

Plug & Play: Charged for the Future?

EURELECTRIC Annual Convention and Conference

19-20 June 2017 – Estoril Centro de Congressos, Portugal

Programme Outline

Sunday 18 June 2017	
19.30-21.00	Welcome Cocktail for all participants at the MAAT
Monday 19 June 2017	
8.00-9.00	Registration and Coffee in the Exhibition Area
9.00-9.30	Welcome & Opening
9.30-12.30	Session I : The Value of Electrification
10.45-11.30	Networking Coffee Break in the Exhibition Area
12.30-13.45	Networking Lunch in the Exhibition Area
12:30-13.30	Press Conference
13.45-16.30	Session II : Customers in a Digital and Electrified Society
15.15-15.45	Networking Coffee Break in the Exhibition Area
19.30-23.00	Gala Dinner for all participants at Convento do Beato
Tuesday 20 June 2017	
9:10-12.00	Session III – Beyond Utilities
10.15-11.00	Networking Coffee Break in the Exhibition Area
12.00-13.15	Networking Lunch in the Exhibition Area
13.15-13.45	Awards Ceremony
13.45-14.30	Session IV – On the Path to the 2050 Power System
14.30-15.00	Networking Coffee Break in the Exhibition Area
15.00-16.00	Panel Debate
16.00-16.30	Concluding Remarks

Side Activities

	Exhibition
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Plug & Play: Charged for the Future?

Monday 19 June 2017

8.00-9.00 Registration & Coffee in the Exhibition Area

9.00 **Welcome & Opening**

9.00-9.30 **Welcome to Conference**

Antonio MEXIA ([read more](#))

Outgoing President of EURELECTRIC & CEO of EDP

9.30 **Session I: The Value of Electrification**

9.30-9.45 **Chair: Kristian RUBY, Secretary General of EURELECTRIC** ([read more](#))

The European electricity sector expects to invest €1.8 trillion between 2010 and 2050 in the modernisation of the European power system to meet Europe's decarbonisation commitments. As electricity becomes increasingly decarbonised, it represents an important solution to the decarbonisation of other sectors of the economy. What are the key enablers to achieve a fully electrified society? How can carbon-neutral electricity support the decarbonisation of other sectors? How can electricity, if allowed to penetrate other sectors, accelerate the decarbonisation process?

KEYNOTE SPEECH

9.45-10.00 **Electricity well below 2 Degrees: from Challenges to Opportunities**

Laszlo VARRO ([read more](#))

Chief Economist

International Energy Agency

APPLICATION & DEMONSTRATION

10.00-10.10 **EVs becoming Integral Part of the Grid: Vehicle-to-Grid hub (V2G)**

Elias POYRY ([read more](#))

CBO

Virta Ltd. (Liikennevirta Oy)

10.10-10.20 **RealValue Small-Scale Energy Storage**

Rowena McCAPPIN ([read more](#))

Project Director

Glen Dimplex

10.20-10.30 **Q&A**

10.30-11.15 Coffee Break in the Exhibition Area

11.15-12.15 **PANEL DEBATE INTRODUCED BY EVOTING, Gregorio OGLIARO, Utilities Managing Director (Digital Grid in EALA), Accenture** ([read more](#))

Jean-Bernard LÉVY ([read more](#))

Vice-President of EURELECTRIC, CEO of EDF

Francesco STARACE ([read more](#))

CEO of Enel

Patrick O'DOHERTY ([read more](#))

CEO of ESB

Antonio MEXIA ([read more](#))

Outgoing President of EURELECTRIC & CEO of EDP

Guido BORTONI ([read more](#))

President, Italian Regulatory Authority for Electricity Gas & Water

12.15-13.45 Networking Lunch in the Exhibition Area

12.30-13.30 Press Conference

Monday 19 June 2017

13.45 Session II: Customers in a Digital and Electrified Society

Chair: Wytse KAASTRA, Managing Director Utilities Netherlands & Energy Consumer Services EALA, Accenture ([read more](#))

Today, 3 billion people across the world are connected to the internet; by 2019 this number is expected to reach 5 billion. In an increasingly digitalised world, people are continuously online, moving seamlessly among the web, telephony, social media and messaging across multiple devices¹. Despite the heterogeneity of consumers, they expect a similar, seamless experience from their energy providers. How will companies manage these changes? How can companies appeal to the consumers of tomorrow? How should they refocus retail and DSO activities?

KEYNOTE SPEECHES

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|----------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| 13.45-14.00 | Global Trends in Clean Energy and Transportation | Michael LIEBREICH (read more)
Chairman of the Advisory Board
Bloomberg New Energy Finance |
| 14.00-14.10 | Power Play
New Platform Models of Power Distribution in the Future Energy System | Sander VAN GINKEL (read more)
Managing Director Strategy Utilities
Accenture |
| 14.10-14.20 | The DSO as Facilitator of The New Electricity Consumer | Julio CASTRO (read more)
Executive Vice President Regulation
Iberdrola |
| APPLICATION & DEMONSTRATION | | |
| 14.20-14.30 | E.ON Solar Cloud | Gavin ROBERTS (read more)
Head of Strategy & Portfolio
E.ON SE |
| 14.30-14.40 | Integrated Smart Home Concept | Antonio José COUTINHO (read more)
Member of the Board, EDP Commercial |
| 14.40-14.50 | Q&A | |

14.50-15.30 Coffee Break in the Exhibition Area

15.30-16.30 PANEL DEBATE INTRODUCED BY EVOTING

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| <p>Alistair PHILLIPS-DAVIES (read more)
Vice-President of EURELECTRIC
CEO of SSE plc</p> <p>Javier ORMAZABAL (read more)
President and CEO of Ormazabal</p> | <p>Hando SUTTER (read more)
Chairman of the Management Board
Eesti Energia AS</p> <p>Knud PEDERSEN (read more)
Vice President, DONG Energy
Chairman of the Board for Radius</p> |
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16.30 End of Day 1

19.30 Gala Dinner

¹ The New Energy Consumer – Accenture, 2016

Tuesday 20 June 2017

9.10-9.15 **Welcome Day 2**

Kristian RUBY ([read more](#))
Secretary General of EURELECTRIC

9.15 **Session III: Beyond Utilities**

Chair: Stephen WOODHOUSE, Director, Poyry Management Consulting ([read more](#))

The sharing economy (the use of digital platforms, portals, etc) facilitated around €30 billion of transactions in 2015. Today it is dominated by peer-to-peer accommodation and transportation and on demand household services. Will we see an Uber or Airbnb equivalent in the electricity sector? Will community micro-grids develop in Europe? How does the sector recover costs for underlying infrastructure vital to provide new service offerings? Will the blockchain technology bring incremental innovation in some niche applications or will it facilitate disruptive forces in the energy landscape 5 years from now?

KEYNOTE SPEECHES

9.15-9.30 **The Digital Utility – How IoT, Software and Data Science Will Reshape Our Industry**

Ganesh BELL ([read more](#))
Chief Digital Officer
GE Power

9.30-9.45 **Disrupting the Disruptors through Block Chain Technology - a Real Sharing Economy at last?**

Kirsten HASBERG ([read more](#))
Co-founder of StromDAO Ltd. & Lecturer at the IT-University of Copenhagen

APPLICATION & DEMONSTRATION

9.45-9.55 **AirBnB of the Energy Market: Selling Energy to your Neighbours**

Lars FALCH ([read more](#))
Founder & Managing Director
Powerpeers

9.55-10.05 **Blockchain Application for P2P in Brooklyn**

Scott KESSLER ([read more](#))
Director, Business Development
LO3 Energy

10.05-10.15 **Q&A**

10.15-11.00 **Coffee Break in the Exhibition Area**

11.00-12.00 **PANEL DEBATE INTRODUCED BY EVOTING**

Ewald HESSE ([read more](#))
CEO & Co-Founder, Grid Singularity

Kristen PANERALI ([read more](#))
Head of Electricity Industry
World Economic Forum

Catarina NAUCLER ([read more](#))
R&D Manager
Fortum Sweden

Ricardo KLATOVSKY ([read more](#))
Global Vice President, Energy & Utilities
Industry, IBM

12.00-13.15 **Networking Lunch in the Exhibition Area**

Tuesday 20 June 2017

13.15-13.45 **Awards and Hackathon**

PRESENTATION OF HACKATHON WINNERS

Presented by:

Kristian RUBY, Secretary General of EURELECTRIC
Markus BECKER, GE Global

EURELECTRIC STUDENT AWARD
EURELECTRIC INDUSTRY & INNOVATION AWARD
Presentations followed by Electronic voting

Presented by:

Hans ten BERGE
Former Secretary General of EURELECTRIC

13.45 **Session IV: On the Path to the 2050 Power System**

Chair: Jorge VASCONCELOS, Chairman of NEWES, New Energy Solutions, Former Chair of CEER ([read more](#))

The conference has explored three themes: What opportunities are there for electricity as a low-carbon energy carrier in the context of the Paris Climate Agreement? What will the customer proposition look like in the future? How is the core purpose of a utility changing when technological change allows consumers to sell and purchase electricity from each other? CEOs will be called upon to develop their vision of the future and show the audience how they are future-proofing their businesses. What regulatory toolsets and market design principles are necessary to ensure security of supply throughout the energy transition and in a zero carbon electricity system? Where is the value for utility businesses in 10, 20, and 30 years' time?

KEYNOTE SPEECHES

13.45-14.00

"A Two Market Solution" with Active Consumer Participation

David ROBINSON ([read more](#))

Senior Research Fellow
Oxford Institute of Energy Studies

14.00-14.15

Markets reimaged to finance flexible, low-carbon, low-cost electricity grids

David NELSON ([read more](#))

Executive Director, Energy Finance
Climate Policy Initiative

14.15-14.30

Q&A

14.30-15.00 **Coffee Break in the Exhibition Area**

15.00-16.00 **PANEL DEBATE INTRODUCED BY EVOTING**

Marta GAJĘCKA ([read more](#))

Vice-President for Market Development and
International Relations, PGE

Christian RYNNING-TØNNESEN ([read more](#))

CEO of Statkraft

Juan Jose ALBA RIOS ([read more](#))

Vice President, Regulatory Affairs
Endesa

Dalius MISIUNAS ([read more](#))

Chairman of the Board and CEO
Lietuvos Energija, UAB

16.00-16.30

Concluding Remarks

Antonio MEXIA ([read more](#))

Outgoing President of EURELECTRIC & CEO of EDP

Incoming President of EURELECTRIC

16.30 **End of Conference**