GREENIUS

Pioneering Sustainable Urban Mobility

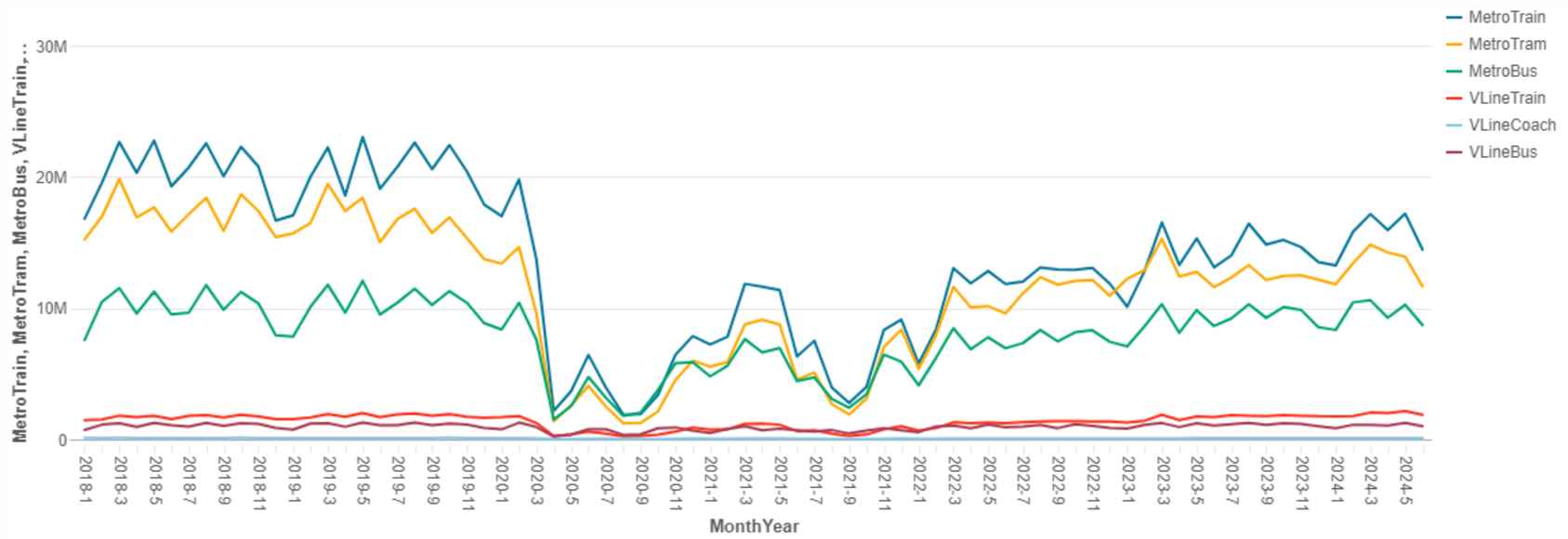
Problems

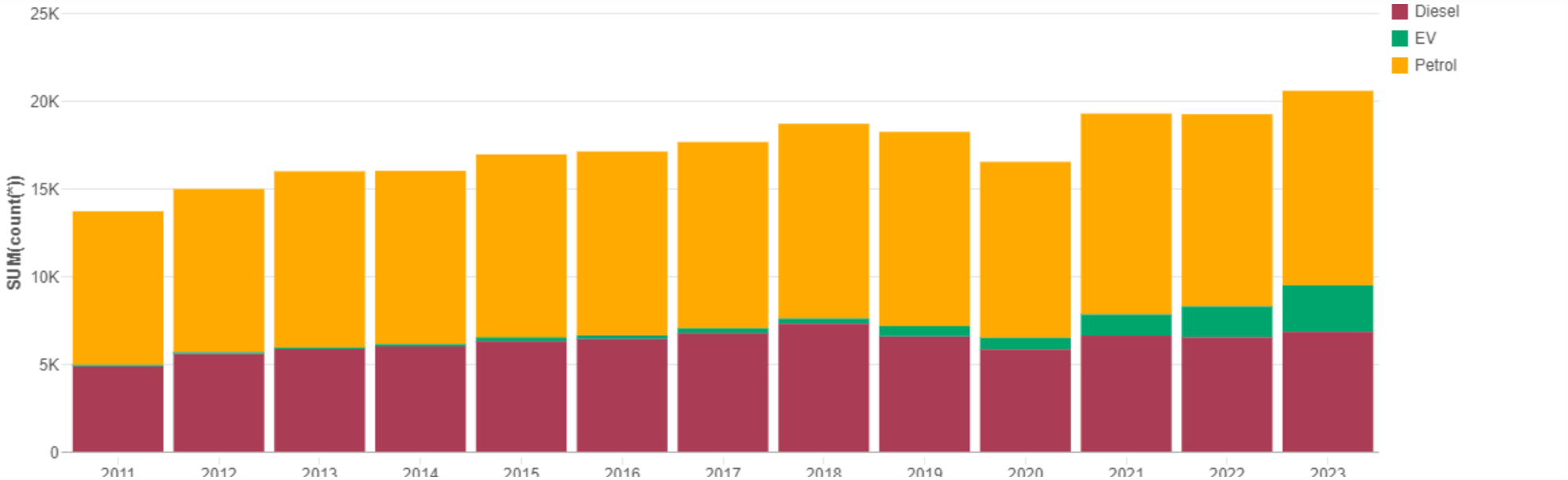
Congestion

Carbon Emission

Infrastructure

Congestion


MetroTrain
MetroTram
MetroBus
VLineTrain
VLineCoach
VLineBus
MetroTrain, MetroTram, MetroBus, VLineTrain,...
30M
20M
10M
0
2018-1
2018-3
2018-5
2018-7
2018-9
2018-11
2019-1
2019-3
2019-5
2019-7
2019-9
2019-11
2020-1
2020-3
2020-5
2020-7
2020-9
2020-11
2021-1
2021-3
2021-5
2021-7
2021-9
2021-11
2022-1
2022-3
2022-5
2022-7
2022-9
2022-11
2023-1
2023-3
2023-5
2023-7
2023-9
2023-11
2024-1
2024-3
2024-5
MonthYear


Diesel
EV
Petrol
SUM(count(*))
25K
20K
15K
10K
5K
0
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

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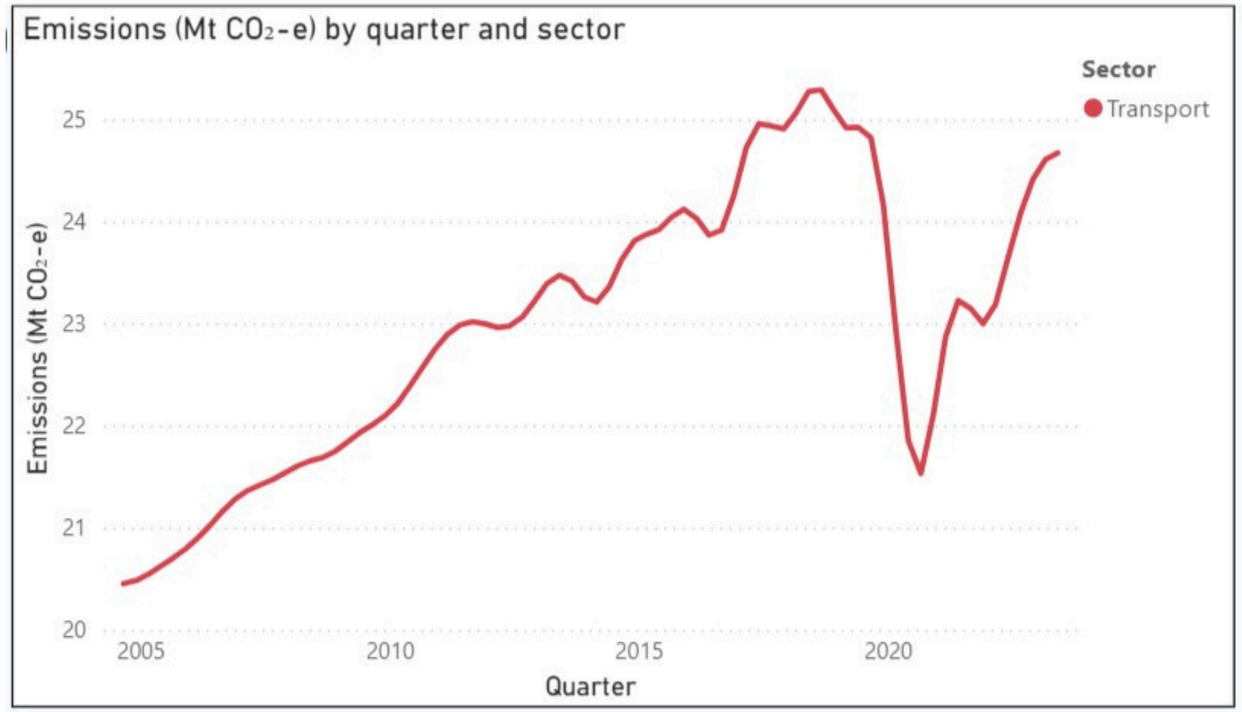

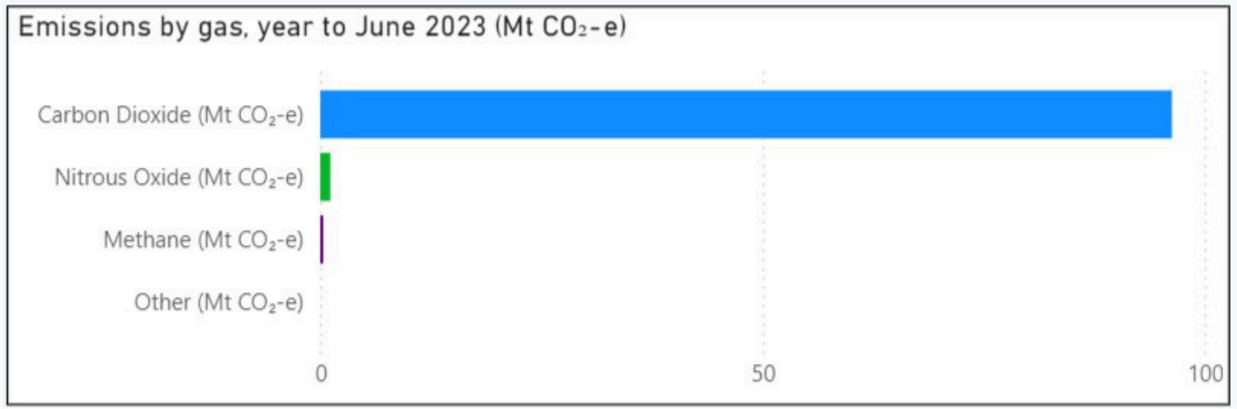

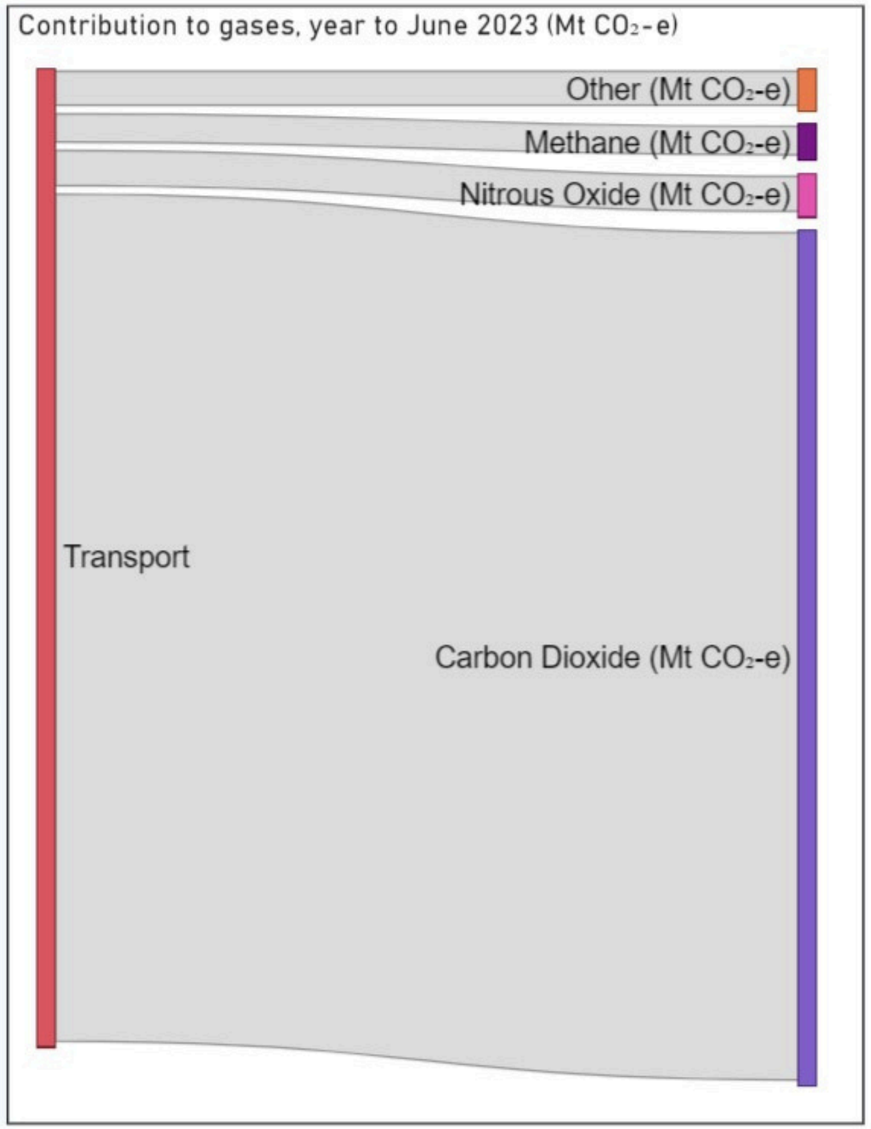

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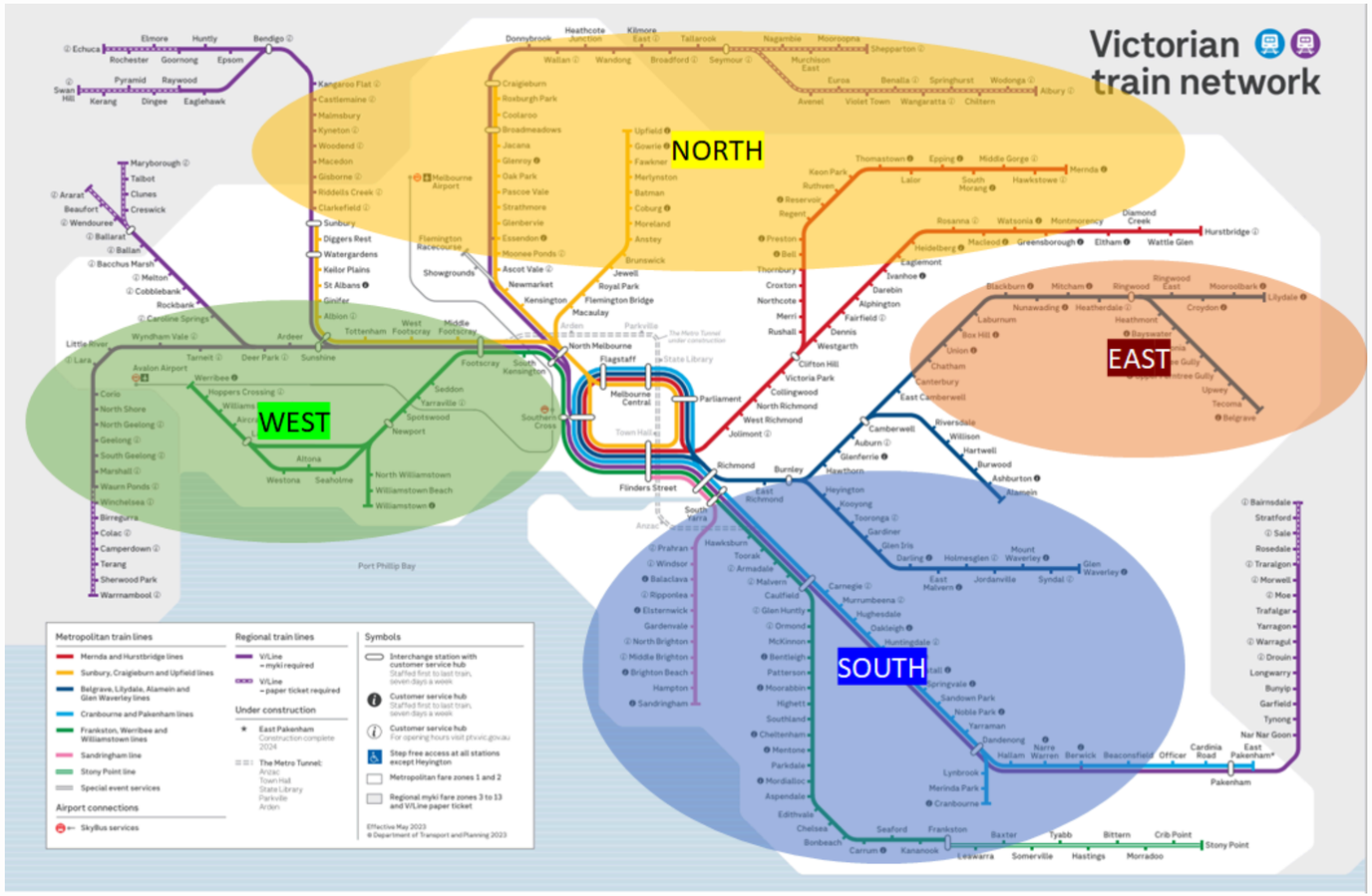
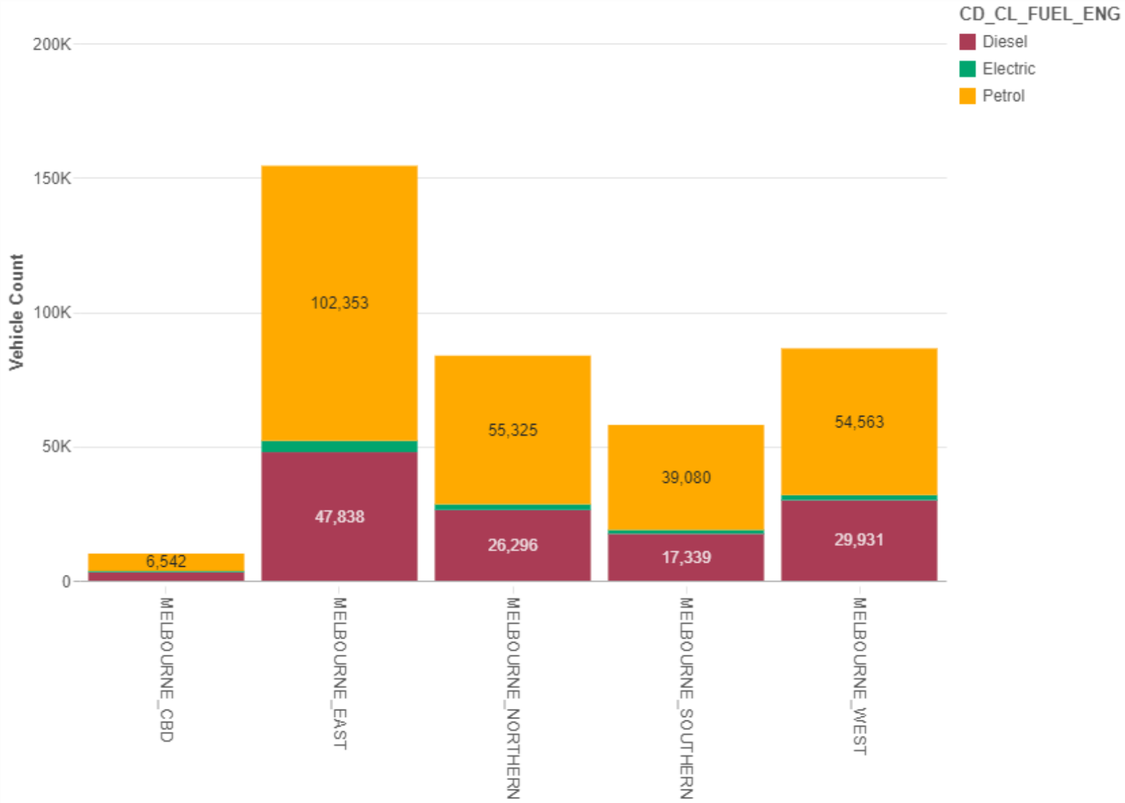
Gaps in Infrastructure





Proposed Solutions

Myki Pool

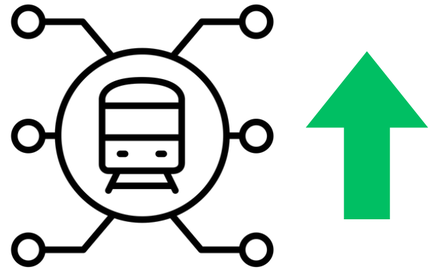
Charge Spot

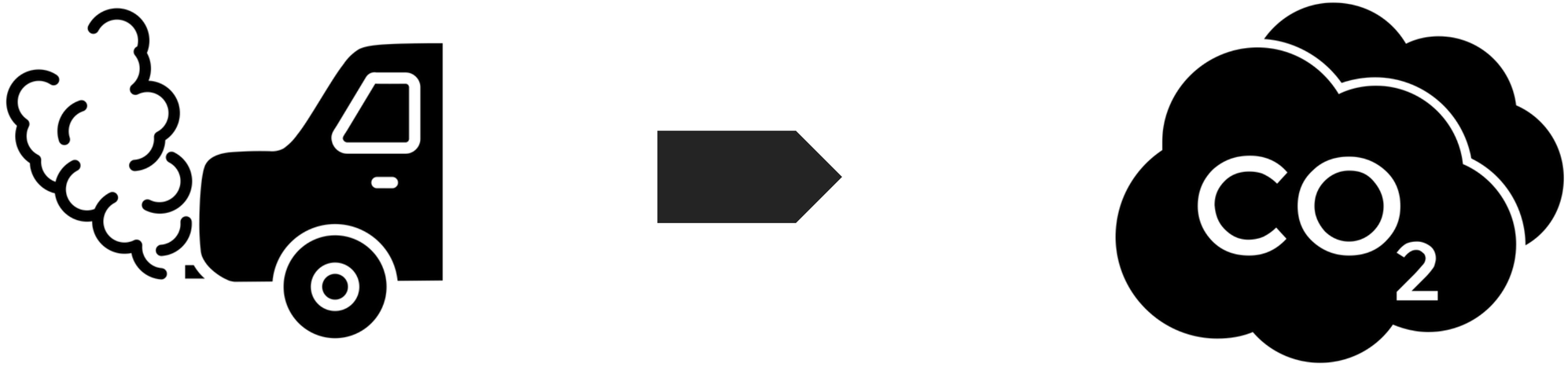
Incentivized Public Transport

Victoria Green Transit Strategy (VGTS)

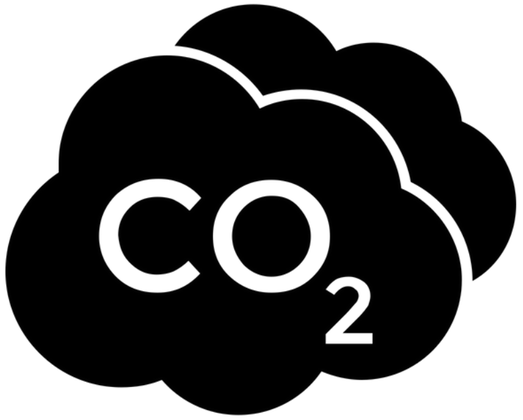
Greenius

Outcomes



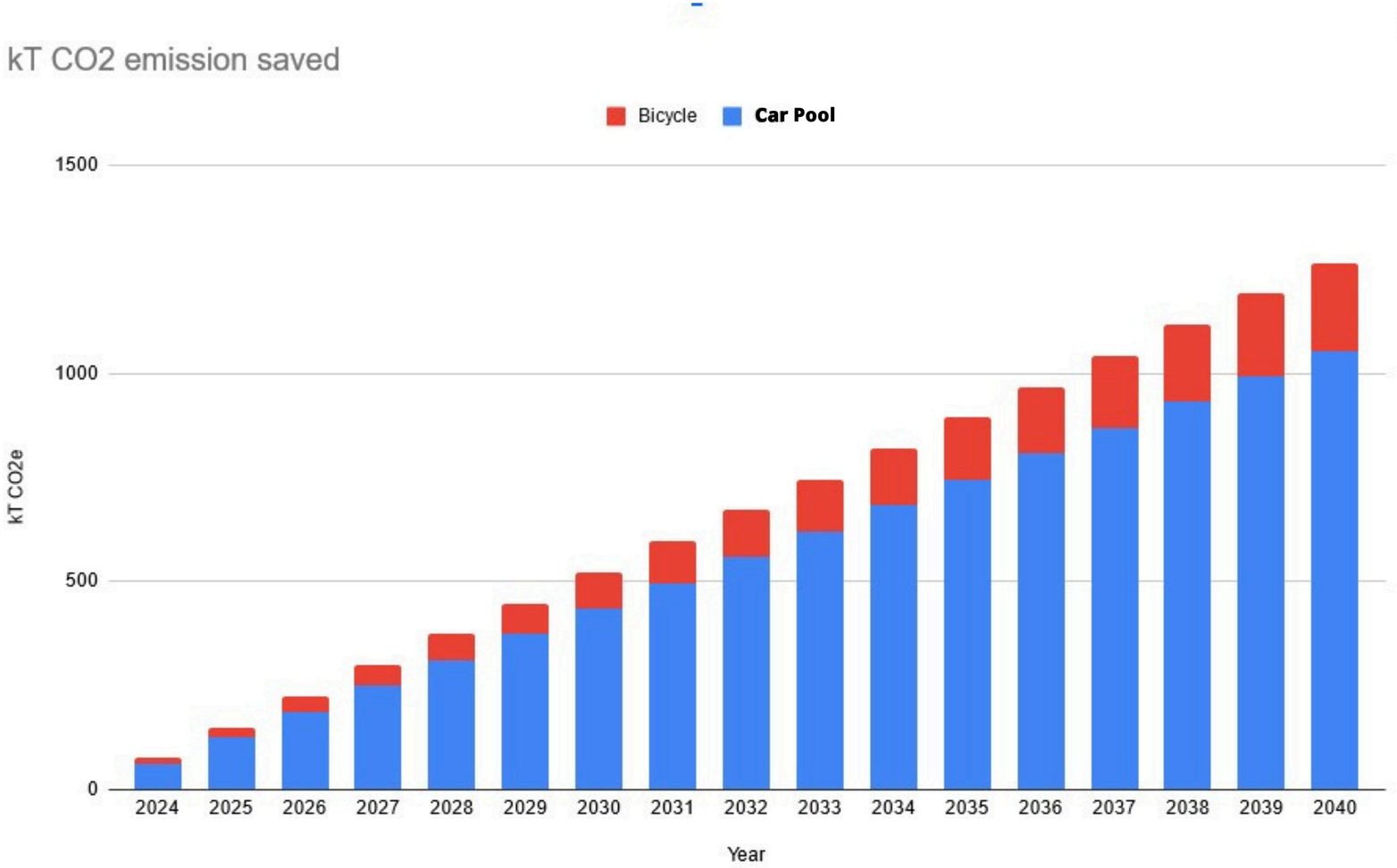


1 car generates 17kg CO2 per 100km



1 Car Pool ride save 8.5kg CO2 emissions

10,000 rides could save 85 tonnes of CO2 emissions

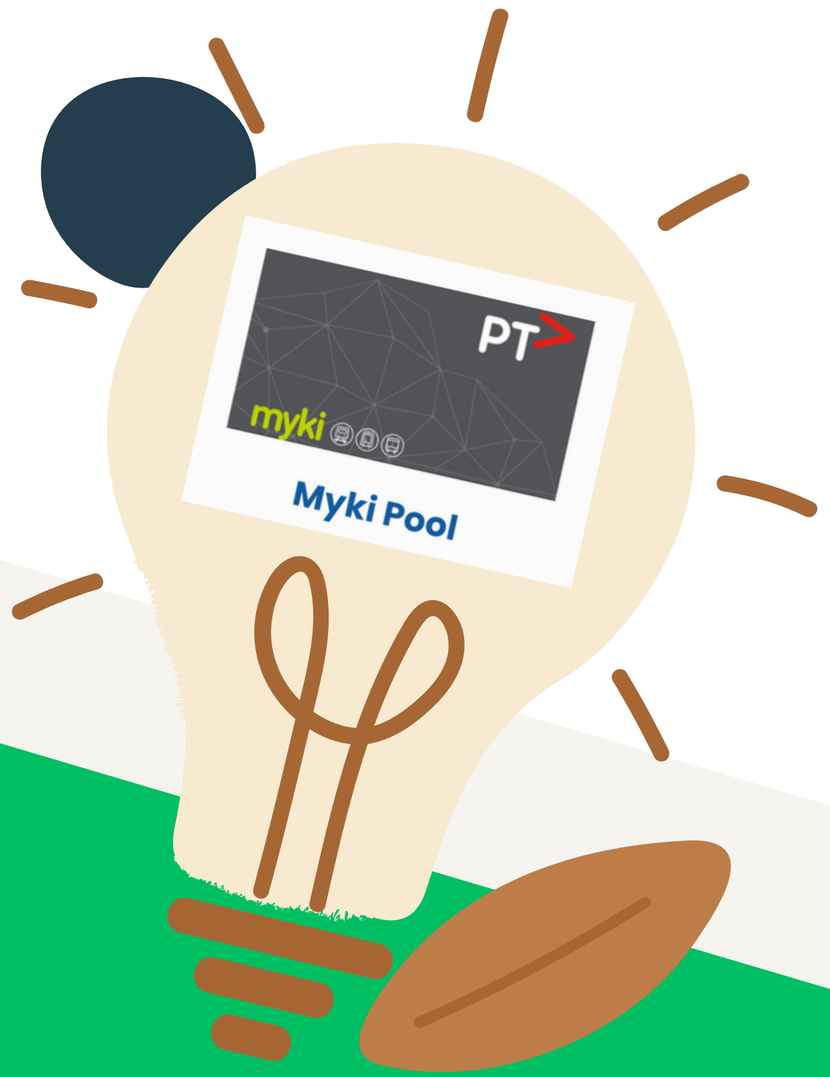


Based on 15 year projection

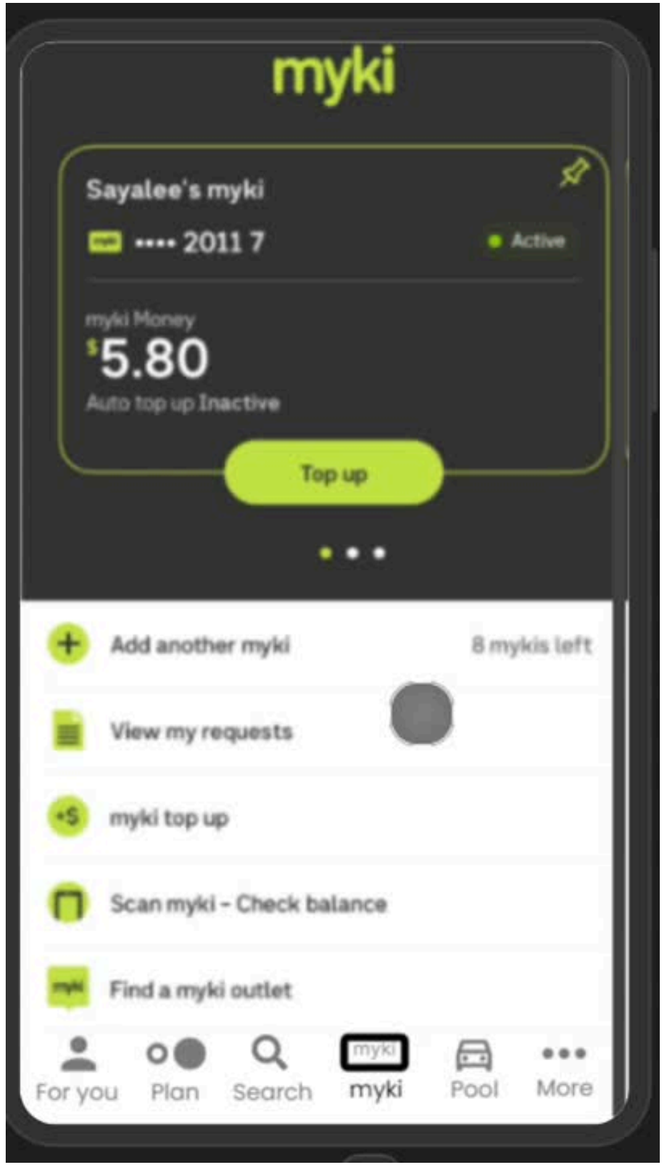
Over 1.8mT CO2 emissions can be saved

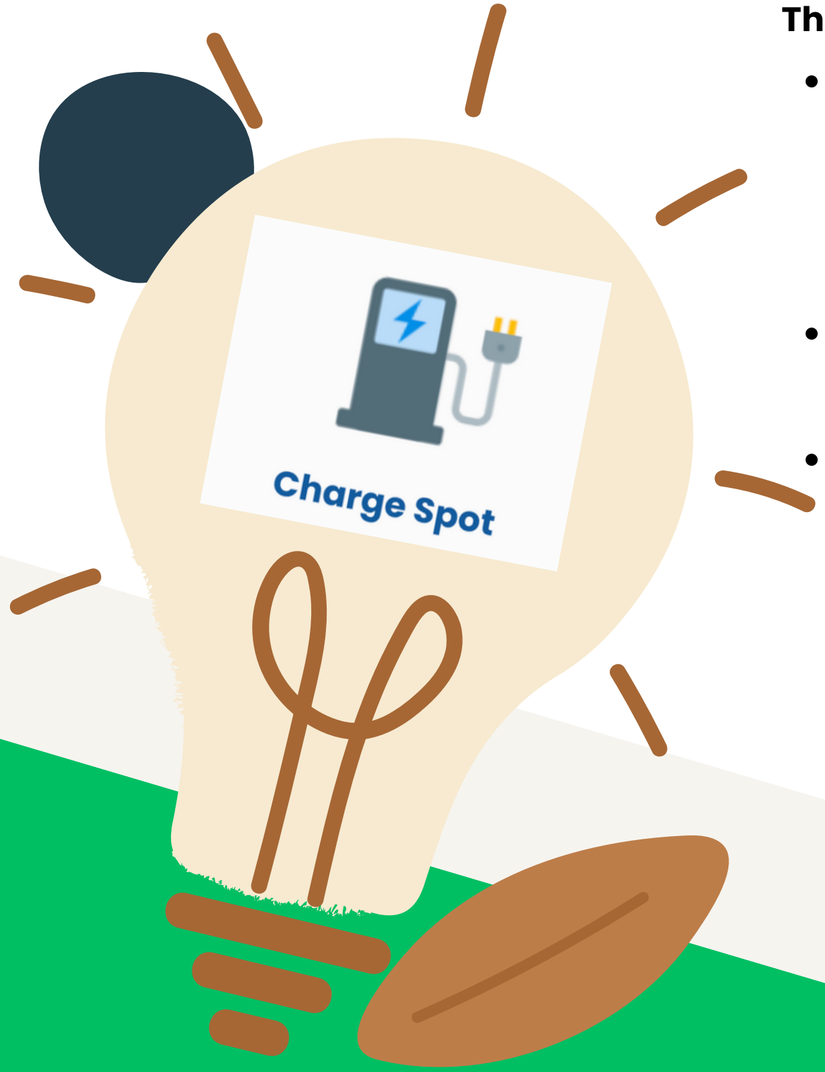
On converting reduced CO2 emissions to VEEC STCs, every year 135,000 certificates can be traded

With current trade price of $108/certificate, over $15 million revenue can be generated



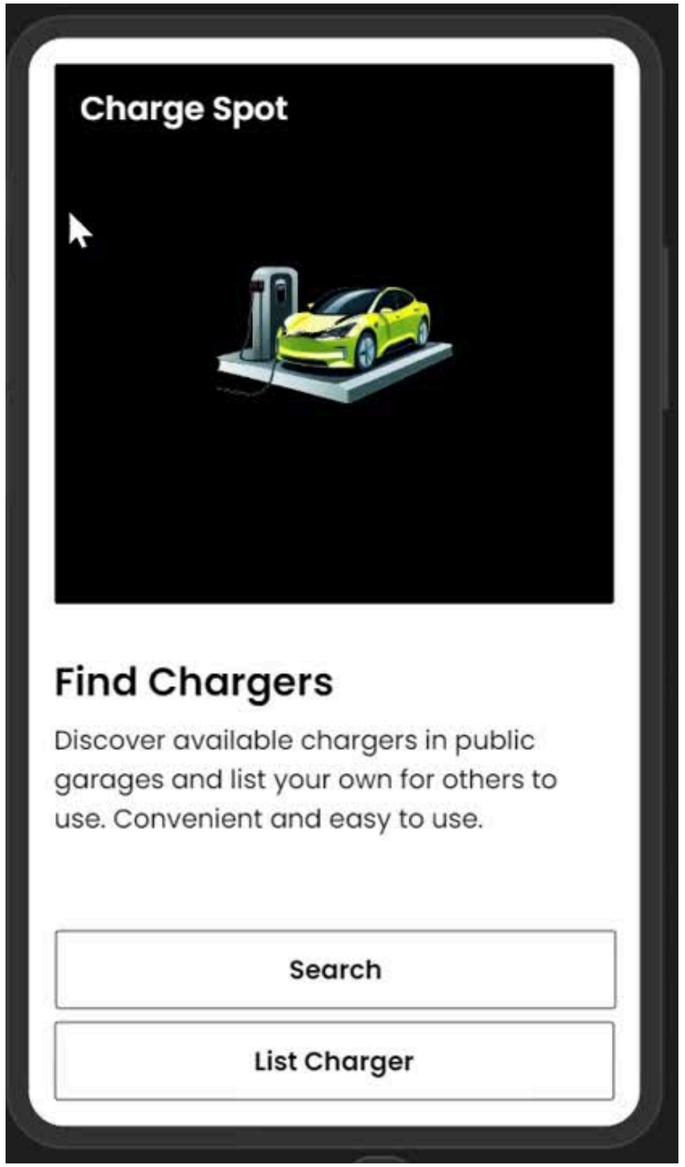
This is a a proposal that integrates with the current myki infrastructure to provide car pool services.

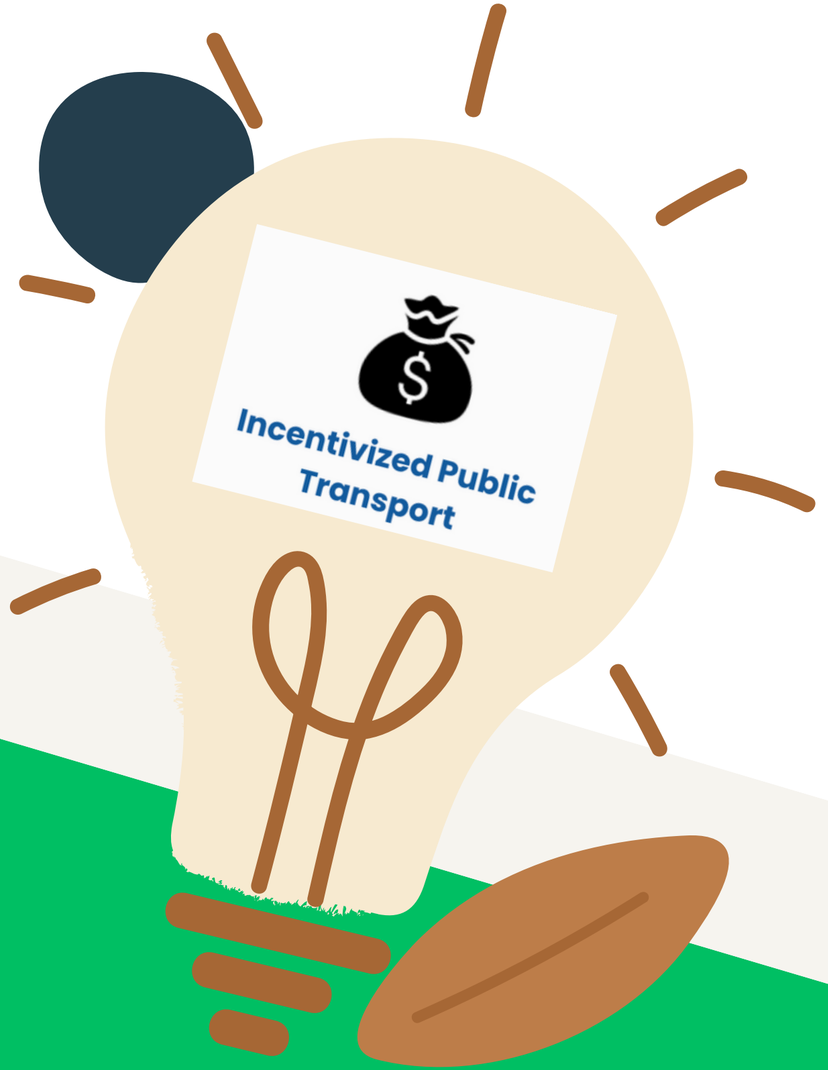




The Charge Spot

- The EV Charge Spot app is designed to simplify the search for electric vehicle (EV) charging stations and promote sustainability. It offers two key features:
- Search Chargers: Easily find nearby EV charging stations based on your location.
- List Chargers: View a comprehensive list of available chargers in your area for convenient access.





- **Discounted or Free Rides**: Offer lower fares or free public transport to high-emission zones during peak hours.
- **Congestion Pricing**: Charge drivers entering high-emission areas and use the funds to subsidize public transport.
- **Green Rewards**: Reward commuters using public transport with loyalty points or carbon credits.