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## Silverton Wind Farm

Community Consultative Committee Meeting | 22 November 2012

# Noise and wind farms

- > Presentation by Rhys Brown, Senior Engineer – Acoustics, AECOM

# Project update

## Expression of Interest

- > 5 entities have now been shortlisted from the original 9 responses received
- > This decision was based on a range of factors including:
  - > All have:
    - > Supplied turbines in Australia
    - > Constructed wind farms in Australia
    - > Operate and maintain wind farms in Australia
  - > Economic viability

## Request for Tender

- > Expected to be issued on Monday 3 December 2012
- > Tenders close on Friday 29 March 2013

# Project Update – sourcing sand and road base

- › Sand, Road Base materials, and concrete aggregate, and concrete is required
- › AGL is aiming to, where feasible, to minimise truck movements into the site
- › In October, an initial discussion was held with the Department of Primary Industries Catchments & Lands (Crown Lands)
  - › An extractive industry licence/s is required to extract sand from creek(s), and extract aggregate.
  - › Prior to obtaining the licence, a range of investigations are required
- › Sampling will be carried out at several locations to determine the suitability of the material

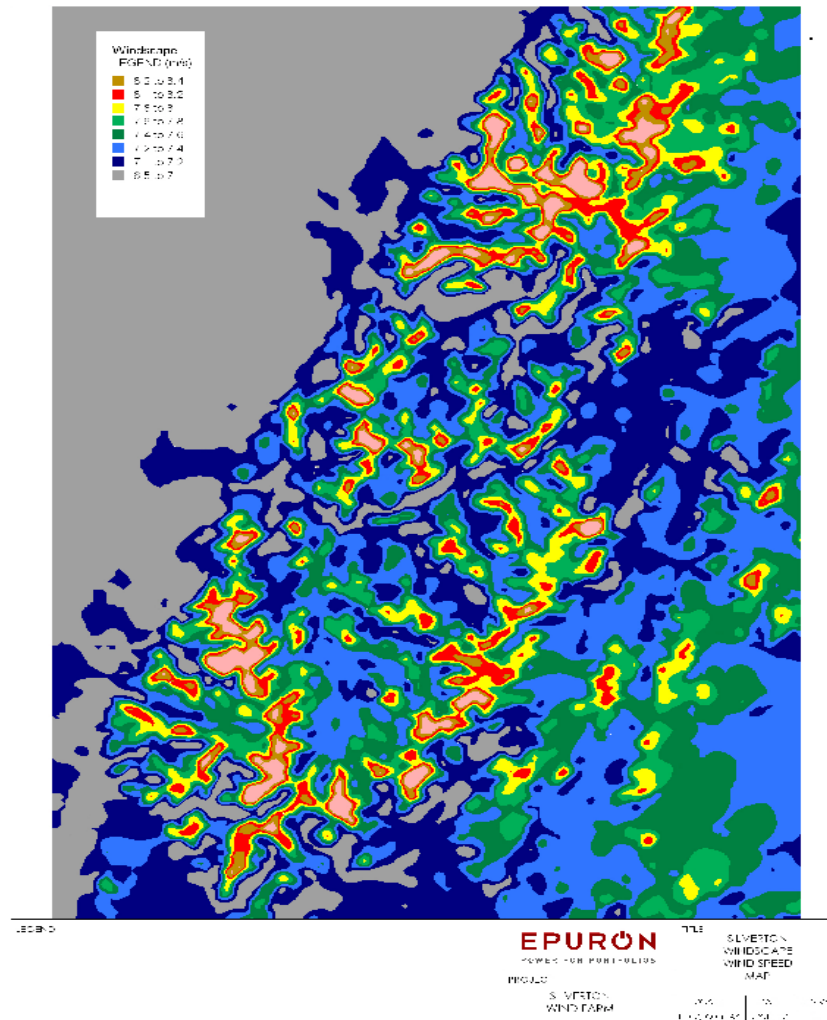
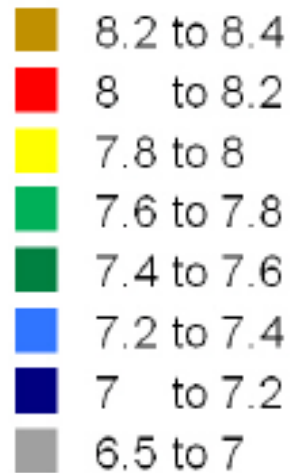


# Water - discussion

- › Stephen Bastian, Manager Planning and Design, Water - Essential Water

# Project Update – wind speed modelling

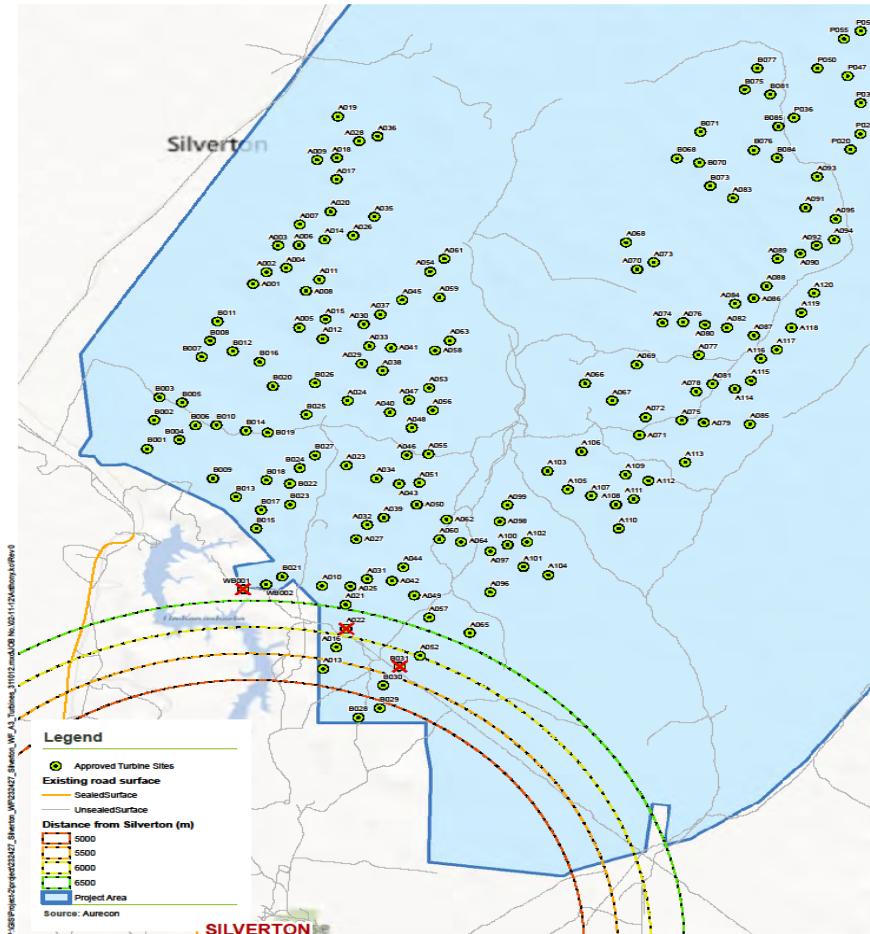
## Windscape LEGEND (m/s)



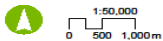
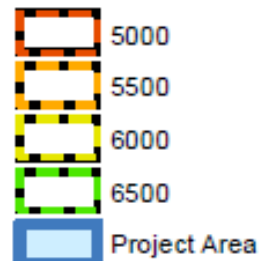
# Project update – turbine locations

aurecon

- > Tenderers will be asked for:
  1. Their best \$/ MWh price
  2. Options for having the following set back from the centre of Silverton:
    - > 5 km
    - > 5.5 km
    - > 6 km
    - > 6.5 km



## Distance from Silverton (m)



Projection: AGD 1966 AMG Zone 54

Silverton Wind Farm **Principal's Requirements**

FIGURE A3-2: Distance from town



# Project Update – clarification on oversized deliveries

- › The base of the turbine tower (the widest section) is approximately 4.5m wide
- › Note: the exact dimensions may vary slightly depending on the model used





# Next meeting and close

- > When do we want the next meeting to be held in the New Year?
- > What topics do we want to discuss?

