

**Frankfurter Allgemeine Forum**

INSELN DER AUFMERKSAMKEIT

**#EnerSec16**

**#4 ENERGY SECURITY SUMMIT 2016  
INNOVATIONS FOR A DIVERSE  
ENERGY SUPPLY**

**2 June 2016, ESMT – European School of  
Management and Technology, Berlin**

# ENERGY SECURITY SUMMIT 2016

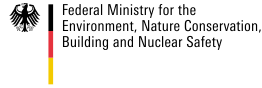
## INNOVATIONS FOR A DIVERSE ENERGY SUPPLY

With the fourth »Energy Security Summit« Frankfurter Allgemeine Forum places the future challenges for the business community, science and politics as a result of major changes on the international energy markets into the spotlight of the public debate.

Under the title »Innovations for a Diverse Energy Supply« the new technologies and visionary projects to achieve a diversified energy supply and ambitious climate goals as well as the necessary critical framework conditions take centre stage.

This year's Summit will focus on future-oriented technologies and strategies for the diversification of energy supplies. With a view to the achievement of ambitious climate goals, the competition conditions on markets undergoing major changes and the role of politics against the backdrop of these considerable challenges, solutions for joint actions are to be discussed with decision-makers from the business community and politics as well as scientists and representatives of international nongovernmental organisations.

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## **SPEAKERS**

**Jan Aengenvoort**, *Head of Communications & Research, Next Kraftwerke*

**Khalid K. Al Hajri**, *Chairman and CEO, Qatar Solar Technologies*

**Anis Aouini**, *Inventor, Founder & Chairman, Saphon Energy*

**Rainer Baake**, *State Secretary, Federal Ministry for Economic Affairs and Energy, Federal Republic of Germany*

**Tom Brown**, *Senior Postdoctoral Researcher, Frankfurt Institute for Advanced Studies*

**Spyridon Chatzivasileiadis**, *Professor, Technical University of Denmark*

**Ralf Christian**, *CEO Energy Management Division, Siemens*

**Barbara Hendricks**, *Federal Environment Minister, Federal Republic of Germany*

**Martin Kaiser**, *Head of International Climate Politics, Greenpeace*

**Hans Jürgen Kerckhoff**, *President, Executive Directorate, Wirtschaftsvereinigung Stahl*

**Selim Kunalalp**, *Deputy Secretary General, Energy Charter Treaty*

**Barbara Minderjahn**, *Managing Director, VIK Verband der Industriellen Energie- und Kraftwirtschaft e. V.*

**Tore Land**, *President and CEO, TouGas Oilfield Solutions*

**Friedbert Pflüger**, *Director, European Centre for Energy and Resource Security (EUCERS), King's College London; Member of the Steering Committee, Ghorfa*

**Julian Popov**, *Former Minister of Environment and Water of Bulgaria, Fellow, European Climate Foundation*

**Michael Schmidt**, *CEO, BP Europa*

**Alexander H. Slocum**, *Professor, Massachusetts Institute of Technology*

**Ahmed Zahran**, *CEO & Co-Founder, KarmSolar*

## **MODERATORS**

**Michaela Küfner**, *Political Correspondent, Deutsche Welle*

**Joachim Müller-Jung**, *Head of the Nature and Science Desk, Frankfurter Allgemeine Zeitung*

**Jörn Richert**, *Assistant Professor for Energy Governance, University of St. Gallen*

**Carsten Rolle**, *Secretary General, German Member Committee, World Energy Council*

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8:00 am **REGISTRATION**

Moderator for the Day: **Michaela Küfner**, *Deutsche Welle*

9:00 am **WELCOME ADDRESS**

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9:15 am **BIG PICTURE**

**Future Challenges for Economy, Science and Politics in Dramatically Changing International Energy Markets**

**KEYNOTES**

**Barbara Hendricks**, *Federal Environment Minister of the Federal Republic of Germany*

»The World after the Climate Conference in Paris«

**Michael Schmidt**, *BP Europa*

»Low Energy Prices – Curse or Blessing for Climate Protection and Innovation?«

**Khalid K. Al Hajri**, *Qatar Solar Technologies (QSTec)*

»The Transition to Renewable Energy: Evolution Not Revolution«

Moderator: **Joachim Müller-Jung**, *F.A.Z.*

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10:20 am **Coffee Break**

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10:50 am **STATEMENT**  
Rainer Baake, *Federal Ministry of Economic Affairs*

11:00 am **MAJOR TOPIC I**  
Following-up on Paris:  
How to Reach Ambitious Climate Goals?

**PANEL**

Rainer Baake, *Federal Ministry of Economic Affairs*  
Martin Kaiser, *Greenpeace*  
Hans Jürgen Kerckhoff, *Wirtschaftsvereinigung Stahl*  
Barbara Minderjahn, *VIK*  
Julian Popov, *European Climate Foundation*

Moderator: Carsten Rolle, *World Energy Council*

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12:15 pm **INNOVATION SESSION I**

**KEYNOTE**

Ralf Christian, *Siemens*  
»More than Security of Supply: Innovations Turning  
Challenges into Opportunities«

**PRESENTATIONS**

Tom Brown, *Frankfurt Institute for Advanced Studies*  
»The Price of Non-Cooperation in a Highly Renewable  
European Energy System«

Spyridon Chatzivasileiadis, *Technical University of Denmark*  
»Global Power Grids for Harnessing World Renewable  
Energy«

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1:15 pm Lunch

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2:15 pm **MAJOR TOPIC II**  
**New Technologies and Business Opportunities  
for a Diverse Energy Supply**

**PANEL**

Ralf Christian, *Siemens*

Selim Kunalalp, *Energy Charter Treaty*

Tore Land, *TouGas Oilfield Solutions*

Friedbert Pflüger, *Ghorfa; Kings College London*

Moderator: Jörn Richert, *University of St.Gallen*

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3:30 pm Coffee Break

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4:00 pm **INNOVATION SESSION II**

**PRESENTATIONS**

Jan Aengenvoort, *Next Kraftwerke*

»Thinking in Bits & Watts – Working for the Energiewende  
as a Digital Utility«

Anis Aouini, *Saphon Energy*

»New Radical Kinematics: The Key to Revamp the Energy  
Market for a Greener Economy and a Better Future«

Ahmed Zahran, *KarmSolar*

»Disconnected Development: Empowering an  
Off-Grid Based Economy«

4:45 pm **FINAL KEYNOTE**

Alexander Slocum, *Massachusetts Institute of Technology*

»A Bright Future for Energy & the World«

**CLOSING REMARKS**

Joachim Müller-Jung, *F.A.Z.*

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5:30 pm **EVENING RECEPTION**

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## VENUE

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Schlossplatz 1, 10178 Berlin, Germany

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For more information and  
how you can register please visit:  
[www.faz-forum.com/ess2016](http://www.faz-forum.com/ess2016)

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