

European Union Energy Day

EU's Clean Energy Future:
From Technology Development
to System Integration

Programme

Venue

World Future Energy Summit

ADNEC, Abu Dhabi

Hall/ Pavilion 11 meeting room DH6

16 January 2018

#EUenergyday

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EU's Clean Energy Future: From Technology Development to System Integration

09.00 - 11.00 **INTERNATIONAL COLLABORATION IN CLEAN ENERGY RESEARCH AND INNOVATION**

Accelerating the transition to a low-carbon economy is a global challenge and a key political priority of the EU. To address this challenge, the EU's biggest transnational research and innovation programme "Horizon 2020" includes important funds and instruments earmarked for clean energy.

This session will present EU's priorities to accelerate clean energy innovation, the latest funding opportunities for the period from 2018 to 2020, and opportunities for international cooperation to enlarge the portfolio of available clean energy options, to bring down costs, and to work together with EU leading research organisations, companies and champions to advance the global competitiveness of renewables.

Chair:

- **Mechthild Wörsdörfer**, *Director of Renewables, Research and Innovation, Energy Efficiency, Directorate-General for Energy, European Commission*

Keynote opening addresses by:

- **EU leadership role in clean energy innovation**
- **H.E. Matar Hamed Al Neyadi**, *Undersecretary, Ministry of Energy, UAE*

PANEL DISCUSSION 1: Setting the innovation agenda for the clean energy transition

Moderator:

- **Paula Abreu Marques**, *Head of Renewables and CCS, Directorate-General for Energy, European Commission*

Panelists:

- **Frank Wouters**, *Director, EU-GCC Clean Energy Technology Network*
- **Roland Roesch**, *IRENA Innovation and Technology Centre*
- **Pierre Bernard**, *Friends of the SuperGrid*
- **Anis Jouini**, *Deputy Head of CEA LITEN, and in charge of Solar Energy*
- **Rui Beon**, *Co-Founder, BeON Energy*
- **Thomas Nowak**, *Secretary General, European Heat Pump Association*

12.00 - 13.30 **BUFFET LUNCH AND NETWORKING WITH EU-START UPS**

Featuring EU start-ups and innovators that will also be presenting their latest technologies and solutions to support the clean energy transition.

13.30 - 17.00 **LEADING DEVELOPMENTS IN THE CLEAN ENERGY TRANSITION**

The European Union is setting the new policy framework for the clean energy transition in line with its 2020 and 2030 targets, including research and innovation initiatives to support EU's ambition to become a global leader in renewables. Key research areas include breakthrough technologies, renewable energy solutions for consumers and prosumers and digitalisation of the energy system.

This session will present the latest results from EU's research and innovation activities, provide insights in the latest developments for innovative markets, and discuss international cooperation activities with the GCC.

Co-Chairs:

- **Frank Wouters, Director**, EU-GCC Clean Energy Technology Network
- **Mechthild Wörsdörfer**, Director of Renewables, Research and Innovation, Energy Efficiency, Directorate-General for Energy, European Commission

Keynote address:

- **Dr Nicolas Calvet**, Chair of the Masdar Institute Solar Platform (MISP), Khalifa University of Science and Technology, UAE

14.00 **PANEL DISCUSSION 1: Advances and innovation in renewable energy technologies**

Moderator:

- **Pjotr Tulej**, Head of Renewables, Directorate-General for Research & Innovation, European Commission

Keynote:

- **Javier Sanz Rodriguez**, Innoenergy, CTO Renewables Energies

Panelists:

- **Sonja Chirico Indrebø**, Vice President Strategy & Innovation in New Energy Solutions, Statoil
- **Tommaso Morbiato**, Founder, CEO, Windcity
- **Chokri Mousaoui**, Founder, Eternal Sun Group
- **Tord Jonsson**, Supply Chain and Quality Manager, CorPower Ocean

15.30 **PANEL DISCUSSION 2: Advances and innovation in renewables system integration and digitalisation**

Moderator:

- **Paula Abreu Marques**, Head of Renewables and CCS, Directorate-General for Energy, European Commission

Keynote:

- **Arash Aazami**, Energy Entrepreneur, Kamangir Founder, Universal Right Founder

Panelists:

- **Philip Pieters**, imec, EnergyVille, Business Development
- **Bruce Douglas**, Deputy CEO, SolarPower Europe and Co-Chairman, Global Solar Council
- **Peter Hermans**, CTO, Stedin
- **Peeter Pikk**, Board member, 220Energia OÜ
- **Roberto Vigotti**, Secretary General, RES4MED&Africa
- **Osamah Al-Sayegh**, Executive Director, Energy & Building Research Center (EBRC), Kuwait Institute for Scientific Research

EU Invests in the Planet: Ten Initiatives for a Modern and Clean Economy. December 2017



The Strategic Energy Technology (SET) plan. November 2017



Third Report on the State of the Energy Union. November 2017



EU Horizon 2020 work programme on secure, clean and efficient energy:



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