



# A passion for clean energy

Kooragang Turbine Bid – Lessons Learnt  
Daniel MacDonald

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**CLEANaS**

CLEAN ENERGY  
ASSOCIATION OF  
NEWCASTLE AND  
SURROUNDS



A passion for **clean energy**

# Lighthouse Community Energy

- ✓ Solar Development and Power Purchase Agreement
- ✓ Investment Prospectus / Information Memorandum
- ✓ Corporate Structure Options
- ✓ Site Suitability Toolkit
- ✓ Financial Analysis Model
- ✓ Metering and Communication Systems Options Analysis
- ✓ Development Documents

Next Step – Public Fund

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LEADING TO A CLEANER,  
BRIGHTER FUTURE



# Kooragang Island Wind Turbine



# Turbine future in a spin

By **MATTHEW KELLY**  
Environment Reporter

NEWCASTLE'S wind turbine will be offered for sale, opening up the Kooragang Island land for a future coal-loader.

The 73-metre-high turbine was installed in 1997 as part of a push to promote the emerging green energy market. It was the first commercial wind generation project in Australia to be accredited under the former national GreenPower project.

Although much larger and efficient turbines now exist, the Kooragang turbine has continued to produce green energy as coal export infrastructure has been built around it over the past decade.

Its future has been in doubt since it was revealed two years ago that the turbine's concrete footings overlapped plans for a future ship turning bay or swing

products during the early days of the scheme."

The turbine generates about 900,000 kilowatt hours of renewable energy per year, or enough to power 150 homes for a year.

It clocked up 10 million kilowatt hours in mid 2009.

EnergyAustralia initially intended to install several turbines along the riverbank to take advantage of the favourable wind patterns in the area.

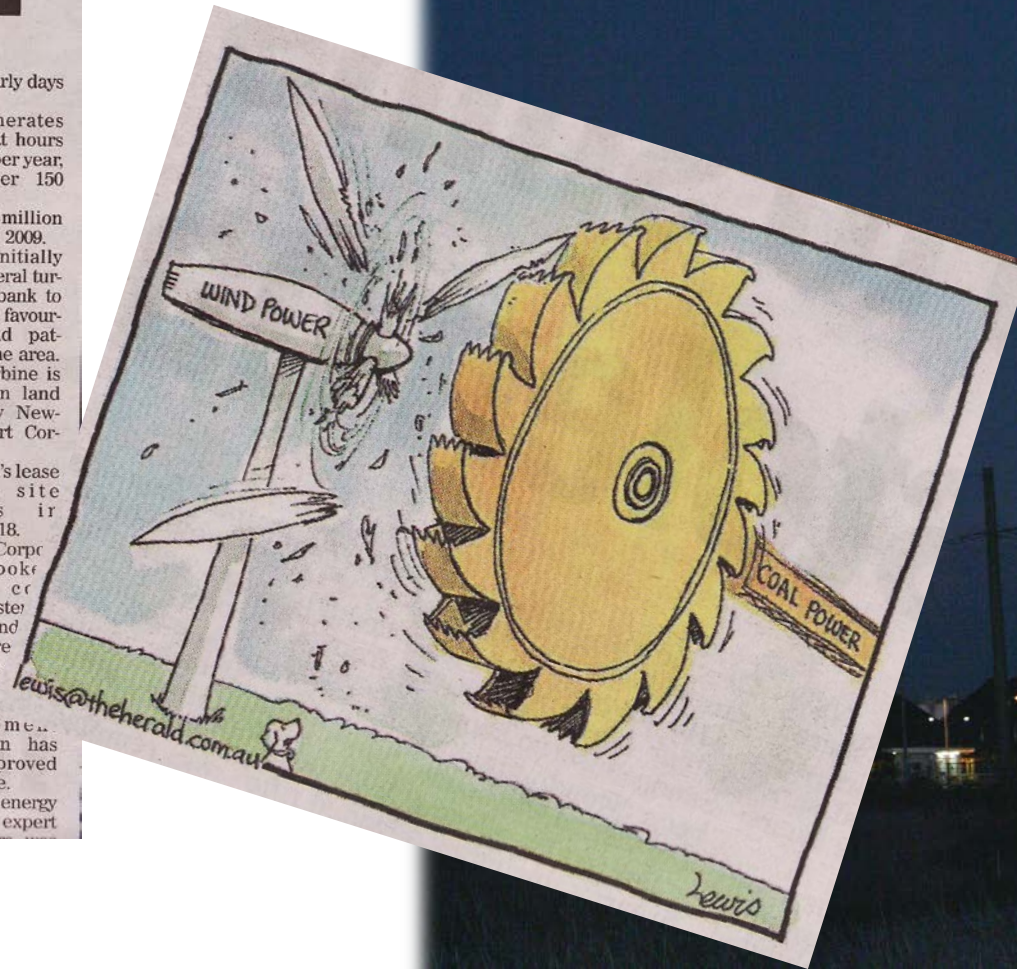
The turbine is located on land owned by Newcastle Port Corporation.

Ausgrid's lease on the site expires in August 2018.

A Port Corporation spokeswoman confirmed yesterday that the land will be required for the future development.

The development application has been approved for the site.

Ausgrid energy efficiency expert Paul...



# CLEANaS Bid Stakeholders



# Lessons

- ~ Look for the win, win, win
- ~ Understand motivations, share a vision
- ~ Work together, communicate
- ~ Mitigate risks you can control, Understand those you can't
- ~ Learn why you missed out, use for next time and share 😊



**Thank you**

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