

Wind power

# What are wind farms?

A wind farm is a group of wind turbines in the same area used for making electric power. Wind turbines can be found on land or in the sea.



LAND



SEA

# Examples of Australian and international wind farms

Throughout Australia and internationally there are many major wind farms like in Europe.

Europe is one of the highest rated countries concerning wind turbines.

Cullerin Ranges in Australia has 15 wind turbines, Cullerin Ranges has an extremely good wind resource and enough renewable energy to power 15,000 NSW homes. Crookwell wind farm is one of three in New South Wales.

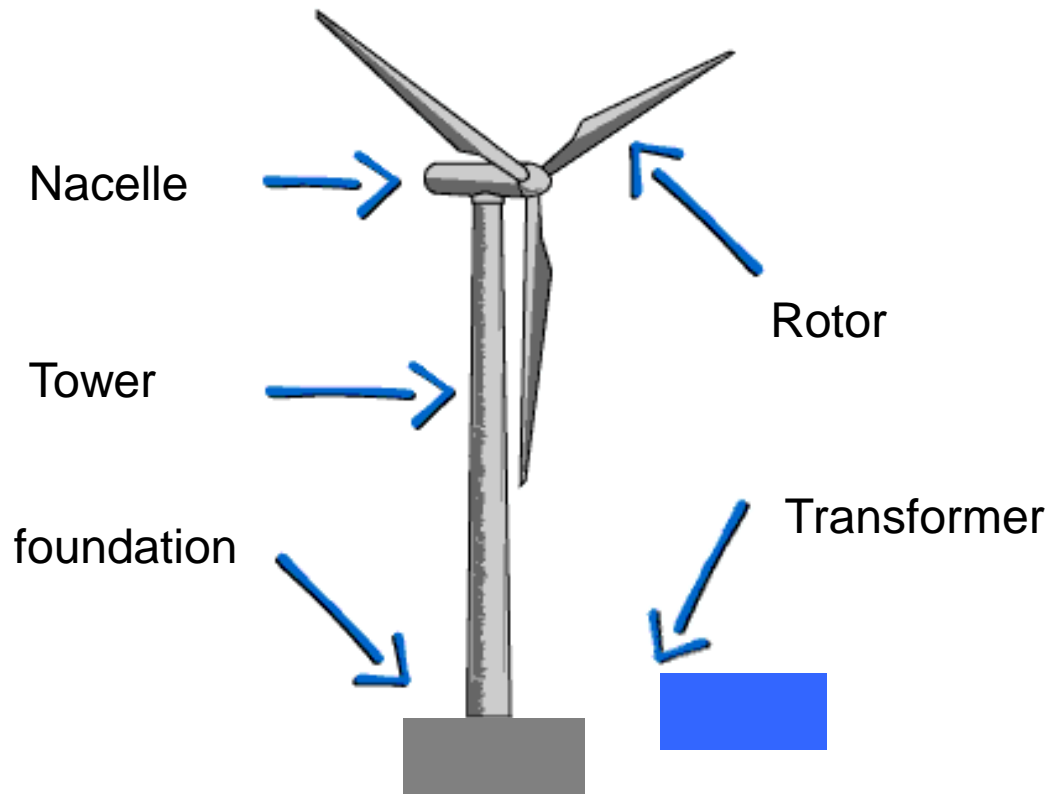
## Pros of wind power

- Clean
- Cheap to produce
- Renewable and an environmentally friendly resource
- Produces virtually no greenhouse gases
- Income for land owners

## Cons of wind power

- View (especially along coastlines)
- Not always reliable
- Noise
- Price depends on the size of the wind farm
- Supply depends on the weather

# Parts of a wind turbine



The wind turns the rotor of the wind turbine. The rotor turns a generator which then makes electricity.