

Welcome to Statnett's
RD&I Conference 2022
Our contribution to the green transition



RD&I: Research, development and innovation

Statnett

Program

RD&I Conference 2022

Our contribution to the green transition

25th of October 2022

Strategic view on Research, development and innovation (RD&I)

- 08:30 Registration, morning coffee and snacks
- 09:00 Words of welcome from Statnett
Beate S. Krogstad
Executive Vice President, Transformation & Digital, Statnett
- 09:10 The Green Change of Pace
Hilde Tonne
President and CEO, Statnett
- 09:30 The strategic role of RD&I seen by the Norwegian Water Resources and Energy Directorate
Tore Langset
Director, The Norwegian Energy Regulatory Authority (NVE-RME)
- 09:50 The strategic role public funding of RD&I in the energy transition
Rune Volla
Director, The Research Council of Norway (NFR)
- 10:10 Energi21 - National strategy for research and innovation within new climate friendly energy technology
Lene Mostu
Executive M.M. Director, Energi21
- 10:30 Coffeebreak, snacks and mingling
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Strategic insight from the Nordic TSOs

- 11:00 Research, Development and Innovation (RD&I) in SvK
Göran N Ericsson
R&D Director, Svenska kraftnät (SvK) and Adjunct professor, Uppsala University
- 11:15 Research, Development and Innovation (RD&I) in FINGRID
Jussi Matilainen
R&D Director, Fingrid
- 11:30 Research, Development and Innovation (RD&I) in Landsnet
Magni P. Pálsson
Program Manager for R&D, Landsnet
- 11:45 Research, Development and Innovation (RD&I) in Energinet
Christian Bjørn
Energy analyst, Energinet
- 12:00 Q&A panel

How can we meet the energy system of the future?

- 12:20 Streetfood lunch and mingling
- 13:00 30 GW offshore wind, the challenge
Håkon Borgen
Executive Vice President, Offshore development, Statnett
- 13:15 Offshore wind power development, Technology and Interoperability
Anja Farstad
Teamleader, Offshore development, Statnett
- 13:30 Stability management in power electronics dominated systems
Knut Styve Hornnes/RDIC
Section manager, Innovation & Technology development, Statnett
- 13:45 Panel discussion
Partners/Statnett
- 14:15 Coffeebreak, snacks and mingling

Increased capacity and utilization of the transmission grid

- 14:45 Increased capacity in existing grid
Anders Bostad
Senior Vice President, Transformation & Digital - Grid operations, Statnett
- 15:00 DYNALOAD - Dynamic loading on transformer insulation
Trond Magne Ohnstad
Special advisor, primary equipment, Statnett
- 15:15 ProBerMet - Probabilistic calculation methodology
Jon Petter Norheim
Senior Engineer, overhead line, Statnett
- 15:30 DeMoKab - Design, modeling and testing of HVDC cables for future grid
Jon Ivar Juvik
Chief Engineer, HVDC and Cable, Statnett
- 15:45 Q&A Panel
- 16:00 Coffeebreak, snacks and mingling

Automatic control in the transmission grid

- 16:30 Automating system operation
Kristin Munthe
Senior Vice President, Transformation & Digital -
System & Market operations, Statnett
- 16:45 NEWEPS - Nordic Early Warning Early Prevention System
Kjetil Uhlen
Professor Power System, NTNU
- 17:00 SIMBAS - Detailed simulations of alternative balancing solutions
Alberte Bouso
Energy analytics consultant, N-SIDE
- 17:15 ASAP - Advanced System protection schemes Applied in the Power grid
Kjell Petter Myhren
Senior Advisor, Innovation & Technology development, Statnett
- 17:30 Q&A Panel
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Summary and closure of the conference

- 17:45 Summary and closure of the conference
Beate S. Krogstad
Executive Vice President, Transformation & Digital, Statnett
- 18:00 Break
- 18:30 Aperitif
- 19:00 Dinner
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