



### What is the Mount Fyans Wind Farm?

The Mt Fyans Wind Farm is a project being developed by Tasmanian based wind energy producer Woolnorth Wind Farms. We are planning to lodge the planning application for Mt Fyans wind farm in late August 2018.

### Where is the project located?

The project is located in Victoria's western plains in an area 5km to the north of the town of Mortlake.

### Who is Woolnorth?

Woolnorth Wind Farms is a joint venture between Hydro Tasmania and Guohua Energy Investment Corporation, a subsidiary of Shenhua Clean Energy Holding.

Hydro Tasmania is a Tasmanian Government Business Enterprise and Australia's largest producer of renewable energy.

Shenhua Energy is one of China's largest energy producers with a growing renewable energy division.

### QUICK FACTS

If approved, the project will support up to **200 workers** at the height of construction. The construction process will take approximately **21 months**.

### When will the project go ahead?

We are in the process of finalising the planning application which we hope to submit in August 2018. If and when a planning permit is granted, we can move into pre construction activities.

### Does the public have a say?

Yes, the public will have the opportunity to make comment on the wind farm project once the planning application is lodged and made publicly available by the Minister, through the public notification process.

### How long will construction take and how long is the wind farm operational?

If and when a planning permit is granted, pre-construction activities can begin. These include selecting the turbine to be used and acquiring the necessary licenses to carry out the construction.

Once construction begins it will take place across three phases: first, construction of roads and hardstands, then pouring foundations and erecting turbines and finally connecting the electrical

infrastructure.

In Australia, wind farms are generally made with a design life of 25 years. However, with appropriate operation and maintenance, wind farms have operated beyond this time frame.

### What scale is the project?

The Mt Fyans wind farm project is comprised of privately owned cleared grazing and cropping land across 14 properties.

As shown below, the site lies to the north of Mortlake, with Mount Shadwell creating a geographical barrier between the town and the wind farm. We will be

seeking approval for up to 87 turbines, each with a tip height of up to 200 metres.

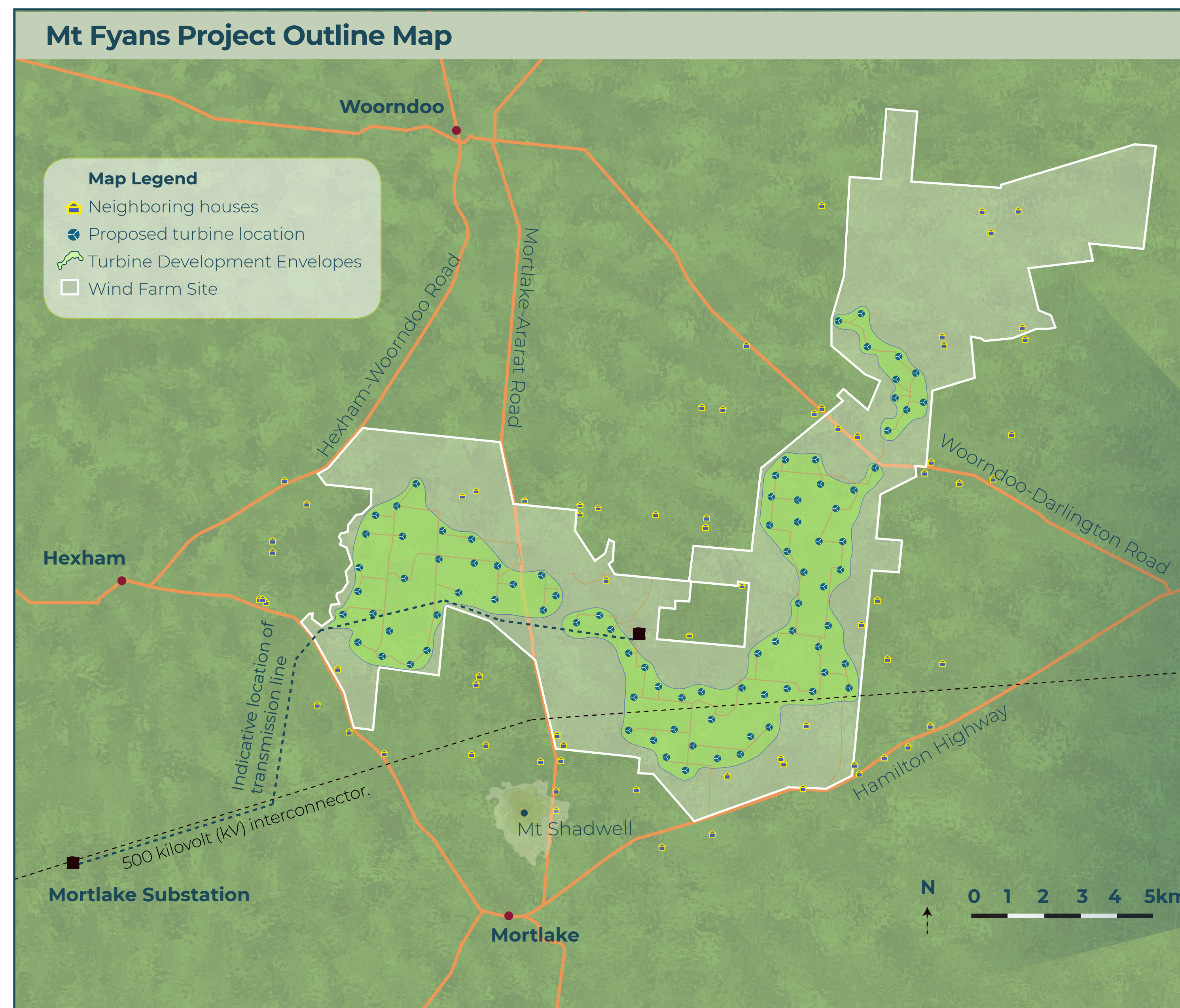
### Why is Mortlake a good location for a wind farm?

The Moyne Shire and Mortlake regions have been popular for wind farm developments due to a reliable source of wind, large amounts of farming land, and access to strong grid connections such as the Mortlake Substation on the 500 kilovolt (kV) interconnector.

One of Australia's largest wind generators, the Macarthur Wind Farm is also in the Moyne Shire and connects to the 500 kV interconnector. We have been investigating the feasibility of Mt Fyans Wind Farm for nearly a decade. In 2011 a wind monitoring mast was installed to record and compile the speed and direction of wind.

Woolnorth Wind Farms are proposing to build the Mt Fyans Wind Farm that will be comprised of up to **87 wind turbines**.

The wind farm will produce enough energy to power almost **150,000 homes**.



### Mt Fyans Location Map



### Local Jobs and Investment

A recent report by the Australian Wind Alliance (AWA) into the community benefits of wind farms found that of the two gigawatts of new wind farm capacity currently under construction in Australia, an estimated 1,950 direct jobs have been created in regional areas, with a further 4,500 indirect jobs created in local businesses.

The Mt Fyans Wind Farm along with other projects under development in the Moyne Shire area will bring employment opportunities and increased economic activity to the region.

The total installed capacity of major operating wind farms in Victoria is currently **1,555.6 Megawatts**

The total capacity of approved wind farms in Victoria that are not yet operating is up to **2,277 Megawatts**