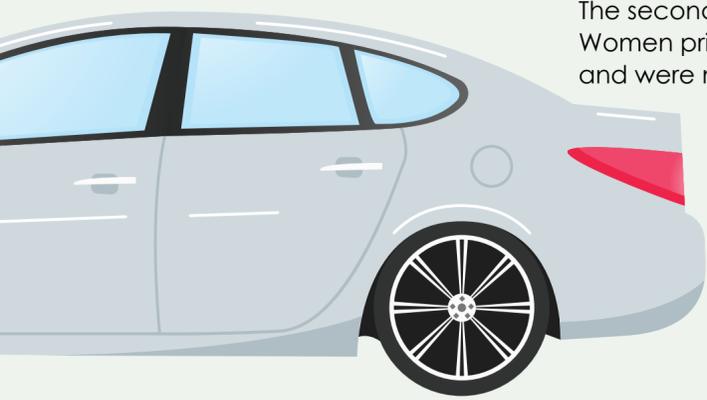


Putting EV owners' needs in charge of chargers

EV owners are on average having to wait their turn to charge on 14 % of visits, for an average wait of between nine and 12 minutes. These owners want more chargers installed at the charging station to alleviate congestion.



For many the most important factor is an operational charger, especially for long distance travellers. Imagine you get there and it is out of action, you would be stuck with insufficient range to get back or go on.



The second-most important issue for men was locating the chargers close to a main route. Women prioritized high visibility to increase their personal security while waiting to charge and were more content to drive further off the main route to charge if necessary.

Proximity to shops and food, also a favourite for men, and a public toilet, especially for women, were less important.



“If parking is at a premium, and the charger is key to getting home, it's frustrating to find an ICE owner has taken the only charging spot in the vicinity”



The more we know about the developing issues, the better placed we are to lobby for them to be corrected.



Survey Definition

We first invited members of the 'Otago EV Owners group' to do the experiment and survey in December 2017 by clicking on a link in the Facebook post. The same invite was extended later in December to EV members in other regions by posting (i) on the NZ EV Owners group , (ii) on Flip the Fleet's Discussion page, and (iii) an item in December's monthly update emailed to all Flip the Fleet members.

The choice experiment and survey were fully completed by 108 BEV owners , comprised of 83 men and 25 women, and mainly of BEV owners between 35 and 64 years old.

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