

## Ireland 2010

# Wind Prospect engaged on 92MW Meenadreen Extension

Wind Prospect is advising on their biggest wind farm in Ireland to date.

Meenadreen Extension Wind Farm will be a 92MW wind farm located in Donegal and consist of up to forty turbines.

Wind Prospect is advising Eco Wind Power with respect to wind resource and grid connection for this milestone Irish development.

The site already hosts a four Vestas V52/850 3.4MW turbine development.

Director Peter Kavanagh said "Wind Prospect has an existing portfolio arrangement with Eco Wind Power for 5 projects in pre-construction and construction. Meenadreen builds on this successful relationship and we look forward to working with Eco Wind Power to deliver a very challenging project".

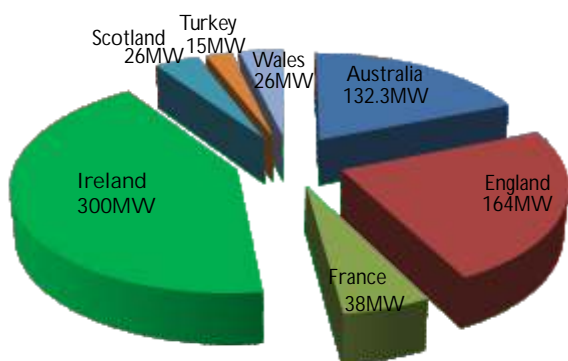
Financial close is planned for the end of 2010, with construction expected to begin in 2011.



Existing turbine at the Meenadreen site

## Reaching financial close

Wind Prospect has achieved financial close on six projects totalling 36MW in the past six months.



Current and future construction projects  
Wind Prospect worldwide

Director John Brereton says "Despite the difficult funding environment it is again possible for projects to raise equity and achieve financial close. It is more important than ever to have an experienced team on board with a proven track record of project delivery.



John Brereton  
Director

We are currently working on the preconstruction of 300MW of projects in Ireland and Northern Ireland and we are aiming to close a further twelve projects before the end of 2010."

# Boggeragh energised on schedule

Boggeragh Wind Farm, County Cork achieved energisation in December 2009.

This 57MW wind farm consists of 19 Vestas V90 3MW wind turbines with associated roads, crane hardstandings and 110 kV substation.

Commissioning of the wind turbines will be completed in the spring of 2010.

The connection works were carried out contestably and consist of a 3 bay 110kV substation, 13km of 110kV overhead line and 1km of double circuit 110kV underground cable.



Boggeragh Wind Farm

Wind Prospect was engaged as project engineers and project managers for the development.

Since 2007 Wind Prospect has guided this development through the pre-construction and construction phase with all the associated challenges. Boggeragh is the biggest wind farm constructed by Wind Prospect in Ireland to date.

Peter Kavanagh, Director feels "this has been a very exciting challenge for Wind Prospect. Many of our staff have been involved in some shape or form in delivering this project. A huge thanks to all."



*We are aiming to close a further twelve projects before the end of 2010*

## Constructed Projects

Date	Wind farm	Client	Turbines	MW
1998	Crockahenny	ESB	10	5
2000	Tursillagh I	Saorgus Energy	23	15.18
2004	Tursillagh II	Saorgus Energy	8	6.8
2004	Cuillalea	Vestas	4	3.4
2005	Booltiagh	SWS Energy & DP Energy	13	19.5
2005	Dundalk	Dundalk Institute of Technology	1	0.85
2006	Carrane Hill	DP Energy	4	3.4
2006	Cronelea	Cronelea Wind Farm	3	6.9
2006	Sorne Hill	Sorne Wind	16	32
2007	Cornacahan Hill	Killybegs Wind Farm	3	2.7
2007	Lackan	Lackan Wind Energy	3	6
2007	Midas	Enerco Energy	23	32.45
2008	Pallas	Confidential	20	40
2008	Loughderryduff	North West Wind	9	7.65
2008	Lurganboy	Highland Wind Energy	6	5
2008	Meenachullalan	Airoishin	6	13.8
2008	Mount Eagle II	Mount Eagle Wind Farm	2	1.7
2008	Muignaminnane	Saorgus Energy	18	16.2
2009	Glackmore Hill	Glackmore Wind Power Ltd	1	2.3
2009	Mace Upper	Sunflower Design	3	2.43
2009	Derrynadiuva	Ecopower	10	8
2009	Rahora	Ecopower	5	4
2009	Reenascreena	Reenascreena Wind Farm	5	4
2009	Sheeragh	Sheeragh Wind	2	4.6
2009	Sorne II	Bord Gais	3	6.9
2009	Dunmore extension	Dunmore Wind Power Ltd	2	1.6
2010	Cronelea II	Cronelea Wind Farm	1	2.3

27 wind farms, 204 turbines, 255MW

## Current & future construction projects

Date	Wind farm	Client	Turbines	MW
2010	Ballincollig Hill	Lee Strand Co-operative	16	12.8
2010	Boggeragh	Enerco Energy	19	57
2010	Burren	Enerco Energy	TBA	9
2010	Carriganima	Carriganima Wind Farm	6	13.8
2010	Carrowleagh	Powercon Wind Energy	13	26
2010	Inchee	Enerco Energy	TBA	6
2010	Oonagh	Aeropower Wind Energy	3	6.9
2010	Seltannaveeny	West Clare Wind Farms	2	4.6
2010	Drumlough Hill Extension	Wind Farm Management	12	10.2
2010	Corkermore	Eco Wind Power	6	15
2010	Cuillalea Extension	Cuillalea Wind Farm	2	1.7
2010	Shannagh	Shannagh Wind Farm	3	2.7
2011	Dromdeveen	Confidential	18	36
2011	Esk	Wind Farm Management	7	5.95
2011	Crigshane	Viridian Resources	14	32.2
2011	Churchill	Viridian Resources	8	18.4
2011	Greenouge	Greenouge Wind Farm	3	7.8
2011	Cathercullenagh Upper	Cathercullenagh Upper Wind Farm	TBA	15.3
2012	Clydaghroe	Clydaghroe Wind Ltd	TBA	5
2012	Catherdowney	Catherdowney Wind Farm	5	10

20 wind farms, 137 turbines, 296MW

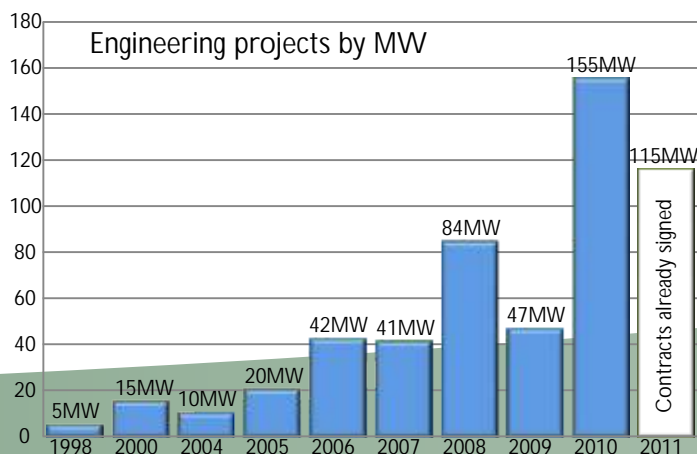
# Developments gain momentum

Wind Prospect are awaiting decisions on planning consents for 39MW of wind farms. Further projects are undergoing environmental impact assessments.

Wind Prospect has been providing planning and development Advisory Projects

Date	Wind farm	Client	Turbines	MW	Project Role
2005	Sorne Hill	KBC	16	32	Due diligence
2005	Tursillagh I	IIB Bank	23	15.18	Due diligence
2005	Dunmore	Bank of Ireland	2	1.7	Due diligence
2005	Lahanaght Hill	IIB Bank	5	4.25	Due diligence
2005	Kealkill	Allied Irish Bank	10	8.5	Other consultancy
2006	Midas	Barclays Bank	23	32.45	Due diligence
2006	Ballybane	Allied Irish Bank	13	29.9	Due diligence
2006	Carrig/Skehanagh	Anglo Irish Bank	10	8.5	Other consultancy
2006	Beam Hill	IIB Bank	8	14	Other consultancy
2007	Loughderryduff	Bank of Ireland	9	7.65	Due diligence
2007	Currabwee	Energy Services	7	4.62	Due diligence
2008	Midas	Confidential	23	32.45	Bank's engineer
2008	Eco Wind Power portfolio	Viridian	TBA	104	Due diligence
2008	Flughland	Ulster Bank	5	9.2	Due diligence
2008	Confidential	Confidential	2	5	Wind resource
2008	Cloghboola	Confidential	20	40	Due diligence
2008	Cloghboola	Confidential	20	40	Due diligence
2008	Caherdowney	Viridian	4	10	Due diligence
2008	Lisheen Mines	Viridian	19	56	Due diligence
2008	Mill Portfolio	Bord Gais Eiron	40	50	Due diligence
2008	Gortahoile	Green Wind Energy	7	22	Due diligence
2008	Ballymartin	Bord Gais Eiron	3	6	Wind resource
2009	Dromdeeveen	Reirk Energy	18	36	Wind resource
2009	Sorne II	Ulster Bank	3	6.9	Due diligence
2009	Confidential	Confidential	2	1.6	Due diligence
2009	Mountain Lodge1	Bank of Ireland	2	3	Due diligence
2009	Confidential	Confidential	TBA	5	Wind resource
2009	Meenadreen	Eco Wind Power	45	90	Wind resource
2009	Lettergunnet	Enerco Energy	8	16	Wind resource
2009	Cahir	Agri Energy	1	2	Wind resource
2009	Confidential	Confidential	2	5	Wind resource
2010	Sliabh Bawn	Coilite	23	57.5	Wind resource
2010	Confidential	Confidential	2	4.6	Wind resource

33 wind farms, 375 turbines, 761MW



services to developers in Ireland since consenting Crockahenny Wind Farm (10 x Enercon E40 turbines) in 1997.

We have a vast pool of wind resource and construction expertise to draw upon internationally. Our experienced team ensure the production of efficient, practical wind farm designs.

We carefully manage environmental impact assessments to deliver successful planning applications that maximise project returns.



Gavin Jones  
Senior Development Manager

Our consenting track record includes green field developments, existing wind farm extensions, wind farm redesigns and onsite developments at commercial premises.

## Ballycadden consented

Ballycadden Wind Farm redesign has been granted a positive planning consent.

The project initially received planning permission for 17 wind turbines in 2003. However grid connection delays and advances in wind turbine technology meant the consented design did not take full advantage of the site wind resource.



Ballycadden Wind Farm

Wind Prospect was tasked with bringing a redesigned site through the planning process that would best exploit the conditions of the site

Ian Bailey, Ballycadden Wind Farm stated that:

“Due to the expertise that they can draw on in-house, Wind Prospect were able to give us immediate feedback on varying design options during the development process. This allowed us to make design decisions with the confidence that we were staying on the right track”

The site now has permission from Wexford County Council for 9 wind turbines with 85m hub height and 41m blade length. This will suit a number of turbine models in the 2 – 3 MW Class.

Gavin Jones, Senior Development Manager for Wind Prospect says:

“We are delighted with this decision for Ballycadden Wind Farm. The latest planning application was submitted along with a complete environmental impact statement. No objections were lodged at the initial submission stage or the further information stage of the application. The lack of objections, along with the positive decision from the local authority reinforces the fact that the site redesign has been a positive move for all concerned.”

## People specialities

# Wind Power at Equestrian Centre

Wind Prospect has dispelled the myth that horses and wind farms do not mix with the construction of 3 Enercon turbines at Mace Upper Equestrian centre in Mayo.



The project was completed by Wind Prospect whom were approached by financial consultants Grant Thornton to undertake the works.



Brendan Heneghan

The project was managed by Wind Prospect's Brendan Heneghan and included the construction of the three Enercon E48 turbines with a capacity of 2.4MW.

*Wind Prospect are awaiting decisions on planning consents for 39MW of wind farms*

Contact us to see what we can do for you

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