



SCIENCE AND
INDUSTRY
ENDOWMENT
FUND



STEM Community Partnerships Program

Canterbury Bankstown local scenario

Transport

To be a community that supports the wellbeing of its inhabitants, City of Canterbury Bankstown works with the State and National government bodies to implement and oversee a range of initiatives that lead to the safe and free flowing movement of people. Given the geographically central location of the Council region, Canterbury Bankstown transport infrastructure does not only serve local residents, but also supports the Greater Sydney movement network.

The NSW Government is aiming to provide a 30-minute city where people can reach their nearest metropolitan and strategic centres within 30 minutes, seven days a week by public transport. This involves developing public transport links and fostering a diverse range of industries and ensuring there are adequate public transport links to local training and job opportunities.

The most recent Census shows that in City of Canterbury Bankstown, 22% of the employed population travelled to work using public transport (compared to 16% in NSW) and 60.1% travelled in a car (compared to 64.6% in NSW).¹ The Council has developed a 20-year strategic plan called Connective City 2036 which aims to reduce car use to work by 50%, improve public transport use and increase cycleways within the City. Upgrades to the train line between Sydenham and Bankstown to metro standards will also see residents benefit from a Sydney Metro train every four minutes in peak periods.

With the arrival of new transport connections and development of technology advances in driverless cars, new fuels to power cars and other vehicles, as well as changes in transportation trends and remote working as a result of COVID-19, the next Census results may be quite different.

How your Council tackles the complexity of this issue impacts you and your community now and in the future.



Bankstown Complete Streets issue

Your task

Your task is to use the information above and resources provided below as a start to identify a local problem and design a STEM-focussed solution.

(Question, Design, Explore, Communicate)

Resources

CSIRO research

- Global megatrends report, April 2010 <https://csiropedia.csiro.au/megatrends-and-megashocks-a-new-view-of-our-future-world/>
- National Hydrogen Roadmap <https://www.csiro.au/en/work-with-us/services/consultancy-strategic-advice-services/csiro-futures/futures-reports/hydrogen-roadmap>

Reports

- Bankstown Complete Streets, issue, June 2019 [https://issuu.com/roberts-day-global/docs/190328 - ccb com - masterplan maste](https://issuu.com/roberts-day-global/docs/190328_-_ccb_com_-_masterplan_maste)
- Three cities for Sydney: Unlocking Sydney as a global gateway with three CBDs <https://future.transport.nsw.gov.au/designing-future/three-cities-for-sydney>
- Planning for rail services west of Bankstown Station in 2024, Transport for NSW, December 2020, <https://yoursay.transport.nsw.gov.au/west-of-bankstown>
- Have your say on the Canterbury-Bankstown active transport plan, Bicycle Network, January 2021 <https://www.bicyclenetwork.com.au/newsroom/2021/01/27/have-your-say-on-the-canterbury-bankstown-active-transport-plan/>

Articles

- Sustainable transport in cities <https://www.carbontrust.com/news-and-events/insights/sustainable-transport-in-cities>
- 5 Sustainable Transport Options to Watch In 2019 <https://www.triplepundit.com/story/2019/5-sustainable-transport-options-watch-2019/82201>
- How digital twins of cities can help to improve urban mobility, January 2021 <https://blog.ptvgroup.com/en/city-and-mobility/digital-twins-urban-mobility/>
- How close is Sydney to the vision of creating three 30-minute cities? The Conversation, May 2019 <https://theconversation.com/how-close-is-sydney-to-the-vision-of-creating-three-30-minute-cities-115847>
- Canterbury Bankstown Travel to work data <https://profile.id.com.au/canterbury-bankstown/travel-to-work>