

Glen Eden Micromobility Hub

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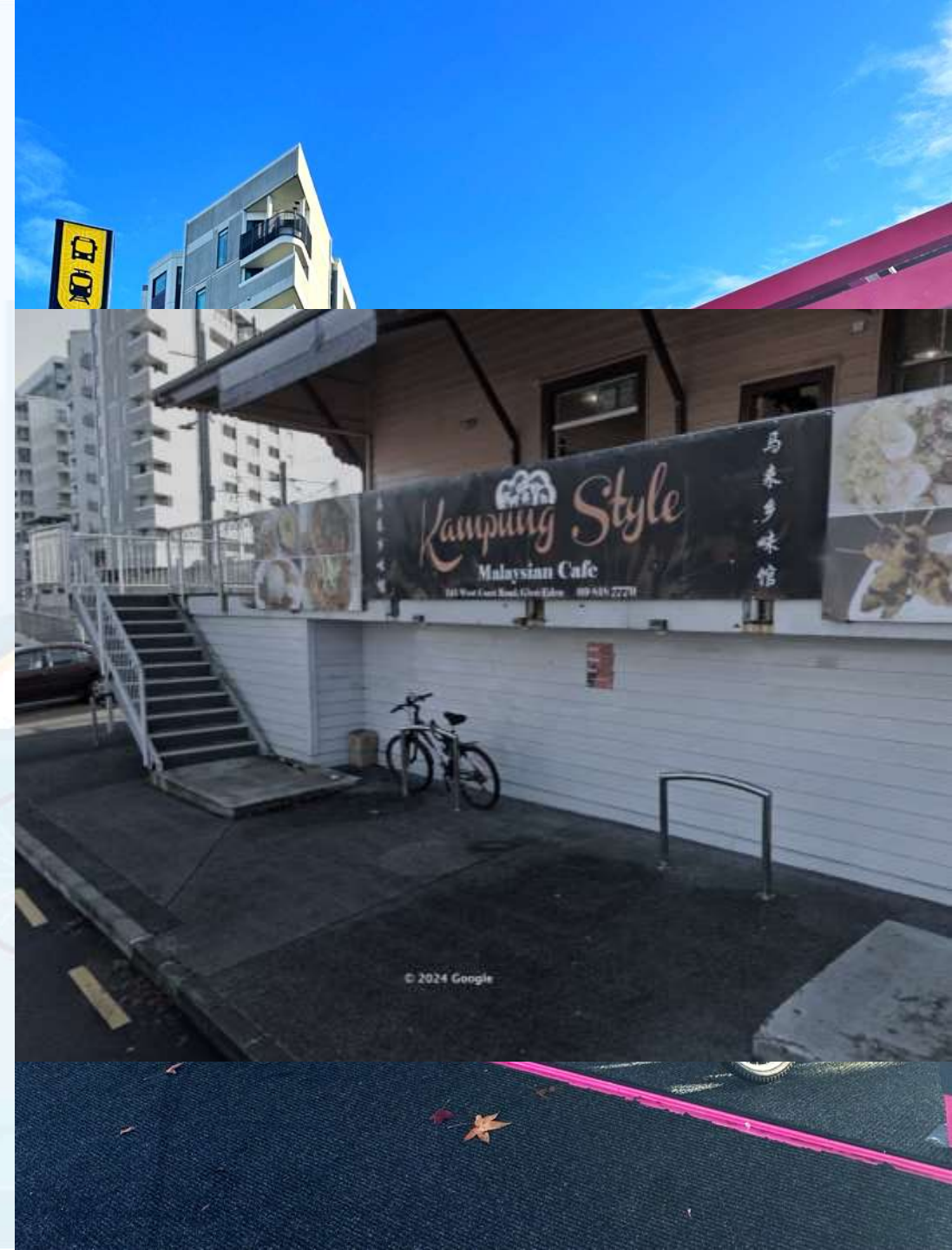
Creative Arts and Industries

Waipapa Taumata Rau | University of Auckland



LOCKY DOCK

- Enhancing access in underserved communities
- Reallocating of car parks to footpaths
- Art workshops and community events
- Diversified transport choices
- Public <-> Private data sharing
- Data-driven policy making





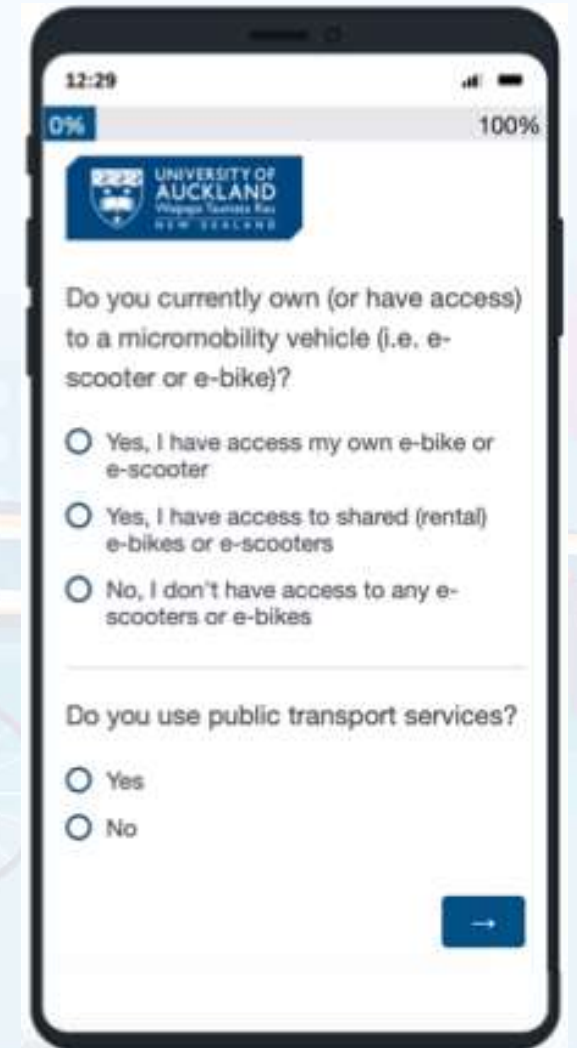


Infrastructure



Data Collection

Pre/post-pilot survey

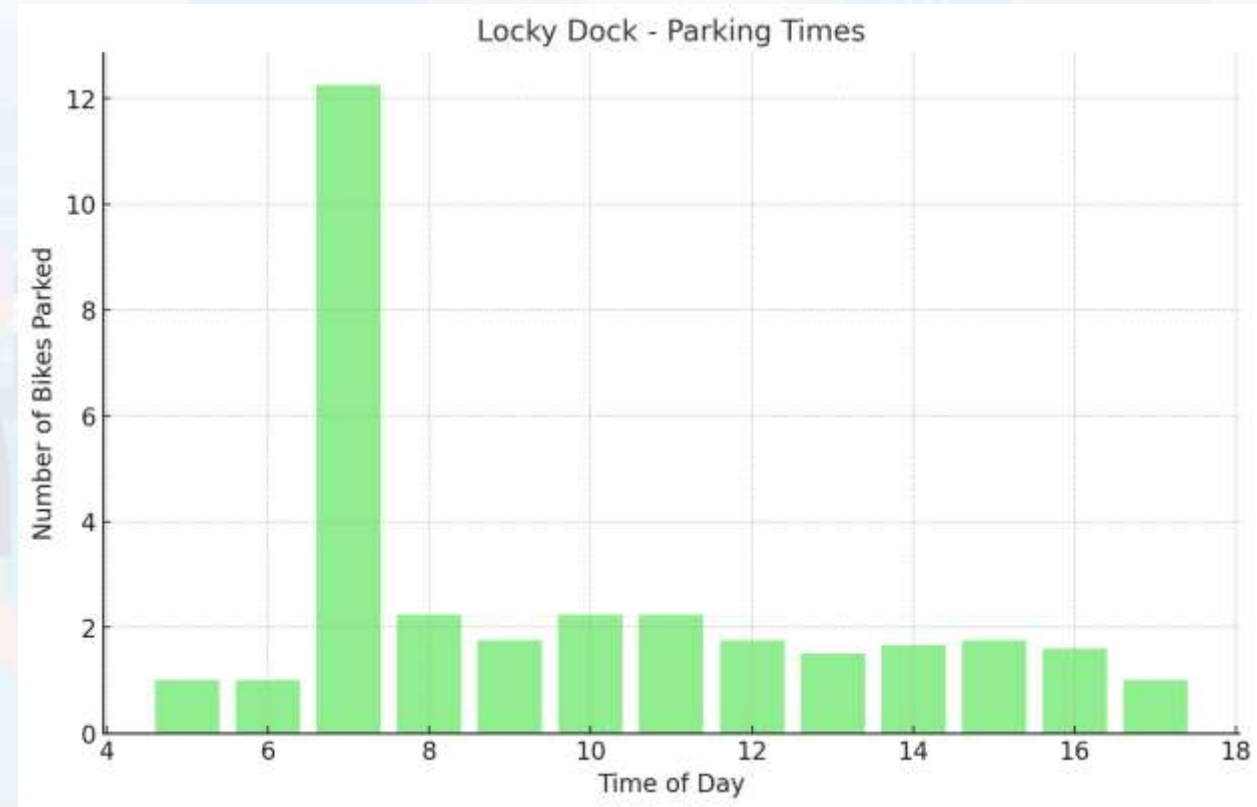
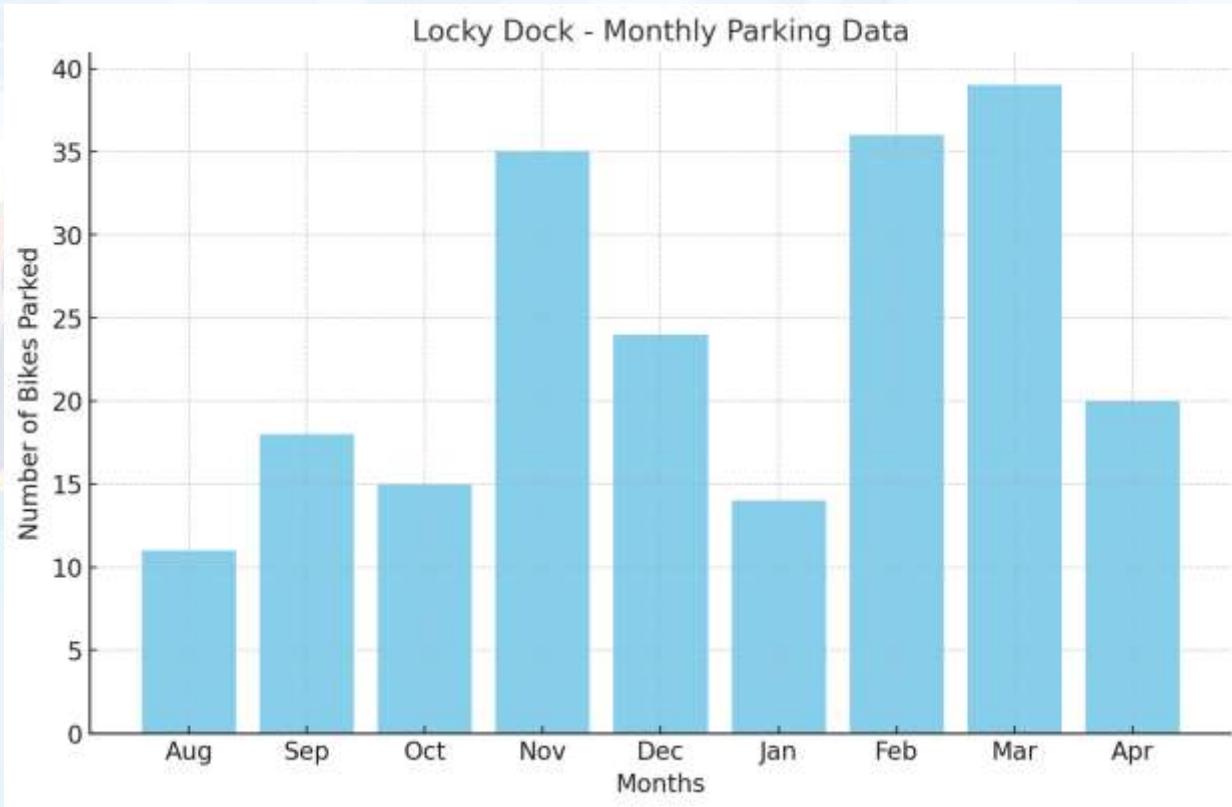


Community Engagement

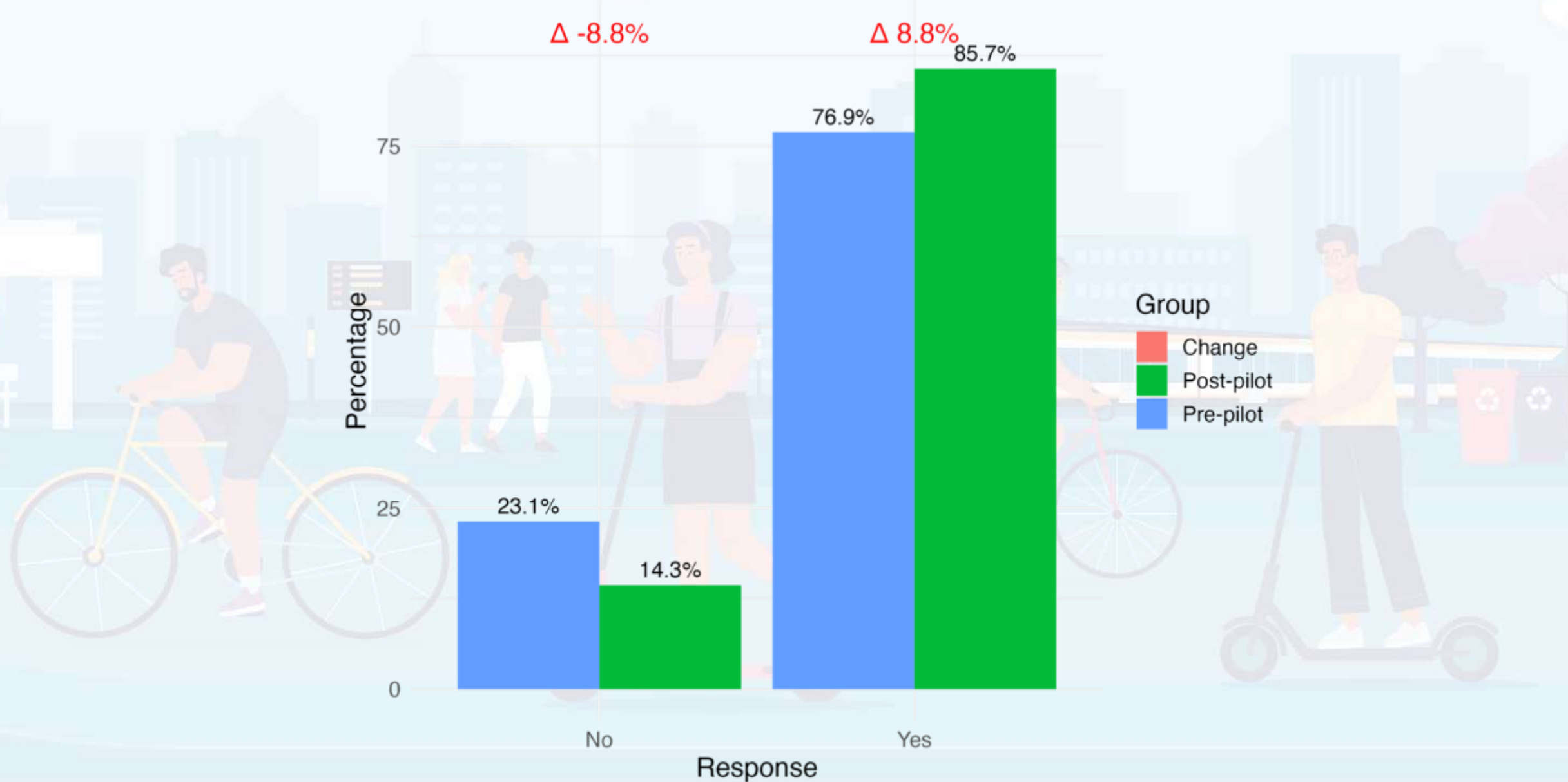


Utilisation

- Mostly commuters with 7 am being a key parking start time and an average duration of 7.57 hours
- Scooter dock under-utilised but did see a spike in November.



Would you be willing to use an e-bike or e-scooter?





191 Bikes & Scooters Docked

From Aug 2023 to Apr 2024



382 Car Trips Reduced

Travelling to/from
Glen Eden Train Station



687kg of CO₂

Emissions Avoided¹²
Equivalent carbon sequestration
of 32 mature trees over 12 months³

1. 0.264kg CO₂ emitted per vehicle kilometre (Ministry of Environment 2020)
2. Auckland average car trip of 10km (NZ Household Travel Survey 2018-2021)
3. Excerpt: <https://www.eea.europa.eu/articles/forests-health-and-climate-change/key-facts/trees-help-tackle-climate-change>