IEA Task 36
Open Space Workshop

17 October 2019
Dublin, Ireland

Wind Power Forecasting & System Integration Issues

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The IEA Wind Task 36 on Wind Power Forecasting connects several hundreds of meteorologists, wind power forecasters and end users towards the aim of improving the forecasts, and increasing the their value. In this workshop we use the open space technology to discuss the results from phase I and open up for ideas on how to achieve the objectives for the new phase 2.

The workshop starts with a brief overview of the structure of the Task and the major results of the recently concluded first phase. The major results include a Recommended Practices Guideline on forecast solution selection, an information portal (ieawindforecasting.dk), and an Review of the use of probabilistic forecasts in the power industry. In the next phase, it is planned to also look into uncertainty propagation, data and measurement handling in benchmarks and system operation, both from the meteorological side and the power forecast side. The details on how to achieve these objective is what we want to discuss with the workshop participants.

Time Plan
for Session 6C on Thursday, 17 October 2019 in REDWOOD C

16:10 - 16:30	16:30 - 17:30	17:15 - 18:15
Introductory presentation on IEA Wind Task 36 & Explanation of workshop format & objectives	Open Space discussions in 5 groups - participants rotate free among the groups	Group leaders provide summary of each group to the full group; full group discussion

Open Space Discussion Topics

1. Standards and industry guidelines for data exchange and IT solutions in power industry: where do we need them?

2. Meteorological Measurements and instrumentation standardization for integration into grid codes: What can we learn from the WMO?

3. Application of probabilistic forecasts in grid operation and marketing: what should a guideline contain?

4. IEA Wind Task 36 Recommended Practices on Forecast Solution Selection: which areas are not covered sufficiently?

5. Uncovering uncertainty origins through the entire modelling chain: which applications can benefit from that knowlege?