



Topics list

The conference sessions at EWEA 2015 will be built around the best abstracts received under the topics listed below. The number of sessions on each topic will be determined by the number and quality of abstracts received. An initial indication of the number of sessions foreseen is included below however this will be confirmed at the programme meeting in June 2015, along with the results of the abstract review process.

<i>Topic</i>	<i>Including (but not limited to) sub-topics:</i>
Supply chain <ul style="list-style-type: none"> • <i>General plus science & research</i> abstracts called for • Onshore and offshore 3 sessions provisionally	Procurement challenges The development of wind energy hubs Smaller components Aviation lighting and warning systems Installation technologies
O&M & logistics <ul style="list-style-type: none"> • <i>General plus science & research</i> abstracts called for • Onshore and offshore • 3 sessions provisionally 	Future logistics, transport and access Reliability, condition monitoring Operation & maintenance Life extension, decommissioning & recycling Insourcing or outsourcing, asset management, decision support, access systems
Turbine technology <ul style="list-style-type: none"> • <i>General plus science & research</i> abstracts called for • Onshore and offshore • 6 sessions provisionally 	Structural design/towers and foundations Advanced rotor/blade technologies Drive trains and generators Advanced materials and material substitution Advanced electrical systems Aerodynamics, aeroelasticity and rotor design Control & loads Large offshore turbines Floating wind turbines, hydrodynamics Real-world experiences Design tools
Resource assessment <ul style="list-style-type: none"> • <i>General plus science & research</i> abstracts called for • Onshore and offshore • 6 sessions provisionally 	Power curves Mesoscale modelling Measurements and wind speed predictions Forecasting Wind atlases Wakes Complex terrain and extreme conditions Remote sensing devices Wind turbine noise Impact of wind energy on global climate
Integrating wind power into the electricity market <ul style="list-style-type: none"> • <i>General plus science & research</i> abstracts called for • Onshore and offshore • 3 sessions provisionally 	Storage Grid Integration Electrical aspects and the grid Grid support services as additional revenue streams

Health & safety <ul style="list-style-type: none"> • <i>General plus science & research</i> abstracts called for • Onshore and offshore • 2 sessions provisionally 	Safety culture Mistakes and lessons learned
Environmental impacts & social acceptance <ul style="list-style-type: none"> • <i>General plus science & research</i> abstracts called for • Onshore and offshore • 2 sessions provisionally 	Impact of wind energy on global climate Local impacts including noise and radar Wind turbine noise
Finance <ul style="list-style-type: none"> • Only <i>general</i> abstracts called for • Onshore and offshore • 3 sessions provisionally 	Financing sustainable energy for all Institutional investors Alternative methods of financing including cooperative/community investment The potential for a bond market in funding wind Lending conditions and credit markets Investment barriers

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