Speakers

Confirmed speakers (as of August 25, 2015): Yoji Arikura– NEDO — Japan; Stefano Besseghini—RSE – Italy; Pedro Blanco Iberdrola— Spain; Ronnie Belmans —GSGF - Belgium; Henrik Bindner –DTU – Denmark; Cyro Vincente Boccuzzi – ECOEe - Brazil; Helfried Brunner AIT - Austria; Paul Budde—Smart Grid Australia— Australia; Gianpiero Carocci — Vodafone - Italy; Maher Chebbo—SAP — France; Marcello Capra—— Ministry Economic Development—Italy, Flavio Cucchietti—Telecom Italia— Italy; Davide Della Giustina—A2A—Italy; Martin Dunlea—Oracle UK; Luis Fischer—Eirgrid —Ireland; Livio Gallo—Enel Global Infrstructures and Networks—Italy; Dong Jin Geum—KEPCO—South Korea; Milad HAMIDZADEH—Energise—Germany; Poul Heergaard—NTNU—Norway; Anne Houtman – European Commission; Liu Jianming— - Stage Grid Science and Technology Department—China; Ludwig Karg – BAUM—Germany; Sebastian Lehnhoff - OFFIS—Germany; Joachim Lindborg—Inteligent Energy—Sweden; Luca Lo Schiavo –AEEGSI— Italy; Ali Askar Sher Mohammad—SEDA – Malaysia; Wolfgang Nedler—Nedconsult— Germany; Reji Kumar Pillai—ISGF—India; Dr. Joshua Rhodes—Univesity Texas— USA; Ajoy Rajani—ISGF—India; Bram Sieben—Alliander—The Nederlands; Nick Singh—ESKOM—South Africa; Daniele Stein—Enel—Italy; Sasha Sud—Smartgrid and energy data—Canada; Paddy Turnbull—GSGF—UK; Chris Vandaele—Fifthplay—Belgium; Rémy Garaude Verdier—ERDF France; Masaaki Yamamoto—NEDO – Japan; Elena Yatsenko—Rostov Technopark—Russia;

Traveling and lodging

A block of rooms have been reserved in the following hotels – please refer to the reservation code: ISGAN

- Hotel "IL GRISO": Strada provinciale 51, 23864 Malgrate – Lecco – phone: +3903412398.1— Email: hotel@grifo.info
- NH Hotel Pontevecchio in Lecco: Via Azzone Visconti 84 , 23900 Lecco – phone: +390341238000 - Email: y.franco@nh-hotels.com
- Hotel Alberi: Lungo Lario Isonzo4 23900 Lecco – phone: +390341350992— Email: info@hotelalberi.it

TRAVEL TO LECCO

You should book your flight to Milano Malpensa or Bergamo Orio al Serio airports. Upon arrival at the airport:

- By taxi: this is the easiest but most expensive way to reach Lecco: the cost will be approximately 130-150€ from the airport
- By car: From Malpensa: via SS36 speedway 57 km
- By train: Take the MALPENSA EXPRESS TRAIN to Milano Centrale Station (30 min) – train timetables at www.malpensaexpress.it — Change train to Lecco (45 min) – timetables at www.trenitalia.com. The journey from Milano Centrale to Lecco station takes about 40 minutes and costs 3.6 €.

ISGAN international smart grid action network

GSGF Global Smart Grid Federation

Interested to participate? contact

Ilaria.ame@rse-web.it or

francesca.delarderel@rse-web.it

ISGAN international smart grid action network

INTERNATIONAL WORKSHOP

THE ROLE OF COMMUNICATIONS AS CRITICAL ENABLER FOR THE DEVELOPMENT OF SMART ENERGY SYSTEMS

Chamber of Commerce Lecco (Italy) 14-15 September 2015

RSE Ricerca Sistema Energetico

The conference

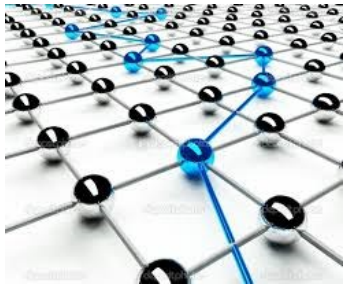
SUMMARY

The International Smart Grid Action Network (ISGAN, www.iea-isgan.org) and Global Smart Grid Federation (GSGF, www.globalsmartgridfederation.org), in partnership with the European project, ELECTRA, are organizing a two-day international conference on the critical role of communications in enabling smarter, cleaner energy systems. The conference brings together smart grids, smart energy, smart cities, and communications actors, experts, and stakeholders to discuss the policy, regulatory, legislative and technical challenges that must be addressed to leverage the full potential of communications for the expansion of smartness and flexibility in energy systems. Space is also available in a dedicated exhibition hall for outstanding projects to showcase and disseminate their achievements (for a small fee).

BACKGROUND

Disruptive advancements in energy technology, regulation, and business models are driving dramatic evolution in energy systems. Traditional assumptions about energy system organization and operation no longer hold. Smart electricity grids have been the prime mover of this evolution by enabling the integration of variable renewables, empowering final users to participate in liberalised markets, and increasing overall network efficiency, system flexibility and resilience. Now, as the smart grid concept vision evolves towards holistic concepts of smart communities and cities, a similar path is foreseen for the entire energy system, comprising not only electricity but also transport, gas, water, heat and cooling, lighting, and other energy-related services. Communications systems are an essential foundation for modern clean energy systems. Coordinated, real-time action among system elements – technological, institutional, and otherwise – is needed to ensure widespread, sustainable and affordable access to energy services, enhance energy security and quality of supply, and facilitate the active and fair participation of all energy system stakeholders.

Fundamental elements include data gathering, transmission, security, access, privacy, analysis and elaboration into actionable information and knowledge However, several barriers must be addressed to realize the potential of integrating modern energy and modern communications. Paradoxically, the two systems have frequent difficulties in effectively interacting with one another, because of different system dynamics, sector norms, expectations, policy and regulations, and relation to the final user. Communication technologies are characterised by a very quick evolution with short lifetimes and rapid obsolescence, acting in predominantly liberalised and strongly competitive markets where the final user and the satisfaction of its communication service needs are the key to commercial success. Energy systems are much more conservative and slow to evolve, with investment returns measured across decades, heavy regulation (at least for transmission and distribution services), and only limited direct engagement of the final user, who often has difficulty in evaluating the potential for his or her direct interest.



ORGANISATION AND OUTREACH

The conference is organised in the immediate vicinity of ISGAN's 10th Executive Committee meeting, where decision makers from 25 participating countries will gather to share information, knowledge and experience. It is co-organised with GSGF in the frame of a multi-year ISGAN-GSGF collaboration. The European project, ELECTRA, contributes to the planning and organisation of the conference through its internal structure for international cooperation.

Preliminary programme

Monday September 14

08.30 – 09.30	Registration and introduction
09.30 – 10.15	Welcome speeches
10.15 – 10.45	Keynote speech
11.00 – 12.45	Session 1: Communications as enablers of integrated services – smart cities: expert voice and round table
13.45-15.45	Session 2: Communications for smart grids: requirements, architectures, security and standards expert voice and round table
16.00-18.00	Session 3: Communications for smart grids: Policy, Regulation, data privacy and Markets expert voice and round table
18.00-21.00	projects exhibition and cocktail

Tuesday September 15

08.30 – 09.30	Registration
09.30 – 10.00	Welcome speeches
10.00 – 10.30	Keynote speech
10.45-12.00	Session 4: Communications for smart grids: Achievements in projects and specific applications – smart meters – Infrastructure – data handling – data analytics—round table
12.00-13.15	Session 5: Communications for smart grids: Achievements in projects and specific applications – Demand response—round table
14.15-15.30	Session 6: Communications for smart grids: Achievements in projects and specific applications – Network automation—round table
15.30-16.00	Wrap up, closing messages, projects exhibition