

Climate Action Factsheet

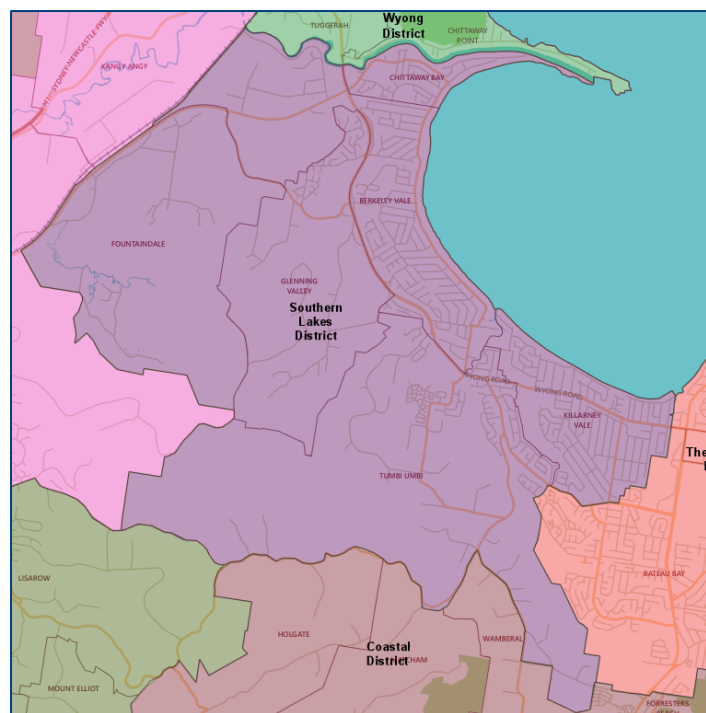
Southern Lakes Planning Area

#CentralCoastCAP

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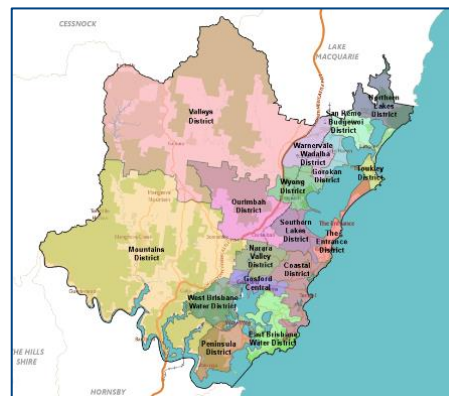
Where are we?

Southern Lakes planning area is bounded by Ourimbah Creek in the north, Tuggerah Lake, Saltwater Creek, McLean Street, Kathleen White Crescent, McColl Park, Castlereagh Crescent, Eastern Road, Sherry Street and the suburb of Bateau Bay in the east, the suburbs of Forresters Beach and Wamberal, Tanderra Road, Tumbi Road, The Ridgeway and Cutrock Road in the south, and the locality of Ourimbah, Peach Orchard Road, Enterprise Drive and the railway line in the west.



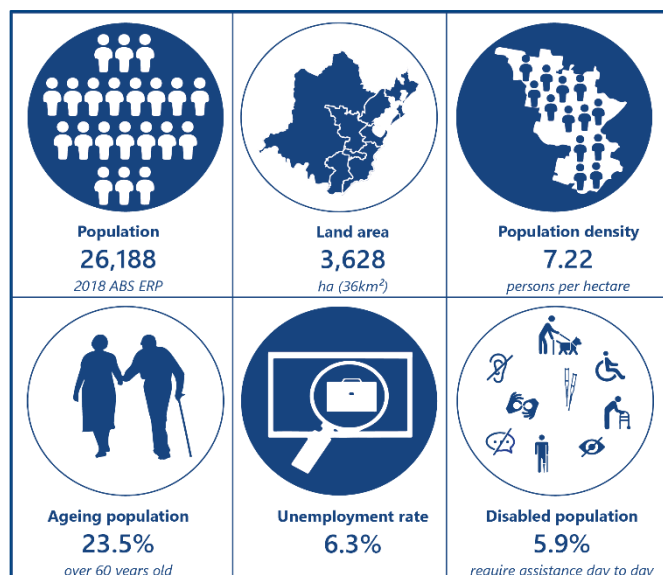
Suburbs

Southern Lakes planning area encompasses the localities of Berkeley Vale, Chittaway Bay, Fountaindale, Glenning Valley, Killarney Vale and Tumbi Umbi.

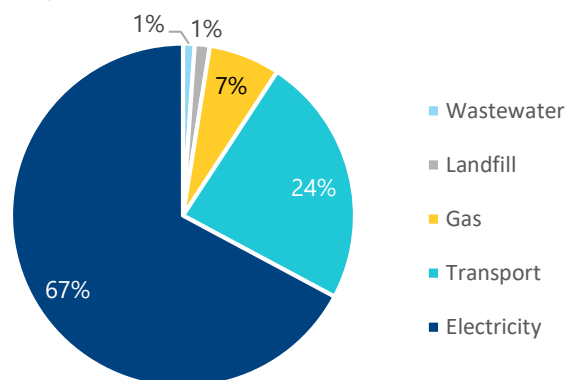


Who are we?

When considering how we plan for Climate Change, we must ensure all walks of life are considered. Some of these considerations are:



Southern Lakes Emissions Profile 2016/2017



379,011 tCO₂-e

10% of the Central Coast region's total emissions

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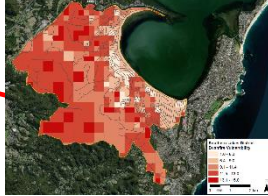

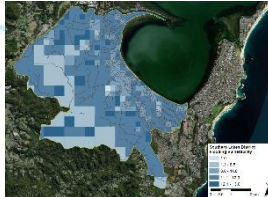

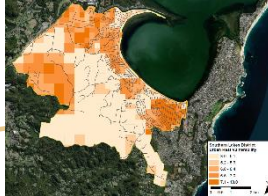

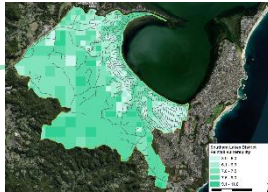

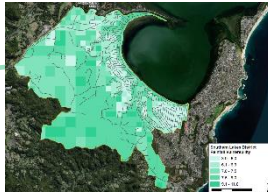
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Climate Impacts in Southern Lakes Planning Area

The following impacts have been identified for Southern Lakes and surrounding areas. Some of these impacts are already being experienced, with increases expected in the future:

	<p>Bush Fire Increased fire risk during spring and summer due to higher temperatures and less overall rainfall.</p>	
	<p>Rainfall and flooding Overall rainfall will decrease however more intense rainfall events will occur, resulting in more frequent flooding. Impacts include flash floods and catchment flooding, increased need for emergency response and recovery, damage to infrastructure, buildings and facilities, community anxiety and damage to natural assets.</p>	
	<p>Sea Level Rise A rise in sea levels affecting low-lying coastal areas due to added water from melting ice sheets/glaciers and the expansion of sea water as it warms. Impacts include coastal recession and erosion, asset damage, loss of coastal and estuarine ecosystems.</p>	
	<p>Urban heat Increase in average and extreme temperatures with prolonged heatwaves. Impacts include human and livestock health, changes to bushfire behaviour and seasonality, increased building operational costs and asset deterioration.</p>	
	<p>Water availability Less overall rainfall. Impacts include fluctuations in water supply for drinking, irrigation and industrial use, as well as more pronounced flooding and drying cycles leading to drought.</p>	

Climate Action

Actioning climate impacts on the Central Coast has the potential to:

- Strengthen community resilience to climate hazards and natural disasters
- Help natural areas and ecosystems
- Reduce greenhouse gas emissions
- Lower Council's long-term infrastructure costs
- Improve community wellbeing
- Lead energy efficiency and energy security initiatives
- Develop new industries
- Identify climate action measures into policies, strategies and planning



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