

INTRODUCING WindBusiness

The most efficient way to prospect for wind energy opportunities

- > **Save time** - no need to wait years for wind data before initiating a project
- > **Save money** - streamline the early stages of site assessment and development
- > **Reduce risk** - good information means a more secure investment

Accurate, detailed, long-term data is the key to choosing the right site for a wind farm development, and designing the farm to take full advantage of the wind energy available. A small change in predicted energy output may be worth millions of dollars over the life of a modest-sized wind farm.

WindBusiness is a commercial venture set up by the Sustainable Energy Development Authority of NSW (SEDA) to offer sophisticated information packages and data services to the wind energy industry.

Although drawing on the expertise and commitment of SEDA's Wind Energy Unit, it operates independently of other SEDA wind energy activities.

WindBusiness products and services are priced to represent a good investment for wind energy developers, but still deliver a return to SEDA so that it can continue to enhance wind energy opportunities for the benefit of the industry as a whole.

The WindBusiness product range includes:

- **Regional Wind Reports** - everything a developer needs for initial site selection and analysis. The CSIRO's powerful WindScape™ modelling system is combined with an extensive range of site filtering information to produce an efficient site identification and feasibility tool. Each report covers an area of approximately 50km by 50km corresponding with standard 1:100,000 topographic map tiles. This makes them very easy to use.

As well as detailed wind resource and energy maps and analysis, a range of other key data layers are included, from transmission and transport infrastructure, to potential restrictions such as areas of protected flora and fauna and Aboriginal heritage. Digital data sets and 'virtual' raw wind data can also be generated on request to assist feasibility studies and early design.

- > Accelerate your site prospecting – reports are mostly available off-the-shelf
 - > Choose appropriate sites – site-specific issues are clear from the start
 - > Save money – only progress with sites that meet your criteria
 - **Wind Monitoring Services** – monitoring towers installed on request to provide a full wind data delivery service. WindBusiness carries the capital cost of establishing, owning and operating the equipment, obtains landowner and planning approvals, and licenses data to clients for a flat annual fee.
 - > Minimise exposure to risk
 - > Simplify site monitoring set-up – often a resource-intensive process
 - > Monitor more sites for a given development budget
 - **Wind Data Licences** – access to high-quality long-term raw data from a growing number of WindBusiness monitoring sites via a non-exclusive licence.
 - > Use for site modelling and assessment
 - > Or for correlation to improve the quality of shorter-term data sources.
- [See individual product fact sheets for detailed specifications and pricing information.](#)

WindBusiness credentials

WindBusiness is underpinned by SEDA's commitment to the development of a sustainable wind energy industry. Its target is to see at least 1000 MW of capacity installed by 2010.

- WindBusiness has taken over the network of 25 high-quality monitoring towers established by SEDA under the **NSW wind monitoring program** since early 2000, as well as acquiring data from a further eight NSW sites. WindBusiness wants to ensure the availability of quality long-term wind data in NSW and is interested to hear from any parties looking to sell wind data or decommission wind monitoring sites.
- The **NSW Wind Energy Handbook**, produced by SEDA in 2001, has proved an effective tool to raise awareness of the benefits and issues offered by wind energy. It covers all aspects of wind energy development in the state, with easy-to-use sections on government planning regulations, operation of the electricity market, technical issues and environmental impact management, as well as key contacts and references for wind energy developers.
- SEDA has actively supported most of the **renewable energy projects** in NSW, including two of the three wind farms now operating in NSW, providing a range of services from contacts to financial assistance.

Quality, security and reliability

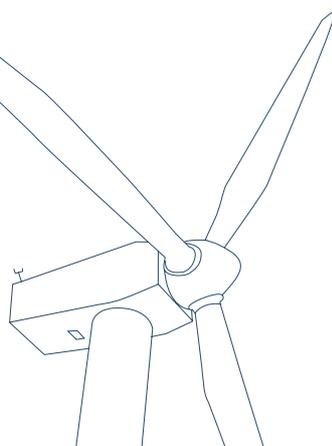
WindBusiness understands the critical importance of data security and confidentiality. Drawing on experience gained from SEDA's monitoring network, WindBusiness has systems and processes in place to ensure that wind data and other confidential information are kept secure:

- WindBusiness maintains its own confidential filing and data storage system, separate from SEDA's and accessible only by key WindBusiness staff under confidentiality agreements.
- Client identity and activities are kept strictly confidential within WindBusiness.
- The precise location of client monitoring sites is provided only to key site contractors under confidentiality agreements.
- Data collection, handling and analysis are conducted by CSIRO's Wind Energy Research Unit under strict confidentiality arrangements.

WindBusiness also understands the importance of reliable and timely delivery. Most of its information products are available off-the-shelf, and in the case of 'custom' products and services, proven processes are in place to produce them. This helps ensure that all WindBusiness products and services are delivered on time and to the highest standard of quality.

Opportunities for wind energy developers have never been greater. NSW has well over 1000 MW of potential capacity, with just 17 MW installed.

Take advantage of these opportunities with the help of WindBusiness.



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