

## Tuesday April 2

09:00

### Registration and welcome coffee

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10:00

### The importance of R&D

Why does Statnett perform R&D?

Why is it important for TSOs and DSOs in Norway to perform R&D?

What challenges are we trying to solve?

Why do we need R&D on different TRL levels?

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12:20

### Sustainable System Development

How to reduce our impact on nature?

How to prepare for high impact events with a low probability

Are there alternatives to grid expansion?

Dimension on overhead lines for salt-pollution

Which models are needed for the future grid?

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14:45

### Innovative Technology

Is digital substation a way towards next transition?

Can we use aluminum for our towers?

Can robots help to improve safety?

Can we get rid of our icing problems?

Can we build 420 kV towers in composite?

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17:10

### Presentation by Magnus Lindquist

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19:00

### Formal dinner

## Wednesday April 3

08:30

### Welcome with coffee

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09:00

Challenges in the Nordic Power System

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09:15

### Smart Grid

How can big data help us with smarter asset management?

Can PMU data help with system operation?

Prediction of imbalances with AI, fiction or reality?

Is large scale demand side response a myth or can it be reality?

Drones, just a fun fact or an asset management

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12:50

### International session

Illustration of ETIP SNET and synergies with TSOs innovation

R&D in Europe

R&D in Fingrid

R&D in Svenska Kraftnät

R&D in Landsnet

R&D in Energinet (including North Sea Hub)

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15:45

New Statnett R&D programs and formal closure of the conference