

# The Global Energy Challenge

## A Corporate View

Symposium

Monday, April 3, 2017, 12.30 p.m. - 6 p.m.

ETH Zurich, Audimax (HG F 30)

With the support of:



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The historical Paris Agreement was adopted in December 2015 by as many as 196 States, parties to the UNFCCC. It aims to strengthen the global response to the threat of climate change by keeping the global temperature rise this century well below 2°C above pre-industrial levels and to pursue efforts to limit it to 1.5°C. In October 2016, after a very swift process, the accord cleared the final threshold of 55 countries representing 55 percent of global emissions required for it to enter into force.

Both developed and developing countries shall commit to ambitious emissions reductions, while the UNFCCC defines the

rules of implementation and establishes a viable plan to provide financial support to developing countries to support climate action. International scientific, technological and financial co-operation is viewed as an element of crucial importance.

How are global corporations, institutional players and first-tier research institutions reacting to the new, global challenges in the energy sector? At this event, global stakeholders will present their visions and strategies, which will then be challenged by ETH faculty members and researchers. This will be followed by an open panel discussion, where the audience will have the possibility to challenge the panelists.

### Registration

Participation is open to all and free of charge.

To attend the event please register on the ESC website by

**Monday, 27<sup>th</sup> of March 2017.**

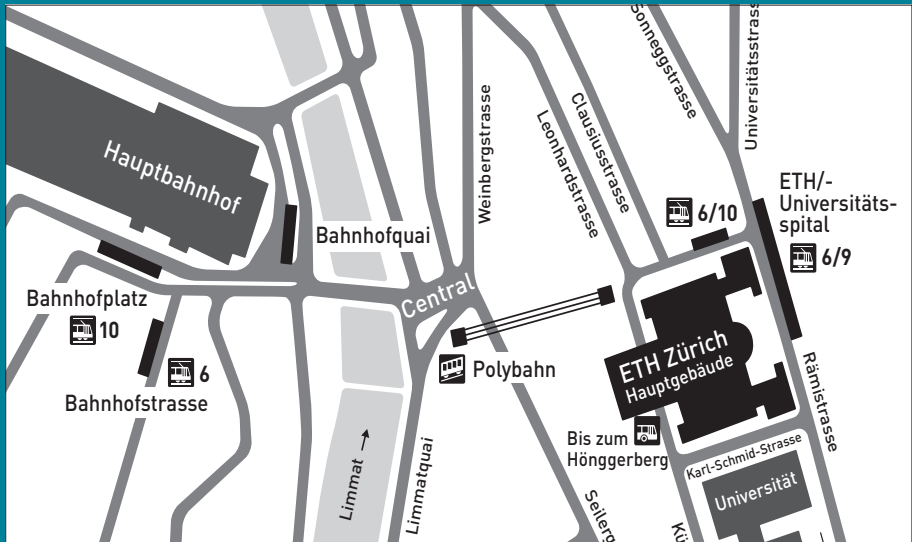
[www.esc.ethz.ch/events/](http://www.esc.ethz.ch/events/)

# Programme

- 12.30 **Opening of the Symposium**  
*Prof. Marco Mazzotti* – Chairman Energy Science Center, ETH Zurich
- 12.35 **Welcome and Introduction**  
*Prof. Lino Guzzella* – President ETH Zurich
- 12.45 **“A Digital Industrial View of the Global Energy Challenge”**  
*Steven Hartman* – CTO GE Power Services  
In discussion with: *Prof. Vanessa Wood* – D-ITET, ETH Zurich
- 13.15 **“Powering Progress Together – Providing More and Cleaner Energy Solutions for a Changing World”**  
*Dr. Ajay P. Mehta* – General Manager Long Range Research and New Energy Technologies, Shell  
In discussion with: *Dr. Daniel Sutter* – D-MAVT, ETH Zurich
- 13.45 **“Power Systems of the Future – an ABB View”**  
*Dr. Gerhard Salge* – Global Head of Technology, Power Grids Division, ABB  
In discussion with: *Prof. Gabriela Hug* – D-ITET, ETH Zurich
- 14.15 **“Financial Risk Solutions in a Changing Energy Market”**  
*Dr. Juerg Trueb* – Head Environmental & Commodity Markets, Swiss Re Corporate Solutions  
In discussion with: *Prof. Stefan Wiemer* – D-ERDW, ETH Zurich
- 14.45 Coffee Break
- 15.15 **“The Global Energy Challenge – an IEA View”**  
*Laszlo Varro* – Chief Economist, International Energy Agency (IEA)  
In discussion with: *Dr. Stefan Pfenninger* – D-USYS, ETH Zurich
- 15.45 **“Energy in the Building Sector: Opportunities and Challenges”**  
*Thomas Liesenfeld* – Director of Innovation Management, Siemens Building Technologies  
In discussion with: *Prof. Roy Smith* – D-ITET, ETH Zurich

## Panel Discussion

- 16.15 **How will the interplay between policy making, global players and academia help shape the global energy landscape?**  
*Benoît Revaz* – Director of the Swiss Federal Office of Energy  
*Laszlo Varro* – Chief Economist, International Energy Agency (IEA)  
In discussion with: *Prof. Nicolas Gruber* (D-USYS), *Prof. Tobias Schmidt* (D-GEISS), *Prof. Marco Mazzotti* (D-MAVT) – ETH Zurich  
Moderator: *Dr. Christian Schaffner* – Energy Science Center, ETH Zurich
- 18.00 **Reception**



## Location Details

The event will take place in the Auditorium Maximum of the ETH Zurich (HG F30), Main Building (Hauptgebäude), Rämistrasse 101, CH-8092 Zurich.

## How to reach the venue

- From the Zurich Main Station: tram no. 6 (Direction: Zoo) or tram no. 10 (Direction: Zürich Flughafen), Stop: ETH/Universitätsspital
- From Bellevue: tram no. 9 (Direction: Hirzenbach), Stop: ETH/Universitätsspital
- From Central: Polybahn

## Contact

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