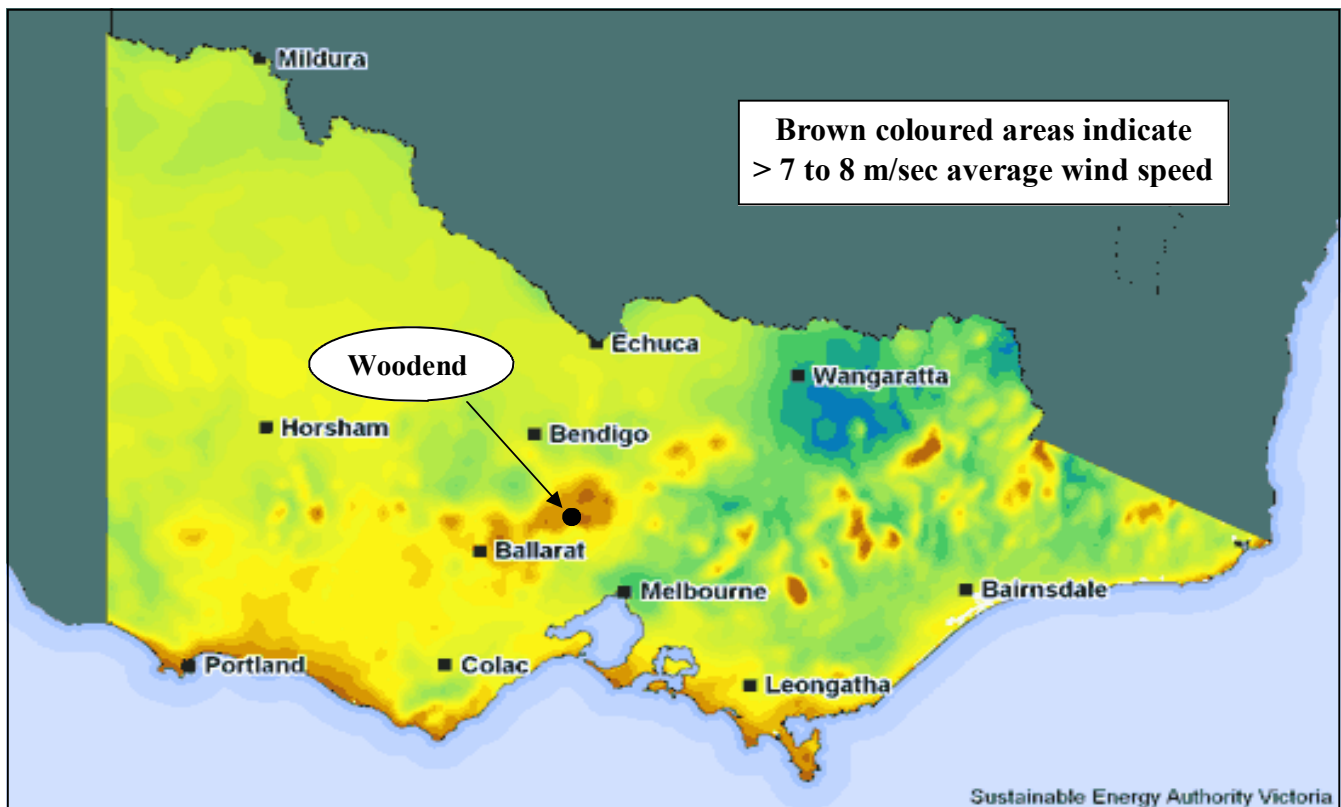


Woodend Integrated Sustainable Energy (WISE)

Expression of Community Interest

Wind is an energy resource, and Woodend has plenty of it. Why not use it for OUR benefit?



Wind Atlas of Victoria (2004)

Potential Benefits of Community-Owned Renewable Power Production and Retail

- **Off-sets Carbon Emissions for the Woodend Community**
- **Provides a Direct Source of Renewable Energy and Revenue for the Woodend Community.**
- **Provides Additional Eco-Tourism Income**
- **Enhances the Reputation of Woodend, and Provides an Example to Other Wind-Rich Communities**
- **Provides a Sense of Ownership of Assets**



Dear Community Member,

This is a request for an expression of your support for a community-owned power generating and retailing co-operative, under the name of **Woodend Integrated Sustainable Energy (WISE)**. The main aim of the project will be to harness the natural energy contained in the wind and use it for local community benefit. This will be used in conjunction with other renewable technologies (eg. solar, solar thermal, biodiesel) and other strategies (eg. efficient building design, energy efficiency, water harvesting and recycling) to form the basis for **sustainable, carbon neutral community living in the Macedon Ranges area**.

The map on the front of this flyer is taken from the Wind Atlas of Victoria (2004). The brown areas possess average wind speeds greater than 7 metres per second (7 m/sec) - 4 m/sec is generally regarded as the minimum for producing wind power. Woodend is right in the middle of a big brown blob of high wind speed —this confirms what we already know, that the **Woodend area is a windy place!**

Benefits coming from community-owned power production include, among others, off-setting the entire carbon emissions for Woodend and, after a payback period, earning revenue for the shareholders (eg. local and institutional investors), which can be fed back to the community to address local needs. WISE follows in the footsteps of the Hepburn Renewable Energy Association (HREA). By producing a quality submission, and with the weight of over 400 local community members, the HREA received council approval to install and operate Australia's first community-owned wind 'park'. The Victorian Government pitched in \$950,000 to assist the project - **there is political will behind this idea!**

The HREA wind park is basically a mini-farm, consisting of only 2 x 2 megawatt wind turbines, situated on Leonard's Hill, 10 km south of Daylesford, but it is enough to meet the town's entire electricity usage, and therefore carbon emissions. So we are not talking about 50 turbines here, but just enough to do our little bit. With rising energy prices on the horizon, we will likely make some money along the way.

The world appears to be in trouble, and we have a renewable, emission free resource, right here, right now. While mining companies have to go where the ore or coal is, we don't need to, because the resource is all around us, knocking down our trees and bringing in the rain.

Why not use it for OUR benefit?

There are no detailed plans at this stage, only an idea. If this idea appeals to you, you will be asked whether you wish to become a member. If we get enough members, **this WISE project will happen.**

Thank You for Your Attention

**Register Your Interest—Sign
up to WISE or Use Contacts
Provided Below**

PLEASE USE CONTACTS LISTED BELOW

YOU WILL BE ASKED TO PROVIDE YOUR CONTACT DETAILS FOR FUTURE CORRESPONDENCE.

Barry Mann: Ph—**5427 2275** or 0421 678231. e-mail - bsmann@ssc.net.au or [Barry Mann@ghd.com.au](mailto:Barry_Mann@ghd.com.au)

Stephen Edwards: Ph—**5427 4181** or 0419 515 712. e-mail - edwardssc@optusnet.com.au

Peter Hansford: Ph—**5427 1412** or 0417 050939. e-mail - rosshans@bigpond.net.au

Bruce Mildenhall: bmildenhall@vic.chariot.net.au