Inauguration of the European Interoperability Centre for Electric Vehicles and Smart Grids

The inauguration of the European Interoperability Centre for Electric Vehicles and Smart Grids will be held in conjunction with the International Symposium “Towards a Transatlantic E-Mobility Market” on 28th – 29th October 2015 in Ispra, Italy.

The two-day Symposium will bring together key stakeholders to discuss aspects related to interoperability - Vehicles and Grids - and concrete actions to pave the way towards an e-mobility market.

High level representatives from industry, research organizations and academic institutions, policy makers, regulators, standardization bodies will address the following topics:
- State-of-the-art and trends in technologies on both the vehicles and grid side (vehicles, batteries and other components, interoperability, grids and electric systems etc.);
- Market perspectives and policy initiatives to promote electrification of transport
- Fundamental research challenges to be addressed at international level on alternative fuels and transport decarbonisation
- Barriers to the deployment of e-mobility and ways to overcome them
- Future international collaboration on key e-sectors and fostering common interoperability standards.

The European Commission's Interoperability centre will be inaugurated on the 29th October 2015 in the presence of the Vice President of the European Commission for Energy Union Maroš Šefčovič and the USA counter partners from US Department of Energy, the US Argonne National Laboratory and other high level guests.

Video

Video of the inauguration ceremony

/jrc/en/video/20151029-iet-120151029 IET 1

Video of 20151029 IET 1

Programme

Presentations

Opening session I: Setting the scene

Mike Tinskey, Global Director, Vehicle Electrification & Infrastructure, Ford Motor Company

What Lies Around The Next Bend? The future of mobility and role of electrification [2]

Marcel Aslund, The Trans-Atlantic Business Council (TABC) / AUDI AG

Next steps in seeding electromobility success [3]

Josef Affenzeller, Secretary General of the European Green Vehicles Initiative (EGVIA)


Alfons Westgeest, Executive Director, Association of European Automotive and Industrial Battery
Manufacturers (EUROBAT)

**Setting the Scene: Battery Technology R&D Roadmap 2030 for Hybrid- and e-Mobility Vehicles**

David Dossett, Chair of the E-Mobility Coordination Group, CEN CENELEC

**The European Standardization System in support of e-mobility**

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**Session II: Technology Development and Innovation**

Joe Bhatia, President and CEO, American National Standards Institute

*Video message*

Gereon Meyer, Head of Strategic Projects at VDI/VDE-IT

**IEA Implementing Agreement Hybrid and Electric Vehicles**

Riccardo Groppo, Chair of the European Technology Platform on Smart Systems Integration (EPoSS) Automotive Experts Group

**Smart Systems Integration: Key Enabling Technology for e-Mobility**

Ben Kroposki, Director - Power Systems Engineering Center, NREL, USA

**Grid Modernization and Interoperability**

Michael Keller, Responsible Charging Infrastructure, Volkswagen AG

**The Future of Fast Charging**

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**Session III: Business Opportunities and Challenges**

Jesús García Martin, European Technology Platform on Smart Grids/Iberdrola

**Thinking Ahead: Electricity Network and Electric Vehicles**

Ana Aguado, Secretary General of European Distribution System Operators for Smart Grids (EDSO)

**Ana Aguado: Towards a Transatlantic E-Mobility Market, Business Opportunity and Challenges.**

João A. Peças Lopes, Full Professor of EE at FEUP and Member of the Board of INESC TEC; Vice-President of the Portuguese Association for Electric Mobility

**Integration of Electric Vehicles in Electrical Grids**

Gerrit Riemer, Director Future Mobility, General Motors

**Real World Experience by a Global Car Company**
Joseph Beretta, President of AVERE France, French Electric Mobility Development Association

French national electro-mobility association. Business opportunity and challenges. [16]

Baerte de Brey, STEDIN, Dutch Electric Utility Company

Elaad.nl: Ready to cooperate [17]

Session IV: Interoperability Requirements and Standardisation Needs

Alberto Pototschnig, Director of Agency for the Cooperation of Energy Regulators (ACER)

E-Mobility and the Challenges facing the Electricity System [18]

Wolfgang Selle, Supervisor E-Mobility & Infrastructure FoE, Dipl.-Ing., Ford Motor Company

E-Mobility: Development of a „Harmonized Test Procedure“ for Combined Charging System to Ensure Charging Interoperability for Electric Vehicles & Home / Public Infrastructure [19]

Venizelos Efthymiou, Chairman of the Research Centre for Sustainable Energy (FOSS)

FOSS leading energy sustainability: A challenging venture for a promising future [20]

Petr Dolejsi, Director for Mobility & Sustainable Transport, ACEA

Luciano Martini, Coordination of the Smart Grids Joint Programme, European Energy Research Alliance (EERA)

Luciano Martini: Interoperability Requirements and Standardisation needs [21]

Lee Slezak, Program Manager for the US Department of Energy Vehicles Technology Program in the Office of Energy Efficiency and Renewable

Perspectives on interoperability [22]

Session V: Inauguration Ceremony

Maroš Šefčovič, Vice-President of the European Commission for Energy Union

Speech of Maroš Šefčovič at the Inauguration of the European Interoperability Centre [23]

Session VI: The EU-USA collaboration on e-mobility: views from the stakeholders

Federico Testa, Commissioner of ENEA

The ENEA point of view [24]
Ernesto Ciorra, Head of Innovation and Sustainability, ENEL

Ernesto Ciorra: Towards a Transatlantic E-Mobility Market [25]

Nicholas Sherman, Coordinator of the US-EU Energy Council, the US Department of Energy

Opportunities to Accelerate R&D Cooperation [26]

Information portal

JRC general info

- JRC newsletter [27]: only in electronic version, available on the Science Hub.
- JRC Annual Report 2014 [28]
- JRC Organigramme September 2015 [29]

JRC thematic reports

- Science for Energy (June 2013) [30]
- Science for standards (May 2013) [31]

Brochures and leaflets related to the conference topic

- E-mobility and smart grids at the JRC (July 2013) [32]
- EV-Smart Grid Interoperability Centers in Europe and the US - brochure [33]
- The European Interoperability Centre for Electric Vehicles and Smart Grids [34]

JRC reports related to the conference topic

E-Mobility

- Electric vehicles in the EU from 2010 to 2014 - is full scale commercialisation near? [35]
- Individual mobility: from conventional to electric cars [36]

Smart grids

- Smart Grid Projects Outlook 2014 [37]
- Smart Grids Laboratories Inventory 2015 [38]
- A Smart Grid for the city of Rome: A Cost Benefit Analysis [39]
- Consumer engagement in the future electricity system [40]

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Links