

International workshop on

Renewable Energy and Hydrogen Export

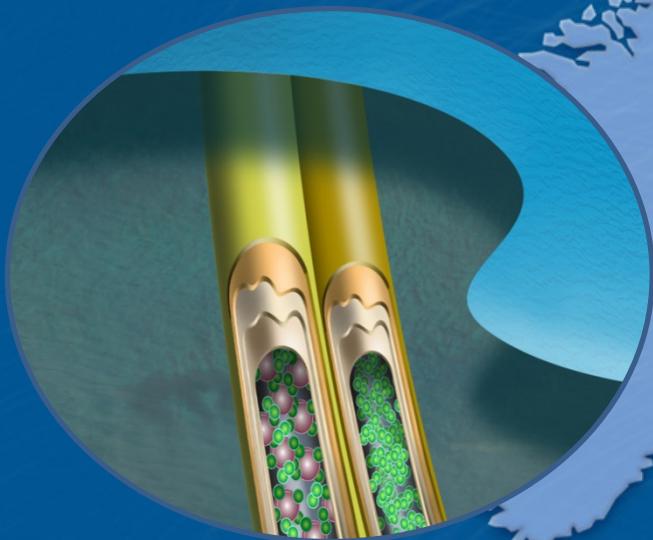
– Global perspectives & Norwegian opportunities

Trondheim, Norway, March 24th 2015

The energy system of the future will have to rely on renewable energy sources (RES).

Norway has a vast potential of unexploited RES which may, over the coming decades, replace the substantial fossil energy export that has been pivotal for Norway's strong economy and high standards of living.

New opportunities are emerging and you are cordially invited to contribute to a workshop on the sustainable energy system of the future.



The workshop will unveil the potential for various stakeholders to engage in the transition from a fossil based to a more sustainable energy economy.

Key players & early movers will introduce the opportunities in a geopolitical context. The political framework and market potentials will be discussed, focusing on how obstacles may be overcome.

Industry, politicians and academia all play key roles in the puzzle towards a solution.

See you in Trondheim in March!



Organizing committee:

Anders Ødegård, SINTEF, Norway
Steffen Møller-Holst, SINTEF, Norway
Ulrich Bünger, LBST, Germany



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Draft Agenda

- 09:00 **Welcome to Trondheim**
Tore O. Sandvik, County Mayor, Sør-Trøndelag County Authority
- 09:15 **"The changing energy system" - Keynote introduction**
Ulrich Bünger, LBST, Germany
- 09:45 **"Enova's mission towards a sustainable energy future"**
Geir Nysetvold, Enova, Norway
- 10:05 **"Energy situation in Japan, challenges and future plans"**
Akiteru Maruta, Technova, Japan
- 10:25 *Coffee*
- 10:40 **"Hydrogen as fuel and as energy storage medium"**
Steffen Møller-Holst, SINTEF, Norway
- 11:00 **"Status and potential for wind power"**
John Olav Tande, SINTEF, Norway
- 11:20 **"Status and potential for small hydro power"**
Knut Olav Tveit, Småkraftforeninga, Norway
- 11:40 **"The role of hydrogen in power grids"**
Magnus Korpås, NTNU, Norway
- 12:00 *Lunch*
- 13:00 **"Chances and perspectives for H₂ energy storage systems with PEM electrolyzers"**
Gaelle Hotellier, Siemens, Germany
- 13:20 **"Hydrogen production in large scale"**
Henning G. Langås, NEL Hydrogen, Norway
- 13:40 **"Hydrogen supply chain with long distance transport"**
Motohiko Nishimura, Kawasaki Heavy Industries, Japan
- 14:00 **"Regulations, Codes & Standards for hydrogen handling and use"**
Ikuo Hamanaka, DNV GL, Norway
- 14:20 *Coffee*
- 14:40 – 16:00 **Panel discussion and Q & A from the workshop attendees on**
- *the role of hydrogen in the sustainable energy system,*
 - *the emerging market for hydrogen and hydrogen technologies and*
 - *the opportunities within export of renewable energy sources.*

Welcome to Trondheim

The workshop will be held in Trondheim, Norway,
Fylkestingsalen at Fylkeshuset Erling Skakkes gate 14

Further information, also about possible flights,
hotels, VISA and more can be found:

<http://goo.gl/Wx8s2A>

Fee and Registration

The following participation fee includes lunch and refreshments during coffee breaks:

- Regular registration – NOK 800 (approx. EURO ~90)
- Norwegian Hydrogen Forum members and students – NOK 400

Registration and payment will soon be made available [here!](#)

Questions? Contact:

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Looking forward to meeting you in Trondheim!



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