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POW'WOW – Workshops and Virtual Laboratories supporting wind research

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The POW'WOW project (Prediction of Waves, Wakes and Offshore Wind, a EU Coordination Action) focuses on improving both wind and wave predictions from short-to-resource timescales by integrating modelling approaches currently used by the communities separately. The project coordinates results from existing and previous projects and disseminates information about state of the art in the different fields. The major issue is to try to bridge the gaps in spatial and temporal scales, which currently divide wind and wave resource and short-term forecasting modellers.

In the near future, there will be a number of workshops supporting work on the combined wind and wave modelling and in short-term prediction of wind power. The second Workshop for Best Practice in the Use of Short-term Forecasting is being held in Madrid, on 28 May 2008. The second half of the workshop on the integration of wind and wave resource modelling will take place in Estoril, outside of Lisbon, in June 2008. A two-day workshop on wake modelling, especially in the large wind farms offshore, is planned for Oldenburg for the summer. The next workshop however should be in Natal in Brazil in March, on short-term forecasting of wind power in the Brazilian context.

Two Virtual Laboratories are up and running: one in short-term forecasting and one for wake modelling. See more on the access to the ViLabs on http://powwow.risoe.dk/.