DEWI maintains client relationships all over the world and supports wind energy developments in more and more countries. Due to the rapidly advancing shift from fossil fuels to renewable energies, there is a world-wide boom in wind energy business that is expected to continue for years. This encourages DEWI to establish new offices in countries also outside of Europe, to be close to new key markets and clients.

European developers, manufacturers and banks play a significant role in the booming North American wind energy market and DEWI has long standing experience in dealing with them. For instance, the wind turbine manufacturers who will benefit from the recent 2000MW Hydro Québec call for tender are Repower and Enercon, both European companies. They will open manufacturing facilities for wind turbine parts in Québec. Multibrid, a German manufacturer of offshore wind turbines, eyes Ontario for a wind turbine manufacturing facility.

Upcoming political changes in the US may further boost the renewable energy business if innovative laws are implemented beyond the PTC. For this, the US has the great advantage of reviewing the lessons learned with renewable energy policies in Europe. Several US States are working hard to attract wind turbine manufacturers from Europe. They see great benefits for the local economy and for the labour market. This includes the supply chain. One should however consider that successful wind power development also requires a highly qualified workforce and a large spectrum of specialized services. Many of these services relate to high tech areas such as virtual prototyping, numerical flow simulation (CFD) and GIS. A big challenge to master in the US and in Canada is to establish wind...
energy specific research and education at Universities. Highly motivated staff creates the basis for success in wind energy projects. It takes time to establish new graduate programs; therefore one should start with that as soon as possible. DEWI, with its own further education and training programs contributes to this.

DEWI North America Inc. was incorporated under the Business Corporations Act of the Province of New Brunswick, Canada, on March 20, 2008. It is a 100% subsidiary company of DEWI GmbH Deutsches Windenergie-Institut, Germany. The office of DEWI North America Inc. is located at 1 Yonge Street, downtown Toronto, Canada. DEWI North America Inc. provides all of DEWI’s long established services for wind farm project developers, wind turbine manufacturers, banks, investors, governments and public administrations. In particular, highly recognized micrositing services are offered along with due diligence and consulting regarding wind measurements. Furthermore, DEWI and WEICan (the Wind Energy Institute of Canada) have established a framework agreement in accordance with which both parties will work together on an exclusive basis in order to provide the North American wind industry with type testing services.

A few words about my personal background and motivation:
Prior to my appointment as VP and CTO of DEWI North America Inc., I worked with DEWI GmbH in Wilhelmshaven/Germany since 2000 as a project engineer, researcher and software developer in the micrositing department. My fields of expertise include computational fluid dynamics, projects with special requirements, complex terrain wind and turbulence assessments, offshore wind farm assessments and the calculation of load relevant site conditions. I have been involved in a large number of expert assessments for offshore wind farms in the German Bight, includ-
ing wind resources and the calculation of wind turbine design parameters. Furthermore, I have been developing DEWI’s in-house CFD models for complex terrain and for offshore applications. There are many plans for offshore wind farms in the US as well as in Canada. DEWI North America Inc. is very well prepared to support these developments with expert knowledge gained in Europe. I have permanently moved to Toronto, which offers a high quality of life and is among the most inspiring cities worldwide. For good reasons, it is one of the favourite destinations for business travellers. As a major business centre, Toronto greatly benefits from its multicultural society. Where else can you find such a fertile ground for a high tech renewable energy business? DEWI’s excellent reputation and DEWI North America’s location in Toronto will also attract the very best wind engineers and innovative scientists, offering to them a responsible and cooperative work environment in which they can unfold their talent in a combination of research and services while enjoying the outstanding cultural and social environment in Toronto.

References