



# Construction Services

Bespoke construction solutions for the wind industry

Wind Prospect has played a leading role in developing renewable energy facilities since constructing the second commercial wind farm in the UK in 1992.

We have provided services in the development, design, construction, operation and maintenance of wind farms around the world.

From micro-siting and infrastructure design to concrete pours, we are the go-to resource for visionary, flexible and cost effective renewable energy solutions.



Wind Prospect manages work from single turbine installations to 100 MW projects. Our track record includes construction of projects in peat bogs, mountain ridgelines, arable and grazing farmlands and many terrains between.

By understanding the entire lifecycle of wind farm developments we are able to achieve cost-effective, durable solutions for wind projects from pre-development through decommissioning.

For details on our projects to date see our Track Record brochures or visit our website [windprospect.com](http://windprospect.com).

## Services at a glance

### Pre-construction services

- Conceptual cost and schedule preparation, review, updating
- Essential desktop design and construction studies
- Wind turbine procurement documents, wind turbine contract negotiation, delivery strategy
- Wind turbine transport plans, permits and delivery management
- Site visits, site surveys, site evaluation and planning
- Detailed site road and circuit planning, layout review, value engineering
- Drainage design review and storm water permit applications
- Environmental stewardship and permit applications
- Landowner point of contact, as-needed negotiations
- Engineering contract preparation and review
- Engineering design cost and schedule control
- Civil and structural design management/review, value engineering
- Electrical collection system and transformer design management/review, value engineering
- Health and safety co-ordinator role

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- Provide project risk analysis, develop site safety culture
- Provide on-site safety leadership, incident prevention and reporting
- Detailed critical path method schedule preparation, what-if analysis and schedule updating
- On-site environmental stewardship and permit compliance
- Assistance with balance of plant contract preparation, bidding, analysis, negotiation and award
- Electrical contracts preparation, bidding, negotiation, management and reporting
- Wind turbine delivery interface, inspection upon delivery, component staging
- Wind turbine erection planning, bidding, negotiation, management and reporting
- Daily, weekly and monthly site meetings and reporting, executive summaries
- On-site construction management, staff supervision and contractor coordination
- Quality assurance/quality control planning, inspection and reporting
- Cost control, request for information/change order control, payment application approval
- Document control, record drawing management, as-builts, computer aided design services
- Milestone certificates, mechanical completion certification, punch-list control
- Commissioning and startup supervision, operations & maintenance turnover documentation
- Project and contractual close-out, final cost accounting, warranties and release of retention



## First hand experience

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

### Pat Madden - Senior Project Manager



Pat joined Wind Prospect in 2004 after 20 years working in civil engineering contracting with leading national and local construction firms.

As project manager, Pat has been responsible for Arnish Moor, Wharrels Hill, Red Tile, Deeping, Glass Moor, Red House,

Haverigg III and Winscales II contracts and is presently working on Bagmoor and Long Park.

Pat has dealt with Nordex, REpower and Vestas turbine installations.

As a project manager Pat is responsible for the delivery of wind farm construction projects on time, to budget and inline with all relevant specifications and legislation.

### John Dixon - Senior Project Manager

John joined Wind Prospect in March 2001 as a Project Manager. His engineering discipline is Electrical Control Systems from which he has moved into Project Engineering and Project Management.



John has managed a variety of projects including Bowbeat, East Townend, Wardlaw Wood and Greendykeside; for clients such as EDF, E.ON and GDF Suez Energy. His projects have utilised turbines from a range of manufacturers such as Nordex, REpower and Vestas. Acting as Clients' Engineer and CDM Coordinator, John completed High Headley, Langley and Trimdon wind farms on time and to budget in 2008. He is currently working as Project Manager and CDM Co-ordinator on a new Project near Stirling, Scotland for a major Client.

### Brendan Heneghan - Project Manager



Brendan joined Wind Prospect in July 2006 as a Project Manager for a number of wind farms across Ireland.

Prior to joining Wind Prospect Brendan spent three years working in the wind energy industry in various roles including project

management, turbine engineer, health and safety, and business development for Irish and UK projects.

Some of Brendan's many projects at Wind Prospect include the 27MW Carrowleagh wind farm, 13.8MWs at Meenachullalan and the construction of 10 Enercon turbines with a capacity of 8MWs at Derrynadivva. Brendan is experienced in managing the installation of various turbine types including Gamesa and Enercon models.

### Jonmark Pierce - VP Construction Services

Jonmark Pierce joined Wind Prospect from Edison Mission Energy, a merchant-power producer based in Irvine, California.



Jonmark has managed design, preconstruction, construction and commissioning of multiple wind farms across the U.S.

Jonmark has installed Acciona, Vestas, Gamesa, Mitsubishi, Suzlon, Clipper, GE and Siemens wind turbines on a variety of terrains from ridgeline to flatland sites.

With a degree in Engineering Communications, Jonmark holds certification through the Project Management Institute as a Project Management Professional, and is also certified to teach several Occupational Safety and Health Administration (OSHA) Construction Safety Outreach courses.

Visit us online at [windprospect.com](http://windprospect.com)  
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