

## ICEWIND FINAL CONFERENCE

WEDNESDAY 3<sup>RD</sup> DECEMBER 2014

Venue: The Auditorium, Hedeager 44, 8200 Aarhus N, Denmark

### Final Programme

- 09:00 Welcome to Vestas Wind Systems A/S, Line Gulstad, Vestas Wind Systems
- 09:15 Icewind project & overview of the day, Niels-Erik Clausen, DTU Wind Energy
- 09:30 Keynote: Experiences and challenges with wind farms in cold climate, Göran Ronsten, WindREN
- 10:10 Icewind Inter-comparison of icing production loss models, Neil Davis, DTU Wind Energy
- 10:30 *Coffee break*
- 11:00 Icing atlas of Iceland, Halfdan Agustsson, Icelandic Met Office, Reykjavik
- 11:20 Design and operation of wind farms in cold climate-challenges for the manufacturer, Brian Daugbjerg Nielsen and Ole Hangaard, Vestas Wind Systems A/S
- 11:40 Impact of ice in large wind farms, Stefan Ivanell, Uppsala University Gotland
- 12:00 *Lunch courtesy of Vestas Wind Systems*
- 13:00 Icing production loss module for wind power forecasting system, Timo Karlsson, VTT
- 13:20 Wind atlas of Iceland, Nikolai Nawri, Icelandic Met Office, Reykjavik
- 13:40 Wind in the Sea around Iceland, Charlotte Hasager, DTU Wind Energy & Nikolai Nawri, Icelandic Met Office, Reykjavik
- 14:00 Does skill of wind power forecasts depend on the spatial resolution of NWP models? John Bjørnar Bremnes, Norwegian Meteorological Institute, Oslo
- 14:20 Integration of wind energy in Iceland, Gunnar Petursson, University of Iceland
- 14:40 *Coffee break*
- 15:10 Nordic wind power variability and forecast errors and impact on balancing needs, Hannele Holttinen, VTT, Finland
- 15:30 Challenges and opportunities for Offshore DC grids in the Baltic Sea, Nicolaos Cutululis, DTU Wind Energy
- 15:50 O&M planning for offshore wind farms, Haaken Annfelt Moe, Oceaneering, Norway
- 16:10 Nordic Flagship call on Energy Research, Niels-Erik Clausen, DTU Wind Energy
- 16:30 Discussion of project ideas in plenum
- 17:00 - Reception and further discussion of project ideas

