



## FEASIBILITY CAPABILITY STATEMENT

### URBAN WIND ENERGY FEASIBILITY STUDIES

#### Are you considering investing in a Quiet Revolution QR5 vertical axis wind turbine?

If you are a building owner or property developer interested in the potential for rooftop wind energy or wind turbines in your built environment, you may be considering the popular 'QR5' vertical axis wind turbine from Quiet Revolution. This is a 6kW wind turbine which can provide effective renewable energy generation on residential tenements or office blocks with good exposure to prevailing winds.

[Enhar](#) offers a customised desktop feasibility study service to assist you to make the right choices.

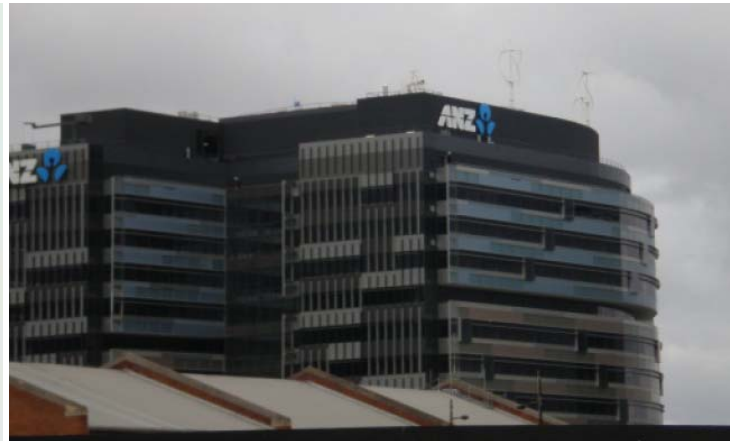
#### What will be included in my Desktop Feasibility Study?

##### 1. Turbine Location and Mounting options

To reduce exposure to turbulence around buildings, building-mounted wind turbines are usually mounted well above the roof line. We will perform a desktop assessment of your site using aerial photographs and recommend turbine location options. If you can fax or email plans and photos of the site to us, that will allow us to refine the work still further.

##### 3. Wind Resource and Energy Yield prospects

The yield of wind turbines is truly sensitive to wind resource. We will review local wind data sources and provide an estimate for your site. The wind resource estimate is then applied to the wind turbine power curve to obtain annual yield figures. Your report will include the range of expected energy production at your site. Wind monitoring is not included, but is available as an additional service.



Vertical axis wind turbines in Melbourne Docklands

##### 4. Environmental and Economic Issues of Project Feasibility

To help you budget and plan for the wind energy project, we will:

- Calculate available income including solar credits and feed in tariffs (NSW).
- Comment on environmental issues including noise and bird impacts

Your desktop feasibility report will be 5 – 10 pages. It will assist you to make the decision on whether to proceed to the next stage

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### Related Services

#### Wind Monitoring Service :

*“Is wind energy viable at my site?”*

The highest wind resource is available along the sea front adjacent to beaches, on top of high rise buildings and on well exposed hills.



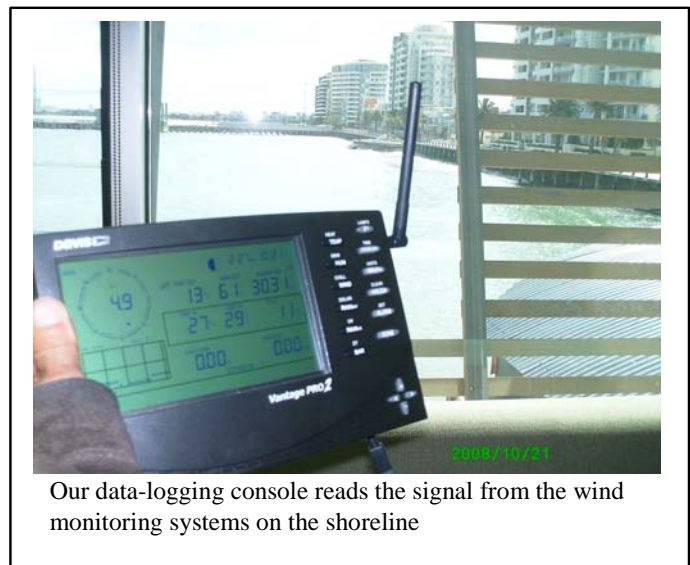
You are probably reading this because you are already confident that you have a strong wind resource. So just how much energy is available in the wind, and how much power could it supply to my site?

The universal solution to this is to measure the wind directly.

Enhar can provide tailored solutions to monitor and report on your wind resource.

- *6 months of wind monitoring at your site*
- *9m wind mast with wind speed and direction sensor, mounted on your site*
- *Data logging, collection and analysis*
- *Reporting including wind roses*
- *Detailed wind feasibility study report*

[Contact us](#) to start your consultation!



Our data-logging console reads the signal from the wind monitoring systems on the shoreline

#### Other related services:

- Noise and Vibration Assessments for micro wind turbine proposals
- Shadow Flicker assessments

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### Who are we?

Enhar is a consulting company which assists clients to deliver [renewable energy projects](#), to develop renewable energy technologies and to implement [energy conservation](#).

Enhar delivers feasibility and wind monitoring services in partnership with Maxim Renewable, the Australian supplier of Quiet Revolution wind turbines.

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