



***Energy Transitions & Energy Technologies:  
Moving towards sustainable futures in Denmark and Japan***

**Date**

22 November 2017

**Venue**

DTU Lyngby Campus  
Anker Engelunds Vej 1, Building 101, Room S09

**Concept**

2017 marks 150 years of diplomatic relations between Denmark and Japan. It is also the 75-year milestone for Tokai University founded in 1942. In celebration of both anniversaries, The Technical University of Denmark (DTU) and Tokai University (Japan) join forces to collaborate on an anniversary symposium focused on sustainable development.

The ongoing transition towards sustainable energy societies requires continued commitment, cooperation and innovation. In both Denmark and Japan, determination to realize this transition is evident, and ambitious national goals have been set. Denmark plans to phase out fossil fuels by 2050, and Japan will reduce greenhouse gas emissions considerably by 2030. However, post-Fukushima Japan serves as a poignant reminder of the difficult balance between energy security, economic efficiency and environmental protection, an issue which goes hand in hand with sustainable development anywhere.

For a sustainable transition to succeed, many aspects need to be constantly addressed. The symposium builds on prior energy seminar collaboration between DTU and Tokai and seeks to bring together Japanese and Danish visionaries and resource persons for a discussion of approaches and specific technologies, along with a debate on current and future challenges.

## Program

### <First Session>

- 09:00-10:00 Registration  
10:00-10:10 Welcome by **Prof. Poul Erik Morthorst**, DTU  
10:10-10:40 Honorary Addresses  
**H.E. Ambassador Toshiro Suzuki**, Embassy of Japan  
DTU Dean of Research **Katrine Krogh Andersen**  
11:00-11:30 Presentation 1: **Prof. Haruhisa Uchida**, Tokai University  
*"Recent Topics of Hydrogen & Renewable Energy in Japan"*  
11:30-12:00 Presentation 2: **Prof. Nini Pryds**, DTU – Dept. of Energy Conversion and Storage  
*"MAGGIE" a Highly Efficient Cooling Device"*  
12:00-12:30 Presentation 3: **Dr. Helmut Takahiro Uchida**, Tokai University  
*"What Can We Learn from the 3.11 Disaster?"*  
12:30-13:30 Lunch

### <Second Session>

- 13:30-14:00 Presentation 4: **Christoffer Greisen**, Project Manager, EnergyLab Nordhavn  
14:00-14:30 Presentation 5: **Masato Yamada**, Chief Strategy Officer, MHI Vestas  
14:30-15:00 Presentation 6: **Troels Ranis**, Director of Danish Energy Industries Federation  
15:00-15:15 Coffee break  
15:15-15:45 Panel discussion & closing remarks (Moderator: **Prof. Poul Erik Morthorst**, DTU)  
15:45-16:30 Reception

### Registration

Registration required

Register online [here](#)

Deadline: November 20<sup>th</sup> (Mon.)

Participation includes lunch

### Contact

For inquiries concerning registration:

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