



Address: Suite 9, 83A Main Street, Greensborough 3088
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INTRODUCING: THE 2010 COMPREHENSIVE MAPPING DATABASE OF EXISTING AND PLANNED WIND FARM PROJECTS IN VICTORIA, NOW AVAILABLE OFF-THE-SHELF FROM ENHAR

As a professional involved in the wind energy industry in Victoria, you will have a keen interest in knowing the precise location, size and ownership of the wind farm projects. You can collect information from diverse online sources, but most sources are not quality controlled and it is time consuming to track down the missing pieces of the jigsaw. How can you get the whole picture, not just anecdotal and incomplete information? As consultants to the renewable energy industry, Enhar are pleased to offer a professional grade product to fulfil this requirement:



Existing wind farm in Victoria are included in our database, plus maps of all planned wind farms with development approval and in the application



Example of Wind Farm Boundary mapping: Wonthaggi Wind Farm, turbines shown in aerial photo

www.enhar.com.au

Enhar ABN: 17801749614

Business registered in Victoria B2031915S



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PRODUCT FEATURES

- Comprehensive, up to date database of all wind farm projects in Victoria, Australia
- Accurate and verified project boundary co-ordinates supplied in Google Earth and shape file format compatible with GIS programmes
- All projects planned by all developers are listed, subject to confidentiality limits defined below
- Database surpasses existing online sources due to inclusion of comprehensive project location boundary data and turbine location map
- Surpasses existing free sources which do not include co-ordinate details or accurate maps of project locations
- Database includes existing and under construction wind farms
- Victoria database fully researched and updated regularly
- South Australia, New South Wales, Tasmania, Queensland and Western Australia databases available to order
- Individual Wind turbine positions for existing and planned wind farm projects in Victoria are available, including turbine height dimensions
- The Enhar Victorian wind farm project database is complete and up to date, allowing you to
 - instantly map all wind energy sites
 - refine your site search and development plans
 - complete your wind energy market research
 - understand the future impact of wind farms on landscape, accurately
 - perform your spatial planning tasks

Purchase your copy of the database to receive

- Database geographic data in Google Earth and GIS compatible format
- Database spreadsheet

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PRICE LIST - 2010 VICTORIAN WIND FARM MAPPING DATABASE

Universal License

Allowing you unlimited use of the database and map both internally within your organization plus publishing of the map onto your website:

- **Gold : \$2,900 + GST** : includes updates for 3 months of all project additions and changes
- **Silver: \$2,400 + GST** : accurate at date of purchase

Please note the DPI is already planning on publishing a version of this map on their Geovic website.

Local License

Allowing Internal Usage within your own organisation only:

- **Gold** licence includes complete database plus one 3-monthly update of all project additions and changes : **\$1,900 +GST**
- **Silver:** Complete project database accurate at date of purchase: **\$1,500 +GST**

Wind turbine co-ordinates @ existing, under construction, planned Victorian wind farms: **\$1,500+GST***

Other States of Australia: South Australia, Tasmania, Queensland, New South Wales, ACT:
Prices range \$1,500 to \$3,000 for full mapping database, further details available on request

Ordering your Copy

To order your copy of the database, contact us:

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Usage of Sensitive Data

We respect the confidentiality of Industry-sensitive information. Therefore, we do not list sites which are under investigation by developers which have to date not sought referral under the EPBC Act or for which a planning application has not been lodged with the planning authority to date. The sites which are included in the database are therefore the more advanced projects, with information already announced into the public domain. These are therefore the most relevant sites to assessment of the future wind energy landscape.

*Notes for Landscape and Visual Impact professionals

For landscape architects and those assessing the visual impact of wind farms:

The wind turbine position data is suitable for input to your zone of visual influence models, allowing you to map the cumulative visual impact of the wind farms in Victoria. Wind turbine positions for all wind farms which have published maps are included.

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WHICH PROJECTS ARE INCLUDED? The Victorian wind Farms included in the Enhar map database include:

Operational Wind Farm Name	Current owner, Developer,	Turbines: number, manufacturer	Total capacity [MW]	Map included?
Codrington	Pacific Hydro	14, Bonus 1.3	18.2	YES
Toora	Transfield, Stanwell Corp.	12, Vestas V66	21.0	YES
Challicum Hills	Pacific Hydro	35, NEG Micon	52.5	YES
Wonthaggi	Origin, Wind Power	6, RePower	12.0	YES
Yambuk (Portland I)	Pacific Hydro	20, NEG Micon	30.0	YES
Waubra	Acciona	128, Acciona Wind Power	192.0	YES
Cape Bridgewater (Portland II)	Pacific Hydro	29, RePower	58.0	YES
Cape Nelson South (Portland III)	Pacific Hydro	22, RePower	44.0	YES
Total			427.7	

Wind Farm Name (alternative name in brackets)	Max number of turbines	Total capacity [MW]	Company	Map included?
Bald Hills	52	104	Mitsui Japan, Wind Power	YES
Berrimal	16	24	Acciona	YES
Berrybank	99	247.5	Union Fenosa (formerly TME)	YES
Crowlands	75	172	Pacific Hydro	YES
Drysdale (Purnim)	13	29.9	Wind Farm Developments	YES
Oaklands Hill (Glenthompson)	43	86	AGL	YES
Hawkesdale	31	62	Union Fenosa (formerly TME)	YES
Lal Lal	64	128	West Wind	YES

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Wind Farm Name (alternative name in brackets)	Max number of turbines	Total capacity [MW]	Company	Map included?
Leonard's Hill (Daylesford)	2	4	Hepburn Wind	YES
Lexton	19	38	Wind Power	YES
Macarthur	140	420	AGL	YES
Morton's Lane	13	30	NewEN	YES
Mount Gellibrand	116	232	Acciona	YES
Mount Mercer	64	131.2	West Wind	YES
Naroghid	21	42	Wind Farm Developments	YES
Newfield	15	22.5	Acciona	YES
Portland IV: Cape Nelson North	11	22	Pacific Hydro	YES
Portland IV: Cape St William Grant	16	32	Pacific Hydro	YES
Ryan Corner	68	136	Union Fenosa (formerly TME)	YES
Salt Creek (Woorndoo)	15	29.9	NewEN	YES
Winchelsea	14	28	Future Energy/International Energy	YES
Woolsthorpe	20	40	Wind Farm Developments	YES
Yarram/Devon North	7	14	Synergy Wind Energy	YES
Total	926	2,075		

Also included are various wind farms which have lodged planning permits with the Minister for Planning or the local Councils, but for which a planning permit has not yet been awarded.

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