focused on Smart Grid Communications infrastructure. From deploying and securing advanced metering infrastructure (AMI) to building smart cities, this show is aimed at bringing communications professionals together to discuss innovation, application, and management of smart grid networks.

This event will showcase technology innovation, network and data management, customer engagement technologies, and industry collaboration.

Join global leaders on June 11, 2012 at the Sheraton Park Lane Hotel in London as they discuss the importance of building and securing networks for the advancement of Smart Grid.

Topics to be addressed include:

- Building Utility Mesh Networks
- Wireless Networking Options Outside Traditional Mesh Networks
- Ensuring Reliability
- Securing the Grid
- Managing Data Presentment
- The Customer Experience
- Billing and CIS Systems\Business Intelligence and Data Analytics
- Building Smart Cities
- Home Energy Management

Visit the event [website](#) for further information.

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