



## Official CEM/MI Side Event

# ***First CEM ISGAN | MI IC1 Forum to Facilitate Cooperation to Accelerate the Market Uptake of Smart Grids***

**Date:** Wednesday, May 29<sup>th</sup>, 2019      **Time:** 09:00 – 17:30 hrs.

**Organizers :** CEM ISGAN TCP and MI Innovation Challenge #1 on Smart Grids

**Location:** Vancouver Convention Center, Vancouver, British Columbia, Canada (room# **MR220**)

### Event Description

ISGAN and IC1 are collaborating to accelerate the development and demonstration of smart grids technologies in a variety of grid applications and improve the uptake of electricity generation by renewable resources. Through reciprocal support, they are advancing the understanding of smart electricity systems, address gaps in knowledge and tools, improve peer-to-peer exchange and showcase excellence. This first joint CEM-MI forum on smart grids, aims to gather a variety of stakeholders in a collaborative environment to express their thoughts, opinions, and perspectives for advancing the emerging power systems of tomorrow.

#### Clean Energy Ministerial (CEM)

Focuses on the development of Clean Energy technologies and solutions that are available today

#### Mission Innovation (MI)

Supports breakthrough research and development to accelerate global clean energy innovation

#### About ISGAN

ISGAN is the short name for the International Energy Agency (IEA) Technology Collaboration Programme (TCP) for a Co-operative Programme on Smart Grids (ISGAN – International Smart Grids Action Network). It is also an initiative of the Clean Energy Ministerial (CEM) and was formally established at CEM2 in Abu Dhabi, in 2011 as an Implementing Agreement under a framework of the IEA.

ISGAN is a strategic platform, currently consisting of 26 Contracting Parties / members country from the 5 continents, to support high-level government attention and action for the accelerated development and deployment of smarter, cleaner electricity grids around the world. ISGAN's vision is to accelerate progress on key aspects of smart grid policy, technology, and investment through voluntary participation by governments and their designees in specific projects and programs. ISGAN's work streams focus on Flexibility, Resiliency, and Digitilisation of the power system and its activities are organized into seven active Annexes that are standing working groups continuously dealing with key topics and updating annually their plans and objectives.

#### About Innovation Challenge #1 (IC1)

The Smart Grids Innovation Challenge (IC1) is the first of eight ICs under MI. The main objective of IC1 is to accelerate development and demonstration of smart grids technologies in a variety of grid applications, including the robust, efficient, and reliable operation of regional and distribution grids as well as micro-grids in diverse geographic conditions, to facilitate cost effective uptake of renewable energy. IC1 is co-led by China, India and Italy. Participant countries include Australia, Austria, Brazil, Canada, China, Denmark, Finland, France, Germany, India, Indonesia, Italy, Mexico, Norway, Saudi Arabia, South Korea, Sweden, The Netherlands, United Kingdom, USA and the European Union represented by the European Commission. IC1 R&D Program of Work covers the following six R&D joint Tasks: *Storage integration, Demand response, Regional electricity highways, Flexibility options, New grid control architectures, and Power electronics*. The power of IC1 resides on a balanced mix of expertise and the adequate combination of different stakeholders joining forces to accelerate the implementation of Smart Grids projects and initiatives.

## PROGRAM

(with presentations link)

0830 – 0900	<b>Registration and welcome coffee</b>
0900 – 0905	<b>Call to Order</b> <i>Josef Ayoub, NRCan</i>
0905 – 0915	<b>Welcoming Remarks</b> <i>CEM / MI high-level representatives</i>
0915 – 0940	<b><a href="#">ISGAN – IC1 Joint Collaboration: Synergies to accelerate Smart Grids deployment</a></b> <i>Presentation by ISGAN Chair and MI IC1 co-Leads</i>
0940 – 1010	<b>CEM – MI High Level Statements</b> <i>CEM / MI high- level representatives (tbd)</i>
1010 – 1035	<b>Joint Messages and Announcements to policy</b> <a href="#">SGIA announcement and video</a> , <a href="#">IC1 Country Report 2019 Release</a> , Regulatory sandboxes <i>IC1 co-leads, ISGAN Chair, Regulator and Industry representatives</i>
1035 – 1050	<b>Joint Fact Sheets on <a href="#">Flexibility</a> and <a href="#">Energy Storage</a> Announcements</b> <i>First practical examples of joint collaboration</i>
1050 – 1110	<b><a href="#">ISGAN Awards Of Excellence Ceremony (including GSGF Award)</a></b> <i>Presentation of ISGAN Awards of Excellence winners – CEM/MI reps</i>
1110 – 1120	<b><a href="#">Group Photo</a></b>
1120 – 1140	<b>Break</b>
1140 – 1220	<b>Keynotes:</b> <a href="#">Global energy transformation &amp; the role of innovative solutions for a renewable-powered future</a> , <b>P. Durrant</b> , IRENA <a href="#">Tracking clean energy innovation: opportunities and challenges for smart grids</a> , <b>Dave Turk</b> , IEA
1220 – 1330	<b>Networking Lunch</b>
1330 – 1340	<b>Greeting Speech</b> <b>Frank des Rosier</b> , Assistant Deputy Minister, NRCan, Canada
1340 – 1350	<b>2<sup>nd</sup> Smart Grids Industry Workshop - Accelerating Smart Grids Market Uptake</b> <i>IC1 / ISGAN Setting the stage for the afternoon sessions</i>
1350 – 1440	<b>Regulatory and market innovations for advancing smart grids</b> <b>Chair:</b> Senja Nordström, Swedish Energy Agency ➤ <a href="#">ISGAN Case Book on experimental regulatory sandboxes</a> , <b>Magnus Olofsson</b> , Swedish Energy institute, Sweden ➤ <a href="#">Regulatory experiences towards power system innovation in Italy</a> , <b>Luca Lo Schiavo</b> , Italian Regulatory Authority ➤ <a href="#">The role of Regulators in developing a functioning and interoperated Mediterranean energy market</a> , <b>Hasan Ozkoc</b> , Mediterranean Energy Regulators (MEDREG)
1440 – 1520	<b><a href="#">Scan of Success Stories Worldwide</a></b> <i>6 x 7 minutes ISGAN Awards of Excellence Finalist presentations</i>
1520 – 1610	<b>The Smart Grids Innovation Accelerator (SGIA) and Industry Success stories</b> <b>Chair:</b> Business leader and/or one of the co-leads ➤ <a href="#">The SGIA platform as an useful tool to foster Public-Private Collaboration</a> , <b>Luciano Martini</b> , RSE ➤ <a href="#">Private-Public Partnership in the Energy Sector in India</a> , <b>Ganesh Das</b> , Tata Power Delhi Distribution limited ➤ <a href="#">Mobile energy and smart grid: thin film solar technology and cases</a> , <b>Jian Ding</b> , Hanergy Thin Film Power Group ➤ <a href="#">Smart Grid industrialisation to meet COP21 commitments</a> , <b>Remy Garaude Verdier</b> , ENEDIS ➤ <a href="#">Research and innovation strategy and digital twins</a> , ENEL
1610 – 1720	<b>Panel Discussion on Public-Private Collaborations on Smart Grids and the Way Forward</b> <b>Chair:</b> <b>Haitze Siemers</b> , DG Energy   European Commission <i>The discussion will focus on regulatory framework evolution to facilitate the development of smart grids and on strategies and approaches to be developed to promote effective and long-term Public-Private Collaborations</i>
1720 – 1730	<b>Closing Remarks: Wrap up &amp; Next Steps</b>

Download all presentations by one click