

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

The Grid4EU Project

January 23, 2014

Moderators:

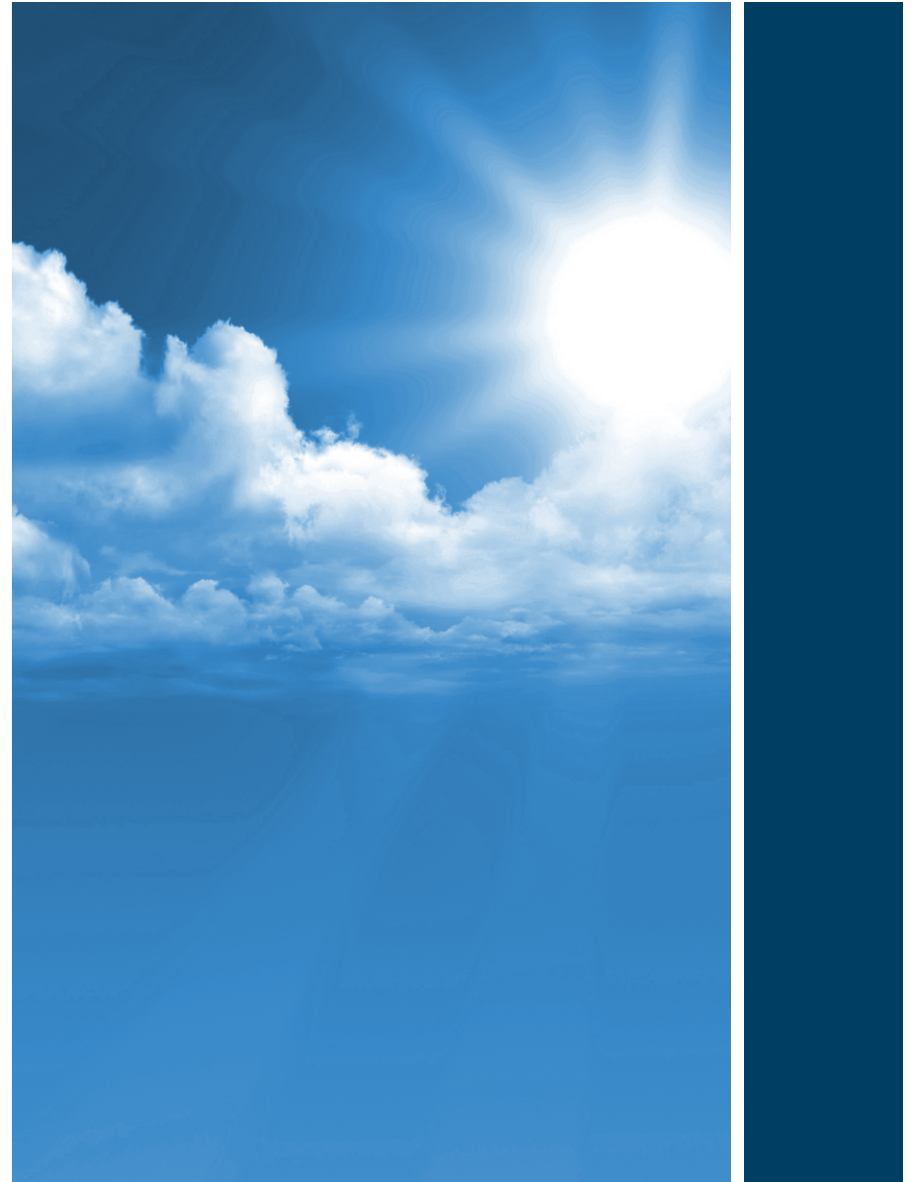
Sean Esterly, National Renewable Energy Laboratory
Janusz Bialek, Durham University

Panelists:

Rémy Garaude Verdier, Électricité Réseau
Distribution France

Lilia Consiglio, ENEL Distribuzione “Network
Technologies”

Matthieu Craye, European Commission Directorate-
General for Energy



Disclaimer

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Some housekeeping Items (continued)

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Agenda

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- ✓ Welcome and Introductory Remarks
- ✓ Overview of the [Clean Energy Solutions Center](#)
 - **Sean Esterly**, National Renewable Energy Laboratory
 - **Janusz Bialek**, Durham University
- ✓ Presentations - Panelists:
 - **Matthieu Craye**, European Commission Directorate-General for Energy
 - **Rémy Garaude Verdier**, Électricité Réseau Distribution France
 - **Lilia Consiglio**, ENEL Distribuzione “Network Technologies”
- ✓ Questions and Answers
- ✓ 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

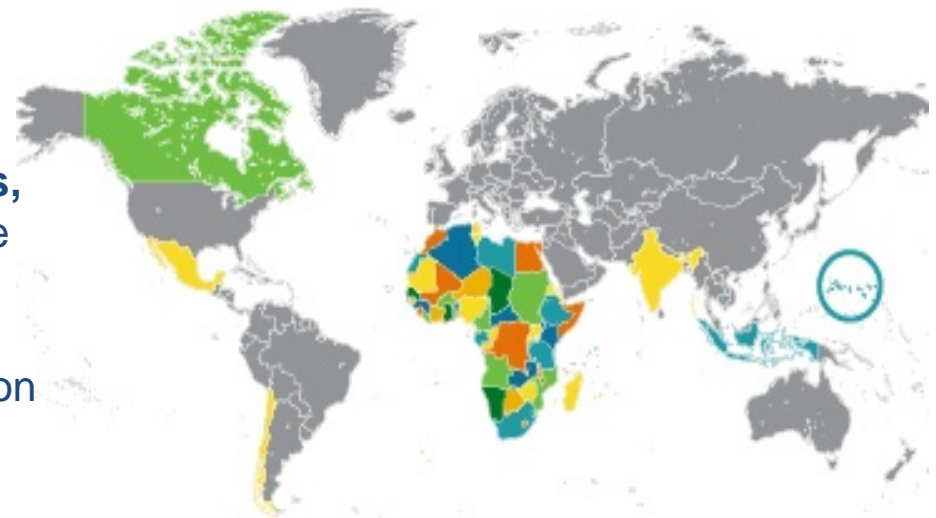
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We connect you to a global network of energy experts for personalized attention and quick response technical assistance on **strategies, regulations, standards, financial incentives, and deployment programs** for a broad range of clean energy sectors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



- Demand and Policy Evaluation
- 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



Janusz Bialek, DONG Energy Chair of Renewable Energy, Durham University

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Professor Janusz Bialek (FIEEE) was born and educated in Poland. Currently he holds the DONG Energy Chair of Renewable Energy at Durham University, previously (2003-2009) holding the Chair of Electrical Engineering at the University of Edinburgh. He will be the Technical Chair of Probabilistic Methods Applied to Power Systems (PMAPS) conference to be held in Durham in 2014. Janusz has widely published on technical and economic integration of renewable generation in the power system, smart grids, preventing electricity blackouts and power system dynamics. He has been the Principal Investigator of a number of major research grants funded by the Engineering and Physical Sciences Research Council (EPSRC) and industry. He has also been a consultant to the UK government, Scottish Government, European Commission, International Energy Agency, Elexon, Polish Power Grid Company, Scottish Power and Enron. Janusz is monitoring, on behalf of the European Commission, a number of EC-funded projects, including GRID4EU..

Rémy Garaude Verdier, Smart Grids Project Manager, Électricité Réseau Distribution France

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Rémy Garaude Verdier is a Smart Grids Project Manager within ERDF's strategy and project development department. Since 2011, Rémy is GRID4EU's Project Coordinator. Previously, Rémy has worked in a variety of jobs during a 10-year career at EDF Group. His previous roles include managing the integration of the EDF Group's SAP solution to its new nuclear build division in the UK and the US, and managing the purchase and engineering domains in the biggest SAP deployment completed to date (more than 80,000 users). Prior to joining EDF Group, Rémy managed several large construction projects around the world for VINCI Group. He is a civil engineer with an MBA from Lausanne IMD (Switzerland).

Lilia Consiglio, Smart Grids Expert, ENEL Distribuzione “Network Technologies”

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Lilia Consiglio is a smart grids expert within ENEL Distribuzione “Network Technologies” area, and she is GRID4EU’s Technical Director. Lilia joined ENEL in 1992 and participated in the first ENEL Smart Meters Project, based on power line carrier over MV and LV network. She has been working in the field of Remote Control and Distribution Automation Systems since 1996. She was involved in most of the technical activities to develop Central systems and peripheral units for remote control of ENEL HV/MV and MV/LV substations and in the definition of algorithms for automatic fault detection and restoration along MV network, presently adopted in ENEL. Lilia holds a degree in Electronic Engineering from “La Sapienza” University of Rome.

Matthieu Craye, Policy Officer, European Commission Directorate-General for Energy

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Since 2009, **Matthieu Craye** has been with the European Commission's Directorate-General for Energy, dealing with renewable energy and smart grid technologies. He manages energy RTD programmes and follows large scale EC-funded demonstration projects, in particular in offshore wind technology and in smart transmission and distribution electricity systems. He is the EC's representative to the International Smart Grid Action Network.

Previously, he was a researcher at the European Commission's Joint Research Centre and had worked in industry and academia. He holds a master's degree in energy engineering and followed postgraduate education in economics and philosophy.

Time for Q&A

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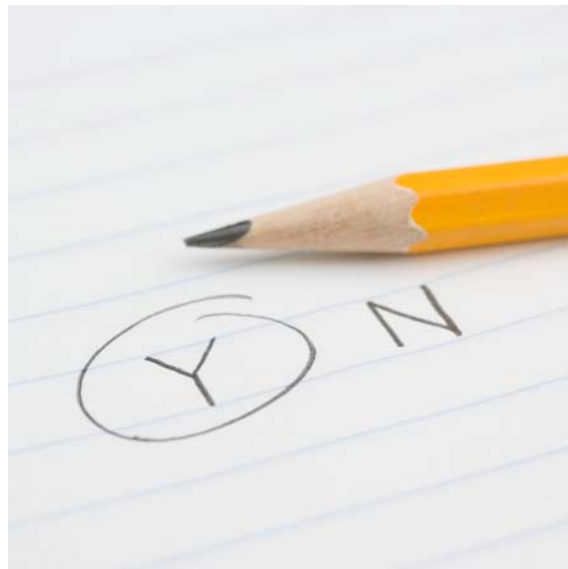
Questions



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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