

NORDIC ENERGY DAY

15 November

Nordic Pavilion D.08



10:30 - 12:00h "Tracking progress in the development and deployment of clean energy technology"

The IEA's annual Tracking Clean Energy Progress (TCEP) report highlights the overall status and recent progress in developing and deploying key clean-energy technologies. Speakers will discuss the value of tracking frameworks for domestic and international action, as well as future challenges.

Speakers:

Dave Turk, Acting Director, Sustainability Technology and Outlooks, IEA

Fu Sha, National Center for Climate Change Strategy and International, China

Paul Durant, Department for Business, Energy & Industrial Strategy, Head of Mission Innovation Secretariat, United Kingdom

12:30 - 13:25h "Electric Maritime Transportation"

Nordic countries - Norway in particular- have during the last three years experienced a surge in new-builds and orders for ships powered by batteries. This session will explain how policy frameworks and green procurement practices have fostered the establishment of maritime battery production and a massive electrification of ferries.

Speakers:

Jan Kjetil Paulsen, Senior Advisor Shipping Bellona Foundation

Rolf Sandvik, CEO The Fjords

Bernhard Stormyer, Head of Sustainability Management Yara International SA

Egil Hystad, General Manager Power Systems, Wartsila Norway AS

Brent Perry, CEO PBES Norway AS

13:30 - 15:00h "China Renewable Outlook 2017"

China Renewable Energy Outlook (CREO 2017) is the China National Renewable Energy Centres (CNREC) outlook for the development of renewable energy in China. The outlook describes the need for energy transition in China, energy system scenarios from 2017 to 2030, and policy measures to implement ambitious targets for renewable energy. This publication is supported by IEA, IRENA, GIZ, CIFF and the Danish Energy Agency.

Speakers:

Hans Jørgen Koch, Nordic Energy Research

Mr. Lei Hongpeng, Director, Climate Change, Children's Investment Fund Foundation (CIFF)

Wang Zhongying Director, CNREC

Mr. Thomas Egebo, Permanent Secretary of State, Ministry of Energy, Utilities and Climate, Denmark

Dolf Gielen, Head of Innovation IRENA

15.30 - 17:00h "The role of Renewable Energy in Industry" (IEA)

Reducing long-term greenhouse gas (GHG) emissions of the industry sector is one of the toughest challenges of the energy transition. Combustion and process emissions from cement manufacturing, iron- and steelmaking, and chemical production are particularly problematic. The main finding of this report is that the recent rapid cost reductions in solar photovoltaics (PV) and wind power may enable new options for greening the industry, either directly from electricity or through the production of hydrogen (H)-rich chemicals and fuels.

Speakers:

Cédric Philibert, Renewable Energy Division, IEA

Eystein Leren, Senior Innovation Manager, Yara, Norway

Mårten Gørnerup, CEO HYBRIT, Sweden

Benedikt Stefansson, Director Business Development, Carbon Recycling International, Iceland

ADDITIONAL EVENT - Nov. 16

16:00 - 17:30h "International Energy Agency IEA – World Energy Outlook 2017"

This event features the most comprehensive presentation of the 2017 edition of the WEO at COP 23. It will be presented by IEA Executive Director Fatih Birol and followed by a high-level panel discussion. The WEO-2017 includes a full update of energy demand and supply projections to 2040 based on different scenarios. The projections are accompanied by detailed analyses of their impact on energy industries and investment, as well as implications for energy security and the environment.

Speakers:

Dr. Fatih Birol, Executive Director IEA

Josh Frydenberg, Minister of Energy, Australia

Amani Abou-Zeid, Commissioner for Infrastructure and Energy, African Union (TBC)

Claire Perry, Minister of Business, Energy and Industrial Strategy (TBC)

Satu Hassi, Member of Parliament, Chair Environment Committee, Finland