

The Clean Energy and Mobility Revolution: the need for science and common standards

10:00 – 12:30

Objective:

E-mobility is a key growth sector in the United States and the European Union. It is a rapidly developing and highly innovative area. It has considerable economic and employment potential. The uptake of electric vehicles will contribute to reducing emissions both locally and globally, to promoting green technology and to reducing our dependence on fossil fuels. Both the United States and the European Union aim at putting an ambitious number of e-vehicles on the streets. The joint US-EU roundtable aims at making a critical contribution to this development by bringing all players together to express their views and needs, find synergies and coordinate actions.

Moderator:

Jeffries Briginshaw, EU Executive Director, Transatlantic Business Dialogue (TABD)

Speakers:

- Mary Saunders, Director, Standards Coordination Office, US National Institute of Standards and Technology (NIST)
- Giovanni De Santi, Director, JRC Institute for Energy and Transport (IET)
- Dan Arvizu, Director, National Renewable Energy Laboratory (NREL), US Department of Energy
- Ivan Hodac, Secretary-General, European Automobile Manufacturers' Association (ACEA)
- Liam Benham, Executive Director for European Governmental Affairs, Ford Motor Company
- Philippe Meyer, Head of Unit, Trade Relations with North America, Directorate-General for Trade, European Commission

Points to discuss

- What are the main challenges in the EU and the US with regard to the Clean Energy, Smart Grid and Mobility Revolution, especially for transatlantic cooperation?
- How to foster cooperation and coordinate activities between policy makers, standardisation bodies, research organisations and the industry etc. in the most efficient manner ?
- How to integrate renewables better?
- How can EU-US lab-to-lab cooperation support transatlantic efforts on interoperability and standardization?
- Investing in smart grid infrastructure: how to foster public-private partnerships?
- E-mobility: what is needed to make transatlantic cooperation a success story?
- As regards the Transatlantic Interoperability Centres on e-mobility/smart grid to be established soon, which of their tasks should be prioritised first?
- Standards: if, how and when to reach out to other key partners (e.g.: China, Japan)?

Lunch

12:30 – 13:30

Science for better policies: scientific support to policy making

13:30 – 16:00

Objective:

Science for better policies underlines the indispensable role of science in finding the appropriate answers to societies' most pressing concerns. It is clear that the future lies in new and innovative technologies: eco-industries and electro-mobility. Innovation is the key in the current context of economic globalisation that has considerably changed the world's economic order, bringing new challenges and opportunities. Evidence-based policy is increasingly important as decision-makers need more and more scientific input for policy development, therefore a more strategic and interdisciplinary approach between science and policy makers is indispensable. Science is an essential contributor, and has to be based on a permanent and strong partnership. The dialogue between policy makers and scientists is needed more than ever as citizens raise questions about the implicit risks as well as the intended benefits attached to scientific progress.

Moderator:

Vaughan Turekian, Chief International Officer, American Association for the Advancement of Science (AAAS)

Speakers:

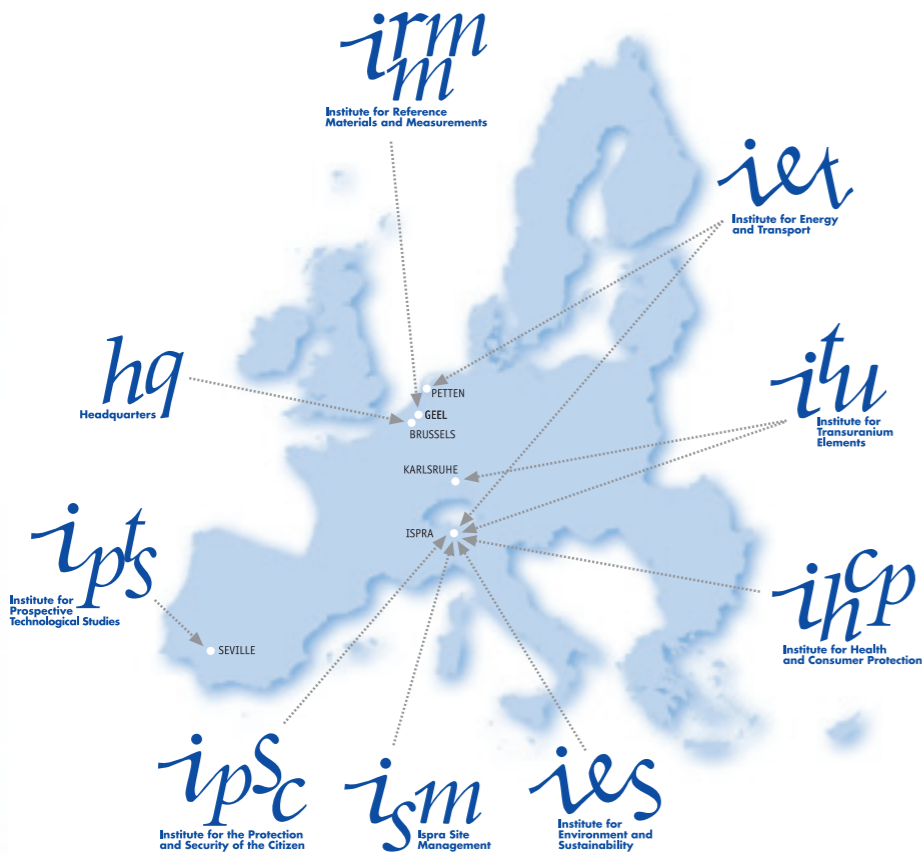
- Dominique Ristori, Director-General of the Joint Research Centre (JRC)
- Alan Leshner, CEO American Association for the Advancement of Science (AAAS)
- Edit Herczog, Member of European Parliament, Substitute member of the Delegation for Relations with the US and member of the ITRE Committee
- Eddie Bernice Johnson, Member of Congress, United States House of Representatives, Ranking Member of the House Committee on Science, Space and Technology
- Sir Brian Heap, Head of the European Academies Science Advisory Council (EASAC)

Points to discuss

- Where are joint transatlantic efforts in providing the best possible scientific support to policy making most needed?
- How to improve communication channels between science and policy? And how can science reach out to the public? How can the scientific community engage in a dialogue with society? How to evaluate the impact on society?
- How to streamline and internationalize scientific support to policy-making?
- The need for more horizon scanning: how to foster transatlantic cooperation on scientific foresight and policy anticipation?
- How can scientific support to policy making better respond to the needs of policy-makers? And to the needs of industry? How can innovation be stimulated more?
- Failures and success stories: how to build on them in the transatlantic context?
- Standardization as a key topic for transatlantic scientific cooperation: where is standardization most needed? Which should be the priorities of transatlantic work?

Closure

16:00

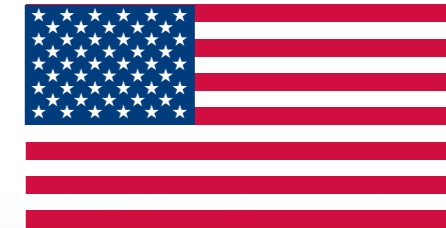


The mission of the Joint Research Centre (JRC) is to provide customer-driven scientific and technical support for the conception, development, implementation and monitoring of European Union policies. As a service of the European Commission, the JRC functions as a reference centre of science and technology for the Union. Close to the policy-making process, it serves the common interest of the Member States, while being independent of special interests, whether private or national.

Serving society, stimulating innovation, supporting legislation

Information

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Building a Transatlantic Scientific Bridge

Hosted by Dominique Ristori, Director General of the Joint Research Centre and William E. Kennard, United States Ambassador to the European Union

21 November 2011
Berlaymont Building, Schuman Room, Rue de la Loi 200, Brussels

Registration of participants
 9.00-09.30

Objective

The Transatlantic Scientific Bridge aims at fostering the debate between policy makers, standardisation bodies, industry and the scientific community on the Clean Energy and Mobility Revolution and the scientific support to policy making. This roundtable is very timely, taking place just one week before the US-EU summit and the Transatlantic Economic Council in Washington, where science and e-mobility will be high on the agenda.

Future climate change, transport and energy policy objectives will require a major transformation of the US-EU electricity infrastructure and relevant services and technologies. Strengthening and upgrading existing networks is of paramount importance to integrating an increasing amount of renewable energy generation, enhancing grid security, fostering e-mobility, developing the internal energy market and realising energy saving and efficiency. These key priorities take a high place in the political agenda both for the EU and the US. In order to achieve these goals it is necessary to reinforce scientific links in the transatlantic cooperation and share knowledge capacity.

For these technologies to deliver their envisaged benefits, however, the realisation of physical infrastructures alone will not be sufficient and must be complemented by strong scientific support, evidence-based policy, new regulations, the emergence of new business models and practices, as well as more intangible elements such as changes to consumer behaviour and social acceptance. Scientific advice is indispensable for sound policy development. It will be crucial to better coordinate scientific activities and establish bridges between key players.

Format

The conference is structured in two sessions organised as panel discussions (Session 1 and Session 2), supported by moderators. The panellists, who are all invited high-ranking representatives and experts from policy making bodies, standardisation bodies, industry and the science community, will consider key challenges of the Clean Energy and Mobility Revolution and the contribution of science for better policies. In addition, moderators will actively involve the audience in the discussions.

Opening
 09.30-10.00

The welcoming remarks will set the scene of the event, outlining its objectives in the context of the EU-US transatlantic scientific dialogue.

Dominique Ristori
 Director-General, European Commission Joint Research Centre

William E. Kennard
 United States Ambassador to the European Union

Contributors and Participants

Invited policy makers, high ranking government representatives, experts from industry and research organisations.

