



Civil and Structural Engineering Services

Bespoke engineering solutions for the wind industry

Wind Prospect has been involved in the wind and renewable energy industry around the world for almost two decades.

Our engineering team offers a variety of civil, geotechnical and structural services to help deliver your renewable energy projects.

Wind Prospect engineers are highly skilled in managing complex projects, assessing project risks and ensuring optimal use of your resources from project inception to operation.

We have the experience and the staff to ensure that all necessary expertise is available in house to the high quality standards synonymous with the Wind Prospect brand.

We have provided design input into over 40 wind farm sites, designed and reviewed over 250 turbine bases and have an enviable track record for quality and delivery.

For the very latest Wind Prospect project statistics, please see our 'Track Record' brochures, or visit windprospect.com.



Services at a glance

Development stage	Construction stage
Feasibility <ul style="list-style-type: none"> • Desk based construction assessment • Peat risk assessments • Layout design and optimisation • Access studies 	Design <ul style="list-style-type: none"> • Turbine foundation design • Infrastructure and layout design • Fulfilment of consent conditions • Geotechnical investigations & design
Application <ul style="list-style-type: none"> • Layout and mapping drawings • Swept path analysis • Mineral and borrow pit consent applications • Drainage consultations 	Contract procurement and award <ul style="list-style-type: none"> • Procurement and tendering • Contract negotiation and award • Health and safety assessment and management • Due diligence reviews
Consent <ul style="list-style-type: none"> • Planning condition schemes • Detailed scheme design • Highways/drainage applications • Consultations and agreements 	Construction <ul style="list-style-type: none"> • Geotechnical inspections and monitoring • Structural engineering inspections • Remedial works design • As-built surveys and drawings



First hand experience

Our engineering business is built on knowledge and experience. Here are a few of our team.

Colin Aimers - Engineering Manager



Colin is a chartered civil and environmental engineer with wide experience in the design of civil, structural and geotechnical elements of wind farms.

Since his first involvement in a wind project in 1999, Colin has continued to develop design services for developers, contractors and project owners. He remains at the forefront of foundation design in the UK and Ireland.

Colin presently heads up UK Engineering Services and together with a range of staff supports all Wind Prospect businesses in respect of civil, structural and geotechnical engineering across the many countries in which we operate.

James Hollender - Civil Engineer



James joined Wind Prospect in 2004 and is presently working towards CEng status with the Institution of Civil Engineers.

He has worked in his role as a designer since commencement and is responsible for the preparation and review of site designs, geotechnical investigations and assisting with the design management process.

James has other duties within the group and presently supports advisory teams in respect to civil engineering matters as well as supporting the construction management teams during the construction phase.

Neil Bennett - Civil Engineer



Neil Bennett is a qualified civil engineering technician with a background in design consultancy work and computer aided design (CAD).

Neil joined Wind Prospect to increase our technical ability and develop CAD standards.

Having completed a revamp of our CAD work in his first three months of employment, Neil now supports Wind Prospect development activities with a specialisation in access reviews, swept path analysis and site layout designs, alongside his daily duties of supervising our growing team of CAD operators and co-ordinating design work.

Cormac Ó Dubhthaigh - Structural Engineer



Cormac is an experienced structural engineer with a background in bridge analysis and design in Ireland and Australia.

Cormac joined us in 2008 at our Malahide, County Dublin office to develop the range of services offered to the Irish market and provide technical support to the construction management teams in Ireland.

Cormac works closely with the UK Engineering Team with many common issues being shared between British and Irish projects including: dealing with peat, substation designs, layout modelling and the design of turbine foundations and associated infrastructure.

Visit us online at windprospect.com
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