



Mobile Crowdsourcing Older Peoples Opinions To Enhance Liveability in Regional City Centres

Never Stand Still

Built Environment

City Futures Research Centre

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Family &
Community Services
Ageing, Disability & Home Care



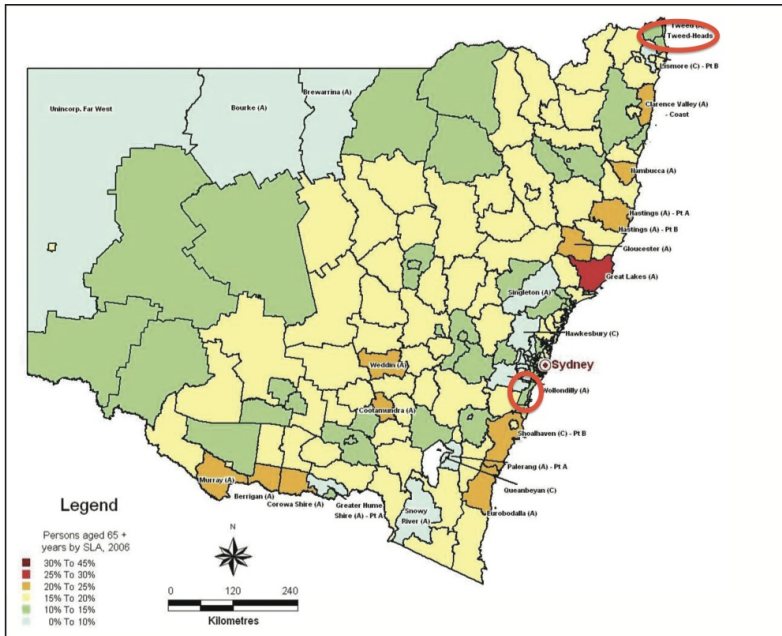
- It is predicted (UN ESA 2002) that people over 60 will make 21% of the population compared with a year 2000 figure of 10%
- Increase in the older people demographic is particularly significant in regional cities like Tweed Heads, Dubbo and Wollongong



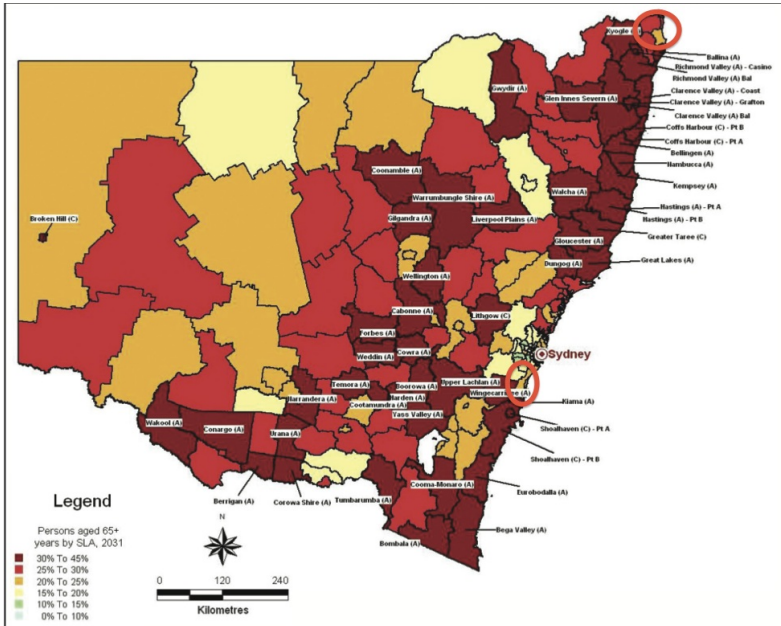
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2006 65+ Demographic



Predicted 2031 65+ Demographic





- Lack of mobility leads to isolation which is a precursor for depression
- How can the built environment support continued community living for the aged?
- Difficulty in getting around due to factors that are not obvious
 - ▶ Inability to speak - can't ask for directions
 - ▶ Sciatica - Restricted movement means can't step over curb or up stairs
 - ▶ Blindness
- Using mobile devices we can gather data to gain a different perspective



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Four types of objects with subtypes

- Space

- ▶ Park
- ▶ Town Hall
- ▶ Plaza

- Link

- ▶ Road
- ▶ Footpath
- ▶ Bridge

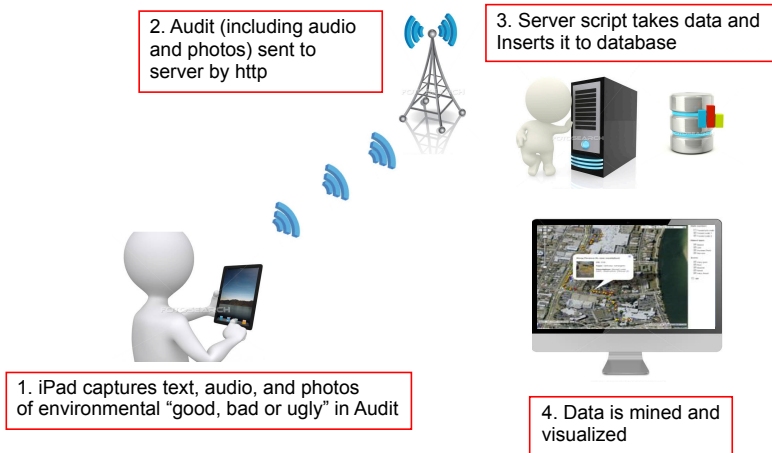
- Service

- ▶ Automatic Teller Machine
- ▶ Public Toilets
- ▶ Bike Rack

- Access Point

- ▶ Revolving Door
- ▶ Gateway
- ▶ Turnstyle







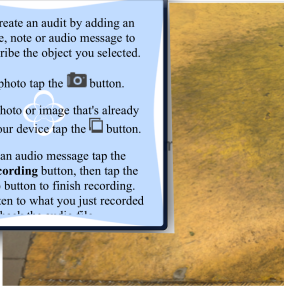
Colour Indicated Kerb Ramps



Carrier 2:44 PM 100%

Details Help Add General Audit Submit

- You can create an audit by adding an image, score, note or audio message to further describe the object you selected.




- To take a photo tap the  button.
- To use a photo or image that's already stored on your device tap the  button.
- To record an audio message tap the circular **Recording** button, then tap the square **Stop** button to finish recording. You can listen to what you just recorded



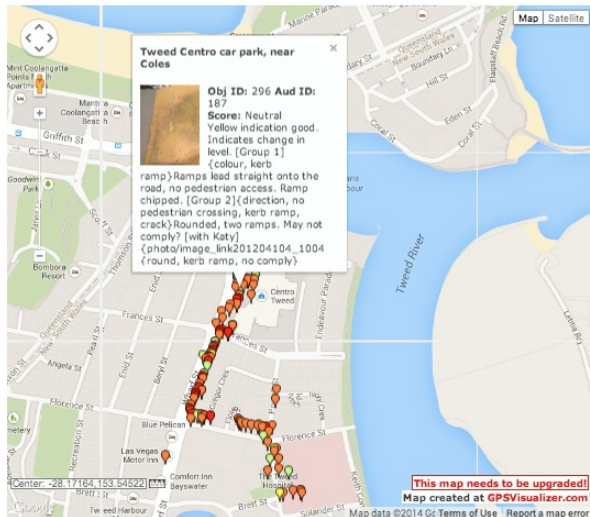
 


My rating: Very Poor Poor Neutral Good Very Good

Notes: Yellow indication good. Indicates change in level [Group1]{colour kerb ramp} Ramps lead straight onto the road, no pedestrian access. Ramp chipped. [Group 2] {direction, no pedestrian crossing, kerb ramp, crack} Rounded, two ramps. May not comply? {with Katy} [photo/image_link.jpg]{round, kerb ramp, no comply}

Audio:   

Website Interface



 expense of traffic though. [Group 1]{no pedestrian crossing}

 Cnr of Powell St and Ivory Cres



Obj ID: 295 Aud ID: 186
Score: Bad
Trip Hazard. Does appear to be noted by council. [Group 1]{trip, service cover, council noted}

 Tweed Centro car park, near Coles




Obj ID: 296 Aud ID: 187
Score: Neutral
Yellow indication good. Indicates change in level. [Group 1]{colour, kerb ramp}Ramps lead straight onto the road, no pedestrian access. Ramp chipped. [Group 2]{direction, no pedestrian crossing, kerb ramp, crack}Rounded, two ramps. May not comply? [with Katy]

{photo/image_link201204104_100492.jpg (round, kerb ramp, no comply)}

 Crossing Wharf St from Tweed Centro



Obj ID: 300 Aud ID: 188
Score: Bad
Lack of safe crossings [Group 2]{no pedestrian crossing}

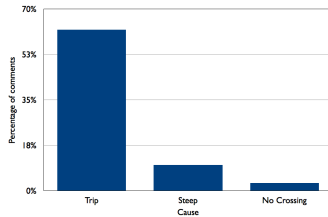
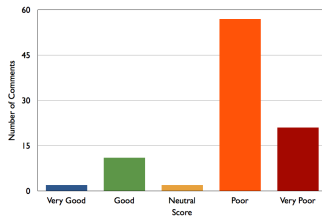
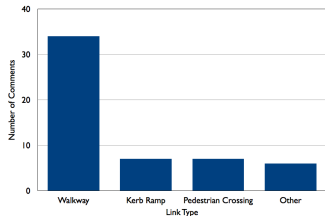
 Along Wharf St, near Shell



Obj ID: 302 Aud ID: 169
Score: Bad
Car obstructing walkway. No shade. [Group 2] (temporary obstruction, not

Reports

- See major causes of concern
- Identify urban design that facilitates and is appreciated
- Fuel new ideas for urban development
- Assess the success of development projects



Conclusion

- Encourage active participation to age in place
- Enhance social sustainability
- Plan a better environment for ageing residents
- Prioritise expenses



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