

Press release FINSENY - Version for Germany

Munich, October 17, 2011

Industry, academia join forces in Europe to develop smart energy solutions

35 leading energy and ICT companies, R&D centers and universities have formed FINSENY – the Future Internet for Smart Energy consortium. It is part of the Future Internet Public Private Partnership and co-funded by the European Commission.

Climate change and limited fossil fuel resources are driving the need for smart energy systems that can efficiently manage traditional and renewable energy sources and also cater for new uses of energy such as electric vehicles. This is particularly relevant in Germany, where initiatives to boost electric mobility and adoption of renewable energy are taking off and nuclear energy will be phased out by 2022.

Smart grids provide the answer. They enable the delivery of reliable electricity services and ensure a balance between energy generation and demand through the integration of advanced information and communications technology (ICT) into the energy system.

Leading energy and ICT companies, R&D centers and universities from Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Poland, Spain, Sweden and Switzerland have formed FINSENY to analyze a range of scenarios in the smart energy domain. FINSENY is part of the [Future Internet Public Private Partnership \(FI-PPP\)](#) and co-funded by the European Commission. The research consortium will identify the requirements of a smart grid ICT system, develop reference architectures and contribute to the development of cross-industry standardization. This will help ensure a widespread adoption of smart energy solutions in Europe and beyond.

Integrating ICT into the energy delivery infrastructure enables real-time management of unpredictable network loads and energy generation through the use of advanced communication methods such as wireless and optical communication systems. The smart grids of the future will, for example, support the charging of electric vehicles using energy generated from renewable sources and offer energy saving systems for households and commercial buildings.

Dr. Werner Mohr, head of research alliances at Nokia Siemens Networks and coordinator of the consortium said: “FINSENY brings together some of the best brains of the ICT, energy, R&D and academic world to create innovative energy solutions that will optimize the delivery of electricity to households, buildings, industry and cars. This will not only change the way we live but will also offer new business opportunities and allow new players to enter the energy market while at the same time reducing CO₂ emissions and improving our environment.”

###

Note to editors.

Further information available at:

- FINSENY: <http://www.fi-ppp-finseny.eu/>
- FI-PPP: http://ec.europa.eu/information_society/activities/foi/lead/fipp/index_en.htm

List of FINSENY partners:

ABB AG, ABB Schweiz AG, Acciona Infraestructuras S.A., Alcatel-Lucent Deutschland AG, Atos Origin Sociedad Anonima Española, B.A.U.M. Consult GmbH, Busch-Jaeger Elektro GmbH, Electricite de France S.A., Electricity Supply Board, Enel.SI SRL, Engineering - Ingegneria Informatica SPA, E.ON Sverige AB, Ericsson AB, Ericsson GmbH, European Utilities Telecom Council ASBL, Forschungsinstitut für Rationalisierung, France Telecom SA, Institut Polytechnique de Grenoble, Iberdrola SA, Intune Networks Limited, Nokia Siemens Networks GmbH & Co. KG, Nokia Siemens Networks Oy, Rheinisch-Westfälische Technische Hochschule Aachen, SAP AG, Siemens AG, ABB AG, Siemens Wind Power, Stadtwerke Aachen Aktiengesellschaft, Synelixis Lyseis Pliroforikis Automatismou & Tilepikoinonion Monoprosopi EPE, Telekomunikacja Polska SA, Telefonica Investigacion y Desarrollo SA, Telecom Italia S.p.A, Thales Communications & Security SA. VDE Verband der Elektrotechnik Elektronik Informationstechnik e.V., Teknologian Tutkimuskeskus VTT, Waterford Institute of Technology

Media Enquiries (Germany)**Nokia Siemens Networks**

Jozefa Terloo
Media Services
Telefon: +49 151 5515 3127
E-mail: jozefa.terloo@nsn.com

Siemens AG

Klaudia Kunze
Siemens AG - Technology Press and Innovation Communications
Tel.: +49 (89) 636-33446
klaudia.kunze@siemens.com

ABB AG**Alcatel-Lucent Deutschland AG****B.A.U.M. Consult GmbH**

Michaela Ballek
B.A.U.M. Consult GmbH
Tel.: 089-18935-196
Email: m.ballek@baumgroup.de

Ericsson GmbH

Forschungsinstitut für Rationalisierung

Rheinisch-Westfälische Technische Hochschule Aachen

Pressestelle der RWTH Aachen
Templergraben 55
52056 Aachen
Tel.: +49 241 80-94322
Fax: +49 241 80-92324
e-Mail: Pressestelle@zhv.rwth-aachen.de
<http://www.rwth-aachen.de/pressestelle>

RWTH Aachen University, E.ON Energy Research Center
Dr. Sabine Vogel
Tel.: +49 241 8049667
press-office@eoner.rwth-aachen.de

SAP AG

Stadtwerke Aachen Aktiengesellschaft

VDE Verband der Elektrotechnik Elektronik Informationstechnik e.V.

Melanie Mora
Pressesprecherin
Stresemannallee 15
60596 Frankfurt am Main
Tel.: +49 69 6308-461
Mobil: +49 175 1874333
Fax: +49 69 6312925
e-Mail: melanie.mora@vde.com