



On 9 August 2013 the most populous US-state California with more than 37 million inhabitants stroke a new record: more than 27% of consumed electricity was generated by renewable energy sources. The goal of having renewable energy make up 33% of the power mix by 2020 is more ambitious than the European 20-20-20 targets and makes California a pioneer of sustainable climate and energy policy.

To guarantee power system stability and security is not only a technological challenge – more and more actors consider the conversion of our power system a social experiment based on new cooperative planning procedures. In 2007 – two years before RGI was founded – California had already established the Renewable Energy Transmission Initiative (RETI) that aimed for broad public participation of as many interest groups as possible. As coordinator of the RETI, David Olsen set new standards for cooperative procedures and transparent planning processes. Environmental and cost efficiency criteria formed the basis for the identification of grid corridors. The integrated planning approach considered both potential for efficiency enhancement and demand-side-management. Inspired by this innovative process, other actors started to rethink their own roles: grid operators increasingly take on more responsibility beyond technological neutrality.

We look forward to **Mr. David Olsen's keynote** and the following dialogue with **EU**

Commissioner Guenther H. Oettinger (tbc) and other key European stakeholder on two major questions:

- 1) How can American best practices inspire European Projects of Common Interest (PCIs)?
- 2) How can we drive innovation and achieve broad public acceptance?

The Renewables-Grid-Initiative (RGI) kindly invites you to be our guest at the

3rd European Grid Conference

European American Grid Dialogue - How can American Innovation inspire European Grid Development?

Cinquantenaire Museum (Royal Museum of Art and History), Brussels

4 December 2013, 3pm – 6.30pm

Hosted by Sir Graham Watson MEP, Chairman of the Climate Parliament

Agenda

- 15:00 Introduction
Antonella Battaglini, RGI
- 15:10 Welcome notes
Sir Graham Watson, MEP and chairman of the Climate Parliament & **Jo Leinen**, MEP
- 15:20 Why innovation matters more than ever - Personal review of the Warsaw Climate Change Conference COP 19
Christoph Bals, Germanwatch
- 15:40 Keynote - Leadership, reliability, collaboration
David Olsen, California Independent System Operator CAISO
- 16:00 European American Grid Dialogue: innovative approaches
- a) Technology & market innovation
- Innovative storage solutions
Prof Donald R. Sadoway, MIT
 - New pylon design and partial undergrounding
Paul-Georg Garmer, TenneT
 - RES integration: Opportunities for innovative grid operators
Hubert Lemmens, Elia Group
 - Power pylons of the future
Erik Bystrup, Bystrup Architecture, Design and Engineering
 - On energy
E. Bourbaki
- b) Policy & society innovation
- Building a sustainable energy future – the role of the regulator
Richard Cowart, Regulatory Assistance Project
 - Strategic Marine Grid Planning
David Pratt, Marine Scotland
 - BESTGRID – new ways of working together
Antina Sander, RGI
 - Environmental mapping of PCIs
Ivan Scrase & Suzie Lukacova, Royal Society of the Protection of Birds
- 17:00 Keynote
Guenther H. Oettinger, EU Commissioner for Energy (tbc)
- 17:30 The future belongs to us
Response statements of next generation delegates
- 18:00 Conclusion and outlook
Catharina Sikow-Magny, DG Energy & **Antonella Battaglini**, RGI