

COMPANY PROFILE – ALPHA WIND ENERGY ApS:

Alpha Wind Energy ApS (“AWE”) was established in 1999 in response to a growing need for independent project development capability in the wind industry. AWE continue to believe that the development phase constitutes the bottleneck in today’s wind energy market, and that AWE’s services benefit turbine manufacturers, landowners, as well as investors.

Four partners, Egon V. Poulsen, Steen Andersen, Jan T. Olesen and Jens Børsting Petersen, all of whom had been associated with the wind energy business for many years, formed the company. A common trait of the partners is that they have all lived in foreign countries for longer periods of time and worked as project managers in the international business environment. AWE has offices in Denmark and in the Republic of Ireland and is represented through a partner in Scotland and Taiwan. AWE is wholly owned by its four directors.

AWE’s partners have more than 70 years of combined, worldwide wind energy experience, covering all aspects of the business. As an example, Jan Olesen has previous employment by a wind turbine manufacturer, a wind energy developer and a wind energy investment company. Mr. Olesen has managed the preparation, construction, delivery, operation and maintenance of several very complex and remotely located international wind energy projects on time and on budget to the full satisfaction of the clients. His equally experienced partners compliment this expertise. Our managing director, Jens Børsting Petersen, has worked in Denmark as well as overseas in his former capacity as test pilot in the Danish Air Force. Jens brings substantial experience and expertise within meteorology, aerodynamics and advanced technology. Jens’ talents within management, organisation and marketing have been developed through project management positions in the Air Force. CV’s, including partners with 17 and 24 years of wind energy experience, respectively, in the wind energy business can be made available upon request.

AWE has over the past 8 years worked extensively in the Republic of Ireland and has secured planning/building permission for more than 140 MW of planned wind energy capacity during this time period. Hence, significant development efforts and investments are now positioned for maturing into sound wind energy projects in the coming years. At the same time AWE has measured wind speeds in more than 45 different locations, ranging from Northern Sweden to Taiwan, including Norway, England, Romania, Egypt, and Poland, and AWE perform parallel wind measurements on a continuous basis in five different locations in Ireland. AWE is involved in wind farm development in Scotland, where AWE has secured three land leases for developments totalling approx. 250 MW. In Taiwan AWE has provided consulting and training services to the national utility, Taipower, and AWE has measured wind speeds on Taiwan’s two tallest dedicated wind measuring mast (50 and 60 m) for Taiwan’s National Research Institute, ITRI and Taipower.

In Ireland three projects with a total of 11 turbines have been constructed and are in operation. Additional 8 projects have received grid connection offers under Gate 2. 3 of these projects have been financed and are now under construction. A further 6 projects have full planning permission. Total activities in Ireland exceed 140 MW.

In the past year AWE has commenced metering of the wind resource on 3 ea. 80 meter masts in Poland and one in Romania. AWE is the first developer in the market to use WindCube Lidar (laser) to measure wind. This is taking place on an offshore location in Norway. This state of the art technology supports AWE ability to do dynamic flow analysis of complicated sites for micro-siting purposes.

In 2008 AWE has taken a market leadership in construction management by supplying senior project management for CWP's 345 MW project in Romania.

AWE has an unprecedented track record in bringing development projects through the planning process and to deliver projects through construction on budget and on time.

AWE brings all the required elements of a project together and utilises only proven and reliable technology optimised for the local conditions and with solid warranties from manufacturers and sub-suppliers.

Client list:

Although consulting is not AWE main business, AWE has done and continues to do direct consulting jobs for amongst others the following clients:

Denby Dale Wind Farm, UK
DONG A/S, DK
Forum For Energy and Development, DK
ITRI, (Industrial Technology Research Institute of Taiwan)
Meitheal Na Gaoithe, Ireland
NordanVind AB, Sweden
Overgaard Gods Møllelaug I/S, DK
Taipower, Taiwan
The Generation Company, Taiwan
UNESCO/UNDP, Samoa
Vestas Power Systems A/S, DK/Taiwan
Viridian Energy Supply Limited, Northern Ireland
Nord Trondelag Electricitesvaerk/Norway
PS Wind Management/ Poland
Country Crest/ Ireland
Havgul, Norway
Pfizer, Ireland
Grontmij | Carl Bro, Denmark
CWP Romania

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