

International workshop on

Renewable Energy and Hydrogen Export

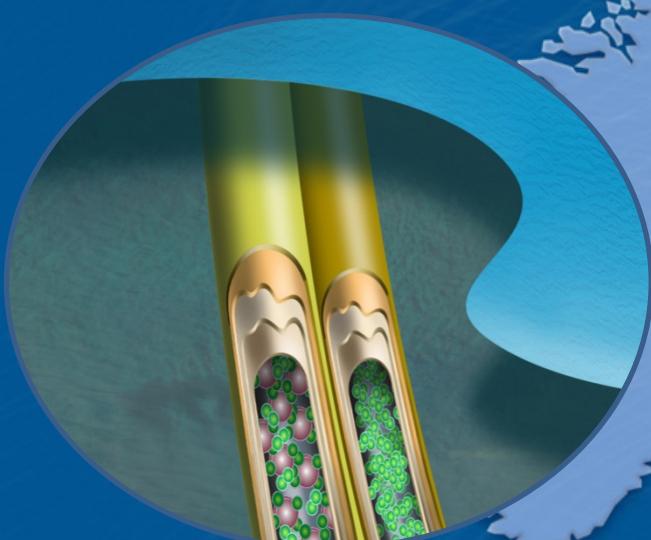
– Global perspectives & Norwegian opportunities

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!



SØR-TRØNDELAG
FYLKESKOMMUNE



NORD-TRØNDELAG
FYLKESKOMMUNE

Organizing committee:

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



SINTEF



Contact:

anders.odegard@sintef.no
+ 47 94 35 65 95

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	<i>Coffee</i>
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	<i>Lunch</i>
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	<i>Coffee</i>
14:40 – 16:00	Panel discussion and Q & A from the workshop attendees on <ul style="list-style-type: none">- <i>the role of hydrogen in the sustainable energy system,</i>- <i>the emerging market for hydrogen and hydrogen technologies and</i>- <i>the opportunities within export of renewable energy sources.</i>

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:

Anders Ødegård
Email: [anders.odegar@sintef.no](mailto:anders.odegard@sintef.no)
Phone: +47 9435 6595

Looking forward to meeting you in Trondheim!



Photos Carl-Erik Eriksson © Trondheim kommune

