



SCIENCE AND
INDUSTRY
ENDOWMENT
FUND



STEM Community Partnerships Program

Camden local scenario

Transport

To support the wellbeing of its residents, Camden Council works with the State and National government bodies to implement and oversee a range of initiatives that lead to the safe free flow movement of people.

In Camden this includes provisions for pedestrians, cyclists, drivers, those using public transport and those in disadvantaged groups.

The NSW Government aims to provide a 30-minute city for all Sydney residents by developing rail links with bus connections and providing work opportunities in the area. They are also building a new international, world-class 24 hour airport in Western Sydney which expects 80 million passengers per annum¹. These new precincts will provide a location for additional freight and supply network and those roles associated with that. It will bring employment in aviation, aerospace, defence industries and manufacturing together with the ongoing training and services for these roles.

The most recent Census shows that in Camden 5.7% of the employed population travelled using public transport (16% in NSW) and 78% travelled in a car (64.6% NSW).²

With the arrival of new transport connections and development of technology advances in driverless cars and other vehicles, the next census results may be quite different.

How your Council tackles the complexity of this issue will impacts you now and future generations.



Photos courtesy of Western Sydney Organisation of Councils, SMH and Camden Advertiser

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)

1. Department of Infrastructure, regional Development and Cities report <https://westernsydneyairport.gov.au/files/eis/2015/02-volume-1-executive-summary.pdf>
2. Census 2016 http://quickstats.censusdata.abs.gov.au/census_services/getproduct/census/2016/quickstat/SSC10770?opendocument

Resources

CSIRO research

Global megatrends: <https://publications.csiro.au/rpr/download?pid=csiro:EP126135&dsid=DS2>

Reports

- Census 2016 travel to work: http://quickstats.censusdata.abs.gov.au/census_services/getproduct/census/2016/quickstat/SSC10770?opendocument
- Australian Government Department of Infrastructure, Regional Development and Cities: <https://westernsydneyairport.gov.au/>
- Australian Government City Deals: <https://citydeals.infrastructure.gov.au/western-sydney>
- Macarthur disability transport options 2015: [file:///C:/Users/sta385/Downloads/2015MACARTHURTRANSPORTOPTIONSPDF360KB%20\(2\).pdf](file:///C:/Users/sta385/Downloads/2015MACARTHURTRANSPORTOPTIONSPDF360KB%20(2).pdf)
- Camden Council Integrated Transport: <https://www.camden.nsw.gov.au/resident-information/traffic-and-transport/transport/>

Articles

- Camden Council Traffic and transport: <https://www.camden.nsw.gov.au/resident-information/traffic-and-transport/>
- Badgerys Creek precinct: <https://www.theherald.com.au/story/5644592/newcastle-university-looks-to-western-sydney/>
<https://www.illawarramercury.com.au/story/5644607/uow-part-of-super-campus-taking-flight-at-badgerys-creek/>
<https://www.abc.net.au/news/2017-03-15/nsw-first-stem-school-to-be-launched-in-2019/8355806>
<https://www.smh.com.au/politics/federal/gladys-berejiklian-targets-us-defence-giants-for-badgerys-creek-airport-20180226-p4z1qu.html>
<https://www.bluemountaingazette.com.au/story/5265583/city-deal-wont-stop-airport-opposition-blue-mountains-mayor/>
- Camden Advertiser, March 16, 2021: <https://www.camdenadvertiser.com.au/story/7168560/west-sydney-airport-city-named-bradfield/>