

Canada

Smart Energy Canada-Germany Workshop

Nov 9 2018, Embassy of Canada, Leipziger Platz 17, 10117 Berlin

9:45 Welcome by Ambassador of Canada to Germany, Honorable Stéphane Dion (TBC)

10:00- **Briefing of the Canadian delegation**



The German Energiewende, energy markets and the electricity system
Heiko Staubitz, Project Manager Smart Energy, GTAI



WINDNODE

Smart energy field research in Germany
Markus Gräbig, Windnode project lead, WindNODE



The smart meter-roll out in Germany,
Robert Spanheimer, bitkom project manager Smart Grids & Smart Home

questions and discussion

11:00 *coffee break*

11:30 **bitkom** [@KanadaBotschaft](#) - smart energy lunch

Founder

smart domestic energy, Matthias Hemmerle, CEO



smart metering solutions, Dr.-Ing. Christian Bogatu, CEO



virtual power plants, Franziska Schuth, CEO



12:30 Data-security in energy grids and housing industry, the [federal German BSI standard](#), Jörg Lorenz, project manager green with IT

12:45 *short break to open lunch buffet*

in collaboration with

bitkom



13:00 Smart Grid technology from Canada



Broadband powerline in German Smart metering rollout - architecture, field experience and standardization roadmap, Peter Sobotka, CEO

Short presentations:



Asset Investment Planning & Management Solutions, Karim Jawad, Manager Europe



Kx for Industrial IoT and Utility Applications, Przemek Tomczak - SVP IoT & Utilities



Big Data and AI technology for utilities, Philip Playfair, CEO



spatial heat loss maps, Ian Maddock, Vice President of Business Development



Distribution grid planning and operation, Gerhard Walker, CTO



Artificial Intelligence to control distributed energy, Eric Rondeau, Director NanogridTM



SMARTCONE Technologies Inc
Safety Security Resilience

Powered By

IBM Watson IoT.

IoT-based safety and monitoring Solutions, Jodie Fisher, Global Business Unit Executive



Building Integrated Photovoltaic, Katherine Zhou, Senior Account Manager

14:30



WINDNODE showcasing smart energy systems from northeastern Germany

Markus Graebig, Project Director WindNODE

followed by three project examples from the WindNODE consortium



Utilizing flexibility for transmission/distribution grid congestion management:

The WindNODE flexibility platform, Dr. Sandra Maeding, Stromnetz Berlin



Identifying and activating industrial flexibility

Marian Süße, Fraunhofer Fraunhofer Institute for Machine Tools and Forming IWU



Arne Grein, ÖKOTEC Energiemanagement GmbH



IT infrastructure and security: smart meter gateways and broadband PLC for the connection of smart homes and smart grids

Dr-Ing. Anil Mengi, Director Strategic Positioning and innovations

15:45

questions and discussion

16:00

conclusions and final remarks

16:15 – 18:00

optional B2B meetings

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