

# **Cyber Security and Digitalization**

Anders Granum, Deputy Senior Vice President R&D Statnett Nordic Energy Research Forum 2021 Webinar September 14<sup>th</sup>

The future is **electric** 

## This is Statnett

- Statnett is the **Transmission System Operator** in the Norwegian energy system
- Statnett operates and owns about 11 000 km of lines, 1400 km cables and approximately 166 transformer stations throughout Norway
- Operations are monitored continuously by one national control centre and two regional control centres
- Statnett is also responsible for interconnectors to Sweden, Denmark, the Netherlands and Germany



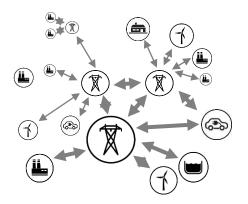


### The green change of pace is happening now!



The zero-emission society is causing radical changes to the power system in Europe and Norway

**Closer integration** between countries and sectors

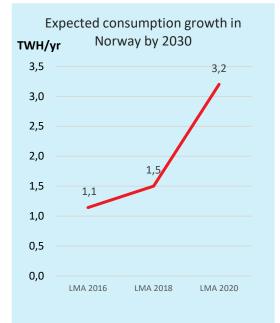


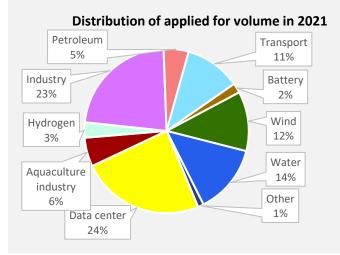


**New technology and digital solutions** make the transition possible

#### **Statnett**

#### Norway seizes the opportunity for access to more green power Bærekraftig hjulet og green deal











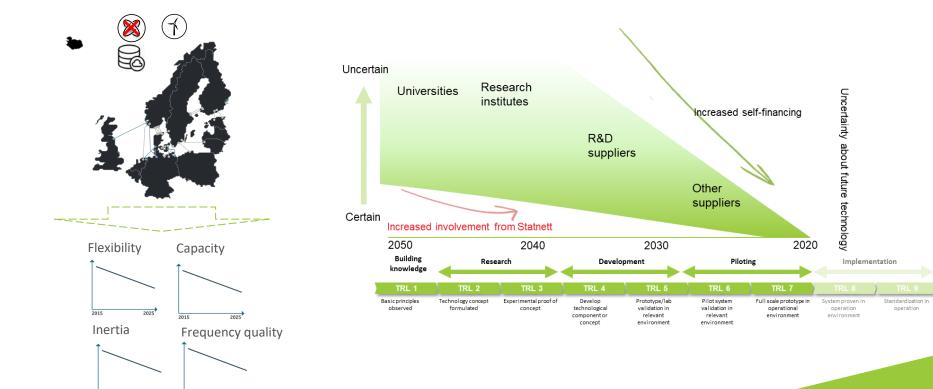
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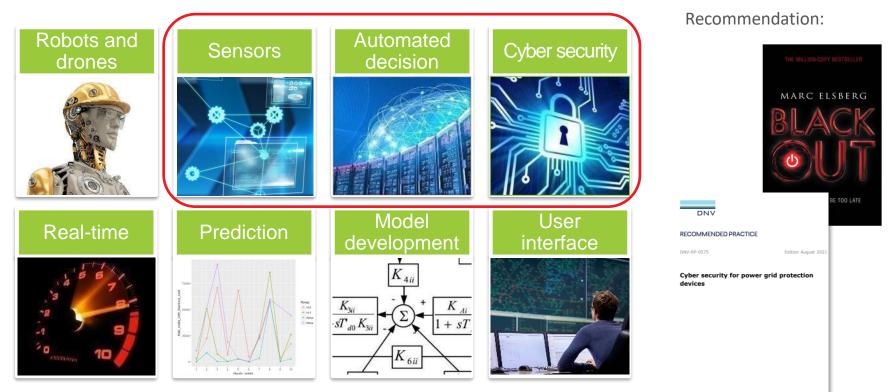
## Climate targets in Europe, the Nordic countries and Norway presents us with new challenges



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#### Our areas of digitalization

#### **Statnett**



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# The future is electric and digital!

# Statnett

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#### **Statnett**

#### How we innovate – normaly

