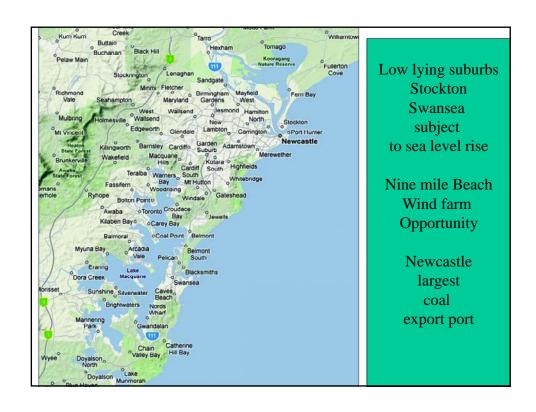
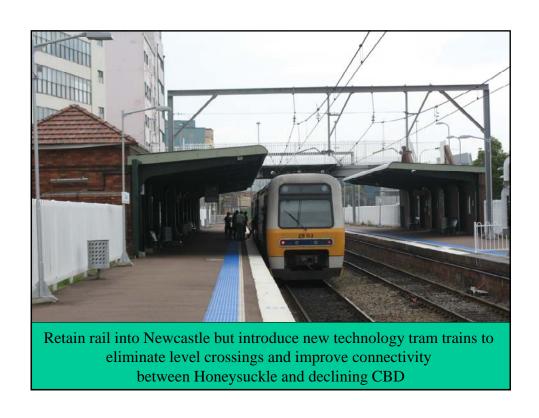
How Newcastle Australia might respond to climate change

Tony Proust Planner and Registered Surveyor

Issues

- Prepare for Peak Oil more sensible transport bus, rail, cycling
- Prepare for sea level rise in low lying suburbs
- 2007 saw 1:100 storm and flood combined with with king tide
- Four storey urban renewal along transport corridors to promote use of public transport
- Tram trains to rejuvenate Newcastle CBD
- Wind farms along the coast line
- Maximise use of solar energy and water tanks
- · Plan for zero emission housing
- · No new coal fired power stations
- Plan to reduce coal exports no more coal loaders



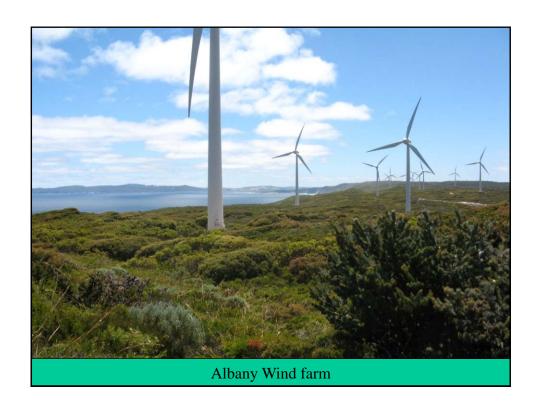






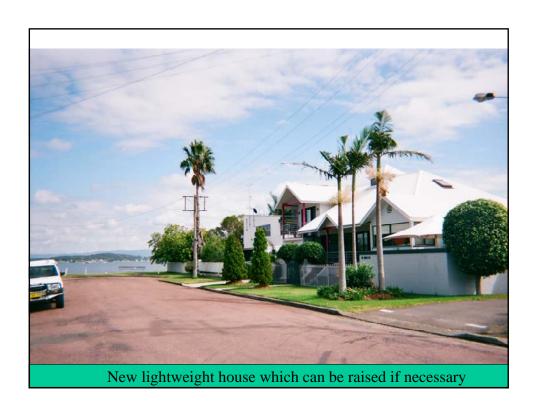














Existing houses in Hamilton which can be raised when required



Conclusion

- Plan for peak oil when the price of fuel will rise dramatically more cycling, walking
- Improve public transport tram trains for the Newcastle CBD
- Higher density housing along major bus corridors
- Wind farms and solar energy
- Prepare for rising sea levels
- We have time to adapt to the impact of climate change but we must start now