



***European Wind Integration Study (EWIS)
Towards a Successful Integration of Wind
Power into European Electricity Grids***

**EWIS Concluding Discussion
13th April 2010, Brussels**

**Policy Findings and Recommendations
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Findings & Recommendations

- A pan-European network/market modelling approach is needed to identify measures to efficiently integrate wind
 - ENTSO-E is taking forward this demanding development task
- Identified additional/accelerated network strengthening measures to be considered
 - ENTSO-E has published in draft Ten Year Network Development plan. Companies to take forward investment justifications
- Already planned reinforcements needed urgently – streamlined consenting crucial
 - Key schemes highlighted to policy makers

Findings & Recommendations (2)

- Funding of cross-border network strengthening requires regulatory assessment of European welfare (in addition to national regulatory scrutiny)
 - ERGEG (in advance of ACER) engaged on wind integration issues
- Additional short-term measures required
 - TSOs engaged in further development of operational switching, line capacity management, phase shifters for power flow control, etc
- Inter-TSO cooperation essential for delivering short-term measures
 - Build on TSO Security Cooperation (TSC) and CORESO

Findings & Recommendations (3)

- Network code development & harmonisation
 - ENTSO-E has agreed to establish pilot working building on work from EWIS and EWEA Grid Code group
- Market development (especially better network representation in day ahead and intra day markets)
 - EWIS modelling facilities available to regional initiative analyses
- Exchanging best practice and experience on TSO wind/demand forecasting and strategic management (e.g. see Spain)
 - Discussions and contacts to be continued within ENTSO-E
- Future options and policy developments
 - Links established between EWIS and Offshore Grid groups
- Continue work on wind integration for 2020 and beyond

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