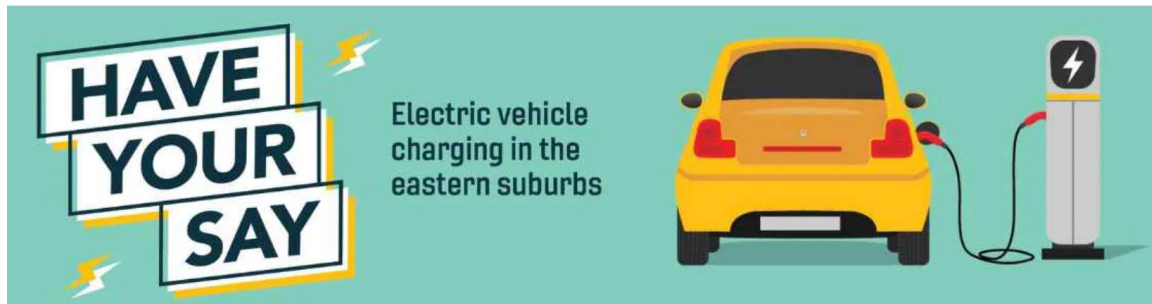




Electric Vehicle Charging – Community Survey



Description

The Eastern Suburbs Electric Vehicle (EV) Charge Station Survey was developed by the three council's Regional Environment Program and conducted online from 31 July – 3 September 2021. The survey was promoted through several communication channels.

Respondent profile

There were 1,363 unique visits to the survey website and 1,186 respondents. There was good representation of respondents who lived and/or worked in the Eastern Suburbs and from the various suburbs.

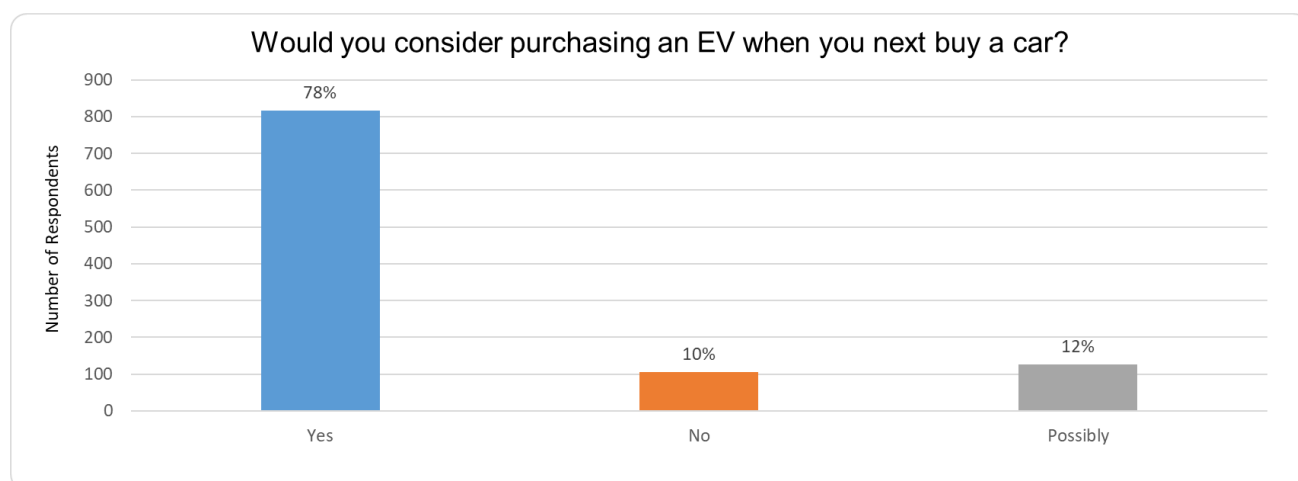
Main Findings

Interest in purchasing an electric vehicle

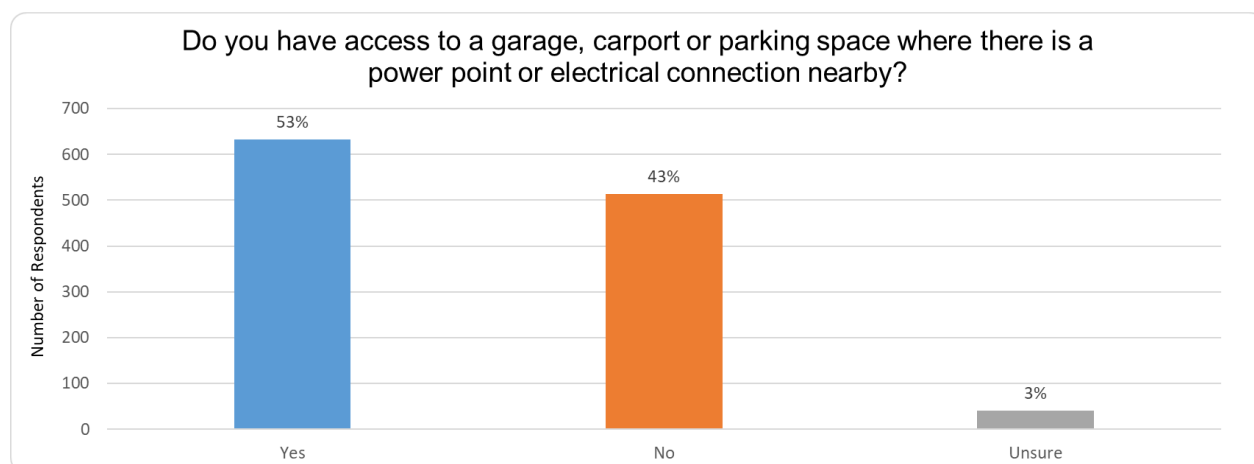


Most respondents were looking at purchasing a new car in the next 1 to 5 years.

There was strong interest in purchasing electric vehicles. More than 3 quarters of respondents (78%) said they would consider purchasing an EV in their next car purchase. A further 12% per cent said they were possibly interested in doing so. Only 10% would not consider buying an electric car with their next car purchase.

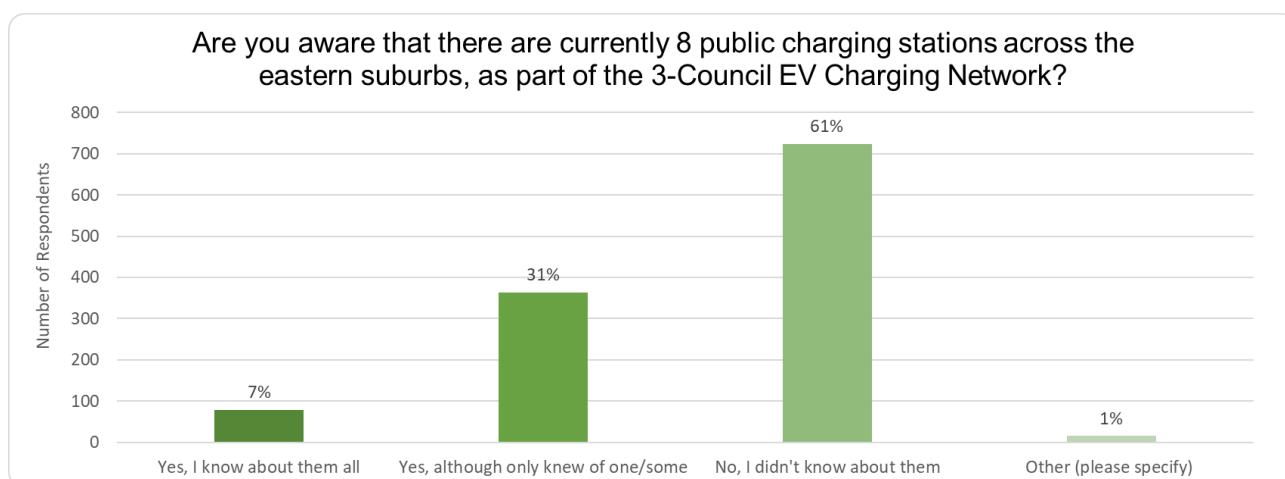


Access to home charging



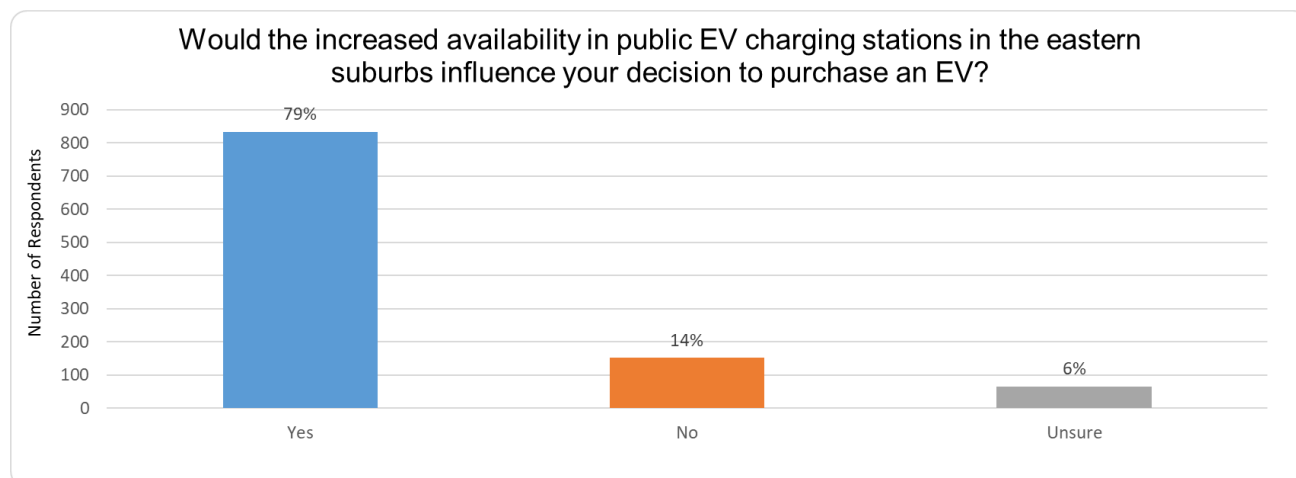
53% of the respondents reported that they had a garage or carport at home where they could charge it. 43% of respondents do not have access to private charging facilities.

Awareness of current public EV charging stations



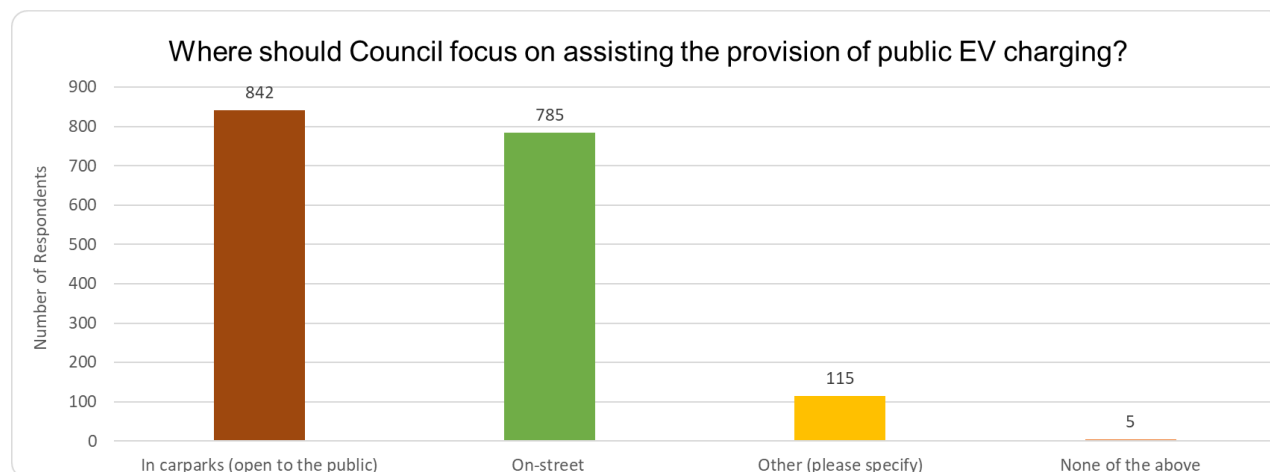
Only 7% of respondents were aware of all the eight EV public charging stations located across the Eastern Suburbs as part of the 3-Council EV charging network. Approximately one third of respondents (31%) knew of at least one station. Unfortunately, 61% of participants did not know about the stations.

Impact of public charging infrastructure on electric vehicle uptake



Most respondents (79%) reported that they would consider purchasing a hybrid or electric vehicle if there were more public charging stations available.

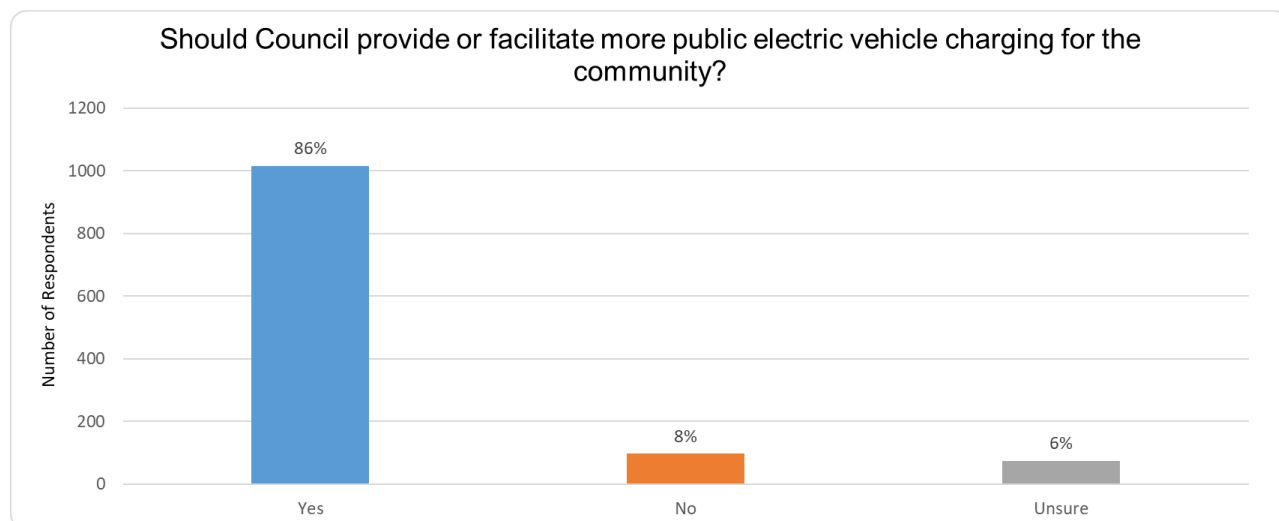
Suggested charging station locations



Respondents were asked to nominate a specific location they would like to see future charging stations in. Overall, most respondents would like to see EV stations in carparks that are open to the public and on the street. Feedback provided on specific locations will be used, together with technical data, to determine best locations for future charging stations.

Council's role in rolling out more EV charging stations

Overwhelmingly, 86% of respondents said Council should facilitate access to public charging stations. 6% of respondents were undecided and 8% were opposed to Council having a role in facilitating this. There were some different perspectives around the total numbers of chargers required as EV uptake increases and Council's role in rolling out the charging network across the Eastern Suburbs.



What is next?

The three Councils Regional Environment Program will use data collected through this and previous surveys as well as technical data to inform the location of future EV charging stations and policy measures.

This information will also be used in the development of a regional EV charging strategy which will be available by mid-2022.

Any questions please contact Anthony Weinberg Regional Environmental Program Manager via email Anthony.weinberg@waverley.nsw.gov.au