**Sustainable Development – Research**

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| Situation/ Proposal | Each pair will be given a situation or proposal for a development. You will need to investigate this proposal by examining articles, maps and relevant websites. Possible scenarios:* Coal Seam Gas mining in Dharawal
* New coal mines in the Hunter Valley
* Barangaroo redevelopment
* Removal of rail line and commercial development along Newcastle foreshore.
 |
| Context | Find out more about the location of the proposed development, particularly the ecological significance of the site. |
| Demographics and social issues | Explore the demographics of the surrounding area including any social issues impacting on residents. You might like to consider:* Employment rates
* Housing affordability
* Crime rates
* Education attainment, etc.
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| Environmental impacts of proposal | What are the possible impacts if this proposal is approved? Examine other locations where similar developments have taken place. What have been the impacts? |
| Make a decision | Consider the sustainable development model. How does this proposal address the 3 components of the sustainable development model? |
| Propose an alternative | Suggest changes to the proposal so that it could be considered to adequately address the sustainable development model. |

Homework:

Examine the Central Park development in Sydney. How has the design of the development tried to address the sustainable development model?

<http://centralparksydney.com/>

<http://www.abc.net.au/news/2010-02-08/central-park-for-sydney/324058>

<http://www.realestatesource.com.au/2-billion-central-park-unveiled-sydney.html>

**Coal Seam Gas mining in Dharawal**

<http://riverssos.org.au/2011/03/09/mining-threatens-national-park-plan-smh/>

<http://www.dailytelegraph.com.au/news/coal-seam-gas-drilling-plan-revived/story-e6freuy9-1226536417264>

<http://www.smh.com.au/opinion/the-question/is-coal-seam--gas-worth--the-risk-20110819-1j20j.html>

**New coal mines in the Hunter Valley**

<http://www.abc.net.au/news/2012-10-29/new-report-highlights-health-fears-for-hunter-valley/4338446>

<http://www.theaustralian.com.au/news/breaking-news/hunter-locals-angry-at-coal-mine-approval/story-fn3dxiwe-1226492228409>

<http://nonewcoal.greens.org.au/mines-by-region/hunter>

<http://www.riotintocoalaustralia.com.au/ouroperations/3453_hunter_valley_operations_3579.asp>

**Barangaroo redevelopment**

<http://www.barangaroo.com/>

<http://www.cityofsydney.nsw.gov.au/Development/UrbanRenewalProjects/Barangaroo.asp>

<http://www.smh.com.au/nsw/state-election-2011/lastditch-law-change-clears-barangaroo-20110302-1bey5.html>

<http://www.barangarooaction.com.au/page/newsletter.html>

**Removal of rail line and commercial development along Newcastle foreshore.**

<http://www.abc.net.au/local/stories/2008/12/02/2435448.htm>

<http://saveourrail.org.au/?p=478>

<http://www.theherald.com.au/story/1179216/rail-removal-seen-as-game-changer/>

<http://www.maitlandmercury.com.au/story/968881/gone-our-rail-link-with-newcastle-to-end-at-wickham/>

<http://zane4newcastle.wordpress.com/2013/01/13/ten-reasons-cutting-the-newcastle-rail-line-stinks/>