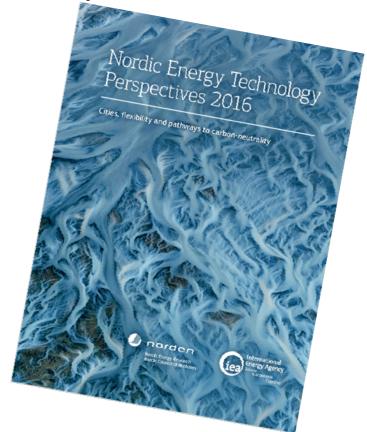


# Nordic Energy Technology Perspectives



The Nordic ETP is a result of a collaboration between International Energy Agency (IEA), Nordic Energy Research (NER) and researchers and consultants in the Nordic countries.

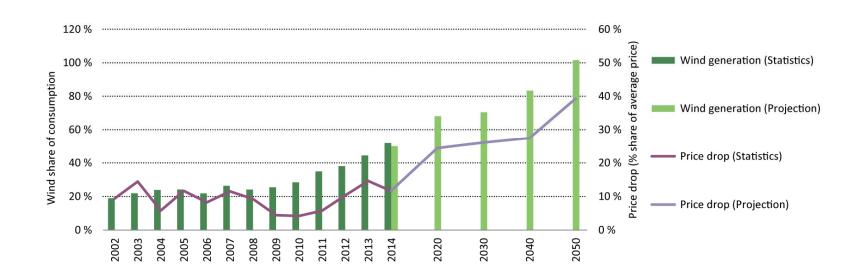




REPLI - DTU Renewable Energy Policy, Planning and Integration Advice Group, www.repli.dtu.dk

# Integrating variable renewable energy

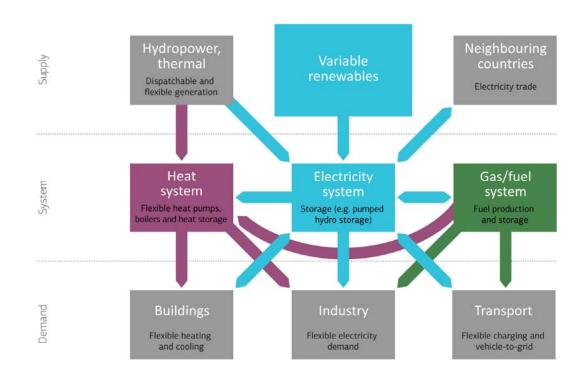




REPLI - DTU Renewable Energy Policy, Planning and Integration Advice Group, www.repli.dtu.dk

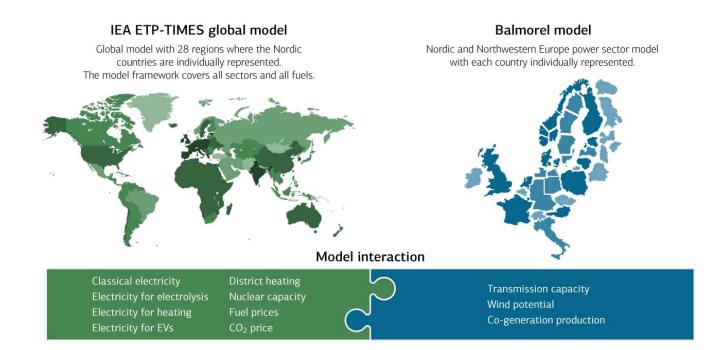
#### Understanding the future integrated energy system



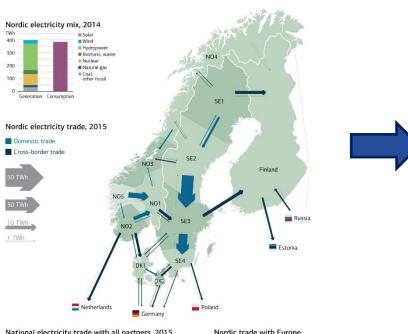


# Adequate analytical tools



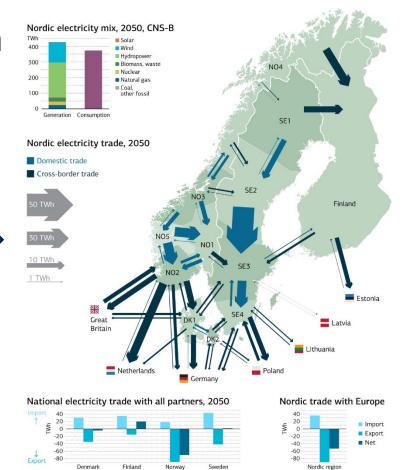


# Nordic power system in change





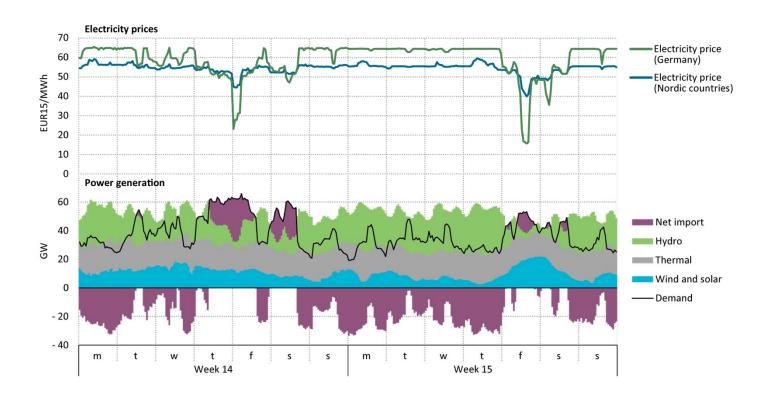
16.05.2017 | Technical University of Denmark





# Balancing of the Nordic power system





### Policy advice



- European and Nordic countries has to develop power infrastructure in a consistent manner to incorporate VRE
- Power prices can be expected to increase from 2030 ....
- Reaching ambitious reduction targets in the Nordic countries will xx mio. DKK cheaper if utilizing the on-shore wind potential
- etc.