

# Clean Energy Solutions Center and the International Smart Grid Action Network (ISGAN) and the Global Smart Grid Federation

ISGAN Smart Grid Project Webinar  
Series: Response by Flexibility on  
Electricity (Reflexe) Project

October 29, 2013

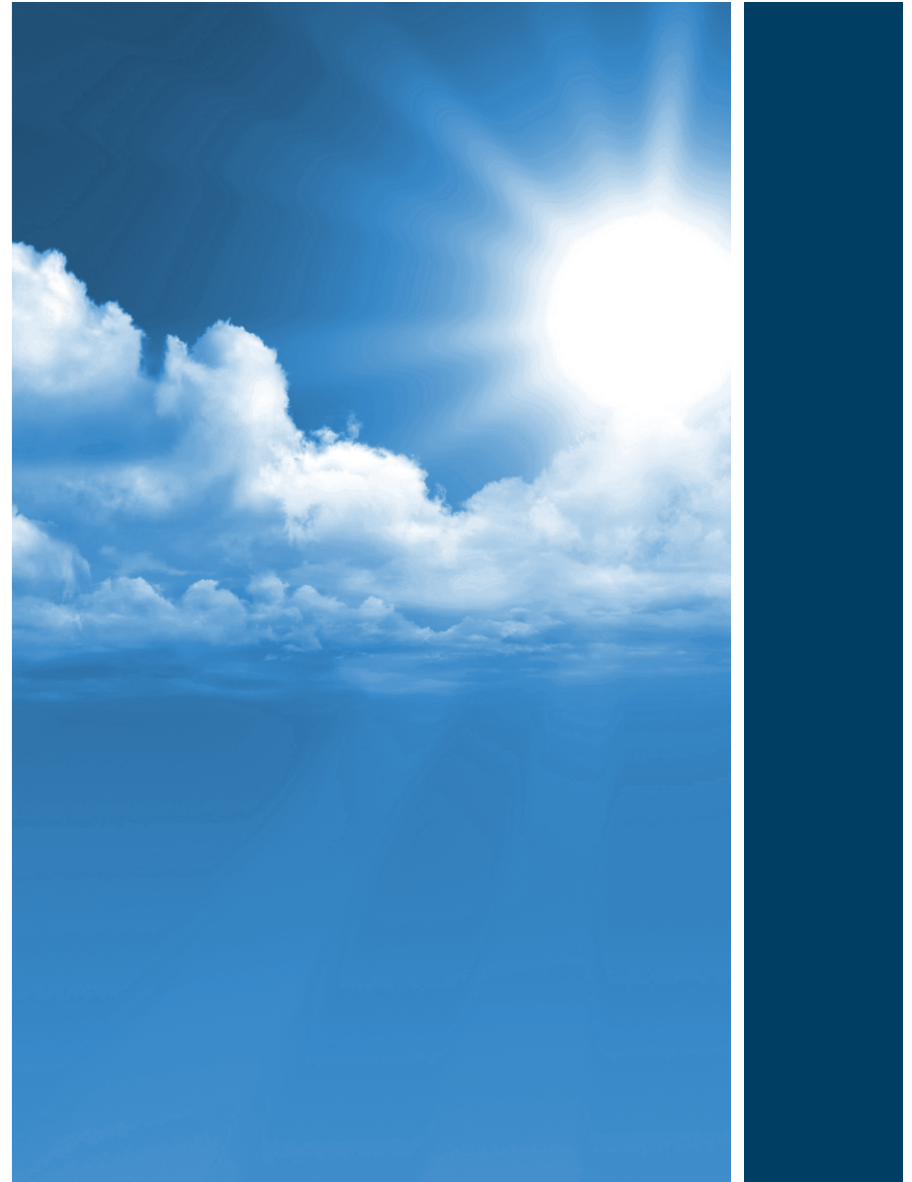
Sean Esterly– Moderator

**Panelist:**

**Axel Strang-** French Ministries of Energy &  
Environment

**Yves Bertone-** VEOLIA Environnement

**Laurent Schmitt –** Alstom Grid



## Disclaimer

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- *The Clean Energy Solutions Center does not endorse or recommend specific products or services. Information provided in this webinar is featured in the Solutions Center's resource library as one of many best practices resources reviewed and selected by technical experts*

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# Some housekeeping Items (continued)

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- <https://cleanenergysolutions.org/training/isgan-reflexe>

# Agenda

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- ✓ Welcome and Introductory Remarks
- ✓ Overview of the [Clean Energy Solutions Center](#)
  - **Sean Esterly:** National Renewable Energy Laboratory
- ✓ Presentations - Panelists:
  - **Axel Strang:** Policy Advisor on Smart Grids, Energy Storage and Hydrogen, French Ministries of Energy & Environment
  - **Yves Bertone:** Smart Grid and Electromobility Deputy Director and Coordinator of Consortium Projects, Reflexe and Yeloforever, VEOLIA Environnement
  - **Laurent Schmitt:** Vice President for Smart Grid Solutions, Alstom Grid
- ✓ Closing Remarks
- ✓ Survey

# Clean Energy Ministerial & UN Partnership Supporting the Solutions Center

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- Clean Energy Ministerial (CEM) launched the Clean Energy Solutions Center in April, 2011 for major economy countries
  - One of eleven CEM Initiatives
  - Led by Australia and U.S. with other CEM partners
- Partnership with UN-Energy is extending scope to support all developing countries
  - Enhance resources on policies relating to energy access, small to medium enterprises (SMEs), and financing programs
  - Offer expert policy assistance to all countries
  - Expand peer to peer learning and training



# Clean Energy Solutions Center

<http://www.CleanEnergySolutions.org>

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## Goals

- Serve as a first-stop clearinghouse of clean energy policy resources.
- Share policy best practices, data, and analysis tools across countries.
- Deliver dynamic services that will enable expert assistance, learning, and peer to peer sharing of experiences
- Foster dialogue on emerging policy issues and innovation across the globe.

## Target Audiences

- Primary:
  - Energy policy makers and advisors
  - Analysts
- Secondary:
  - Private sector companies,
  - Energy entrepreneurs and investors
  - Non Governmental Organizations
  - Civil society
  - Others engaged in clean energy



# Ask an Expert: Our Experts in Action

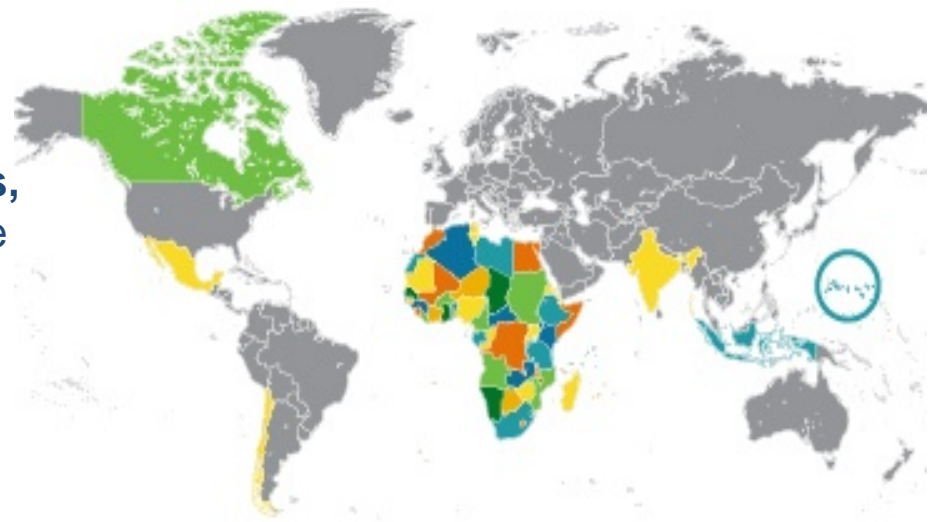
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We connect you to a global network of energy experts for personalized attention and quick response technical assistance on **strategies, regulations, standards, financial incentives, and deployment programs** for a broad range of clean energy sectors and technologies including:



- Smart Grid
- Renewable Energy
- Energy Access
- Energy Efficiency
- Transportation
- Utilities



**Requesting Assistance:**

Register on <http://cleanenergysolutions.org/expert>



# How You Can Get Involved

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- Request expert assistance or tailored technical resources for your country
- Participate in webinars, training activities, and policy networks
- Offer advice and suggest resources to share
- Register for our newsletter



**Axel Strang, Policy Advisor on Smart Grids, Energy Storage and Hydrogen, French Ministry of Ecology, Sustainable Development and Energy**

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**Axel Strang**

Following his Masters' in Materials Science and Engineering at the Ecole des Mines de Nancy, Axel received his Masters' and Ph.D. in Aeronautics and Astronautics from Stanford University. He is currently a green technologies policy advisor on smart grids, energy storage and hydrogen at the General Directorate for Energy and Climate Change (DGEC), for the French Ministry of Ecology, Sustainable Development and Energy.

**Yves Bertone, Smart Grid and Electromobility Deputy Director and Coordinator of Consortium Projects, Reflexe and Yeloforever, VEOLIA Environnement**

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**Yves Bertone**

After training in electro-mechanical engineering with specialty in electricity grid in France and Great Britain, Yves Bertone began his career in international projects in extra high voltage for Merlin Gerin, and then worked in a distribution network for local authorities and industries at Schneider Electric. In 2001, he joined Mafelec Crouzet to structure the railway market. In 2005, he developed a new service for Schneider Electric France: Performance Contracts in Energy. He joined Dalkia in 2009 and managed the Energy Management Methods and Tools department. Since 1 January 2012, he has coordinated the consortia for two projects: Reflexe (Smart Grid) and Yeloforever (Infrastructure for electrical vehicle).

## Laurent Schmitt, Vice President for Strategy and Innovation for Alstom

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**Laurent Schmitt** graduated in September 1998 from Supelec, Paris in France with a degree in Power System Engineering. He started his career in the Power Generation area with ALSTOM on Hydro and Thermal Plant Controls in Northern America. In 2000 Laurent moved to the Alstom T&D division, sold to Areva T&D, where he held positions as Sales Director for South-East Asia and Product marketing Director, covering applications for electrical protection, transmission and distribution substations, dispatching centres and energy trading platforms. Following the integration of Areva T&D's activities within Alstom in June 2010, Laurent has joined the new Alstom Grid sector as Vice President for Smart Grid Solutions, in charge of developing Alstom's offering on the Smart Grid segment worldwide.

Laurent Schmitt is member of several strategic industry committees working on Smart Grids such as CIGRE, IEC, EPRI and ENTSOe and contributes to several expert advisory taskforces to the European Commission , the International Energy Agency (IEA), and several university consortium including the University College Dublin , in the areas of Generation, Smart Grid and Storage applications. He recently co authored a white paper on Smart Grids standards convergence published through the CIMUsergroup as well as on Smart Cities to the World Energy Conference.

Time for Q&A

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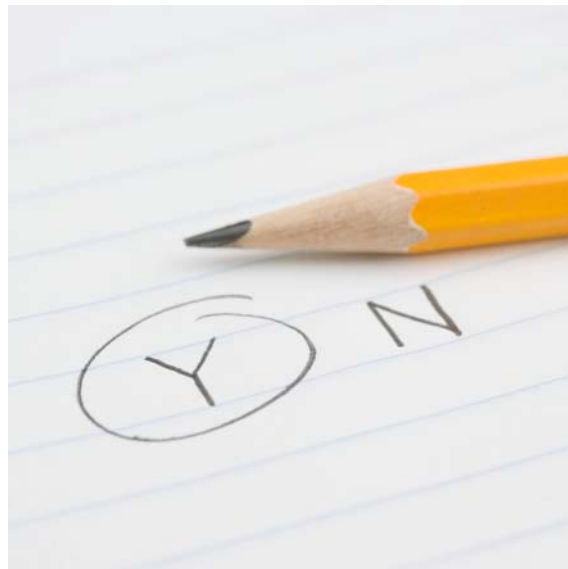
## Questions



# Survey

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- How did we do?
- Your feedback is important!



Your participation is appreciated!

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Thank you!

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reflexe](https://cleanenergysolutions.org/training/isgan-reflexe)