

# Low Emission Vehicles Contestable Fund Project Descriptions

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## Charging infrastructure

1. ChargeNet NZ Ltd **\$263,775**

Four 300kW and Two 50kW charging ports for Rotorua

ChargeNet NZ Ltd will install four public 300kW charging ports and two 50kW charging ports in Rotorua's central business district, supporting the existing fleet and enabling the newest generation of EVs to add 400km of charge in only 20 minutes.
2. ChargeNet NZ Ltd **\$266,275**

Four 300kW and Two 50kW Charging Ports for Tauranga

ChargeNet NZ Ltd will install four public 300kW charging ports and two 50kW charging ports in Tauranga, supporting the existing EV fleet and enabling the newest generation of EVs to add 400km of charge in only 20 minutes.
3. ChargeNet NZ Ltd **\$134,438**

Two 300kW charging ports and one 50kW charging port for Dunedin

ChargeNet NZ Ltd will install two public 300kW charging ports and one 50kW charging port in Dunedin's central business district, enabling the newest generation of EVs to add 400km of charge in only 20 minutes.
4. ChargeNet NZ Ltd **\$41,500**

Electrifying Tamahere

ChargeNet NZ Ltd will install a public 50kW DC fast electric vehicle charger at Tamahere, filling a critical gap in the network.
5. HealthPost Limited **\$26,000**

Install EV fast charging infrastructure at our business site

Installation of a 25kW charger at HealthPost's business site in Collingwood, Golden Bay will incentivise take-up of electric vehicles, and provide charging access to their service contractors and staff.
6. Network Waitaki Limited **\$43,500**

EV fast charging station for Oamaru's Harbour Area

Network Waitaki will install a public 50kW fast charging station in Oamaru's harbour area to serve locals and tourists to the area.

7. Fonterra Co-operative Group **\$82,000**

Fonterra Te Wai Pounamu EV Hub

Fonterra will install 26 EV slow chargers at four manufacturing sites in the South Island to assist more than 2,000 staff commuters, visitors and company vehicles to switch to electric vehicles. Two of the sites will be at Fonterra's cost and EECA will be co-funding the other two.

**Secure e-bike storage facilities**

8. Ōtautahi Community Housing Trust **\$44,500**

Electric Bicycle Sharing for Community Housing (low income) tenants

ŌCHT will deliver a subsidised e-bike share scheme comprising five e-bikes free of charge for the community and parking for 20 e-bikes using Locky Docks at its largest community housing development in Christchurch. Financial investment will be coupled with an education campaign to encourage uptake. The scheme will be open to all ŌCHT tenants and employees. The e-bikes will be at the applicant's own cost.

9. MOTAT (Museum of Transport and Technology) **\$57,000**

Secure bike parking stations for visitors and staff of MOTAT in the Western Springs precinct

MOTAT will install secure scooter and bike docking stations at their Western Springs sites, encouraging staff and the wider public to consider micro-mobility as a viable mode of transport to access the Western Springs Precinct. The docking stations are the first step in a larger accessibility project for the area, which hopes to see alternative transport options adopted more widely in the future.

**Heavy electric vehicles**

10. GreenCycle Limited **\$89,200**

Fossil-Free Vegetation Management: Electric Hiab Greenwaste Removal Truck

GreenCycle Ltd will replace a diesel truck and diesel chipper with an electric hiab and tipper truck for their green waste recycling business in Auckland. This project will demonstrate to arborists and landscapers the on-site charging of electric chainsaws from the e-truck.

11. Dempsey Wood Civil Limited **\$222,000**

Heavy Electric Vehicle (HEV) pilot using a traffic safety vehicle in construction/infrastructure industry

Dempsey Wood will purchase a heavy electric vehicle (HEV) as a pilot to be fitted with an attenuator for a traffic safety vehicle. Few HEVs currently operate in the construction industry, and this trial will help to establish their viability and gain high visibility results. A rapid charging station will be installed at the Mt Wellington depot to support the project, and to provide public charging when not being utilised.

12. Fuso New Zealand Limited **\$242,519**

Fuso eCanter delivering better: extended-test drive electric truck

Fuso New Zealand will purchase and fit out a 100% electric 7.5t Fuso eCanter truck for extended-test drives by potential customers through its dealers. The truck will be tested with various charging options and include the use of Fuso’s “eTruck Ready” app, and they will also provide eTruck education and training.

13. Fuso New Zealand Limited **\$499,500**

Proposed Queen Street Zero Emission Area: Electric Truck Trial

Fuso will carry out a one-year e-truck trial with 5 Fuso eCanter trucks and chargers with major transport companies in the proposed Auckland Transport Queen Street Valley Zero Emissions Area (ZEA). The project will generate data collected by EROAD and insights to inform future policy development for implementing the ZEA for urban freight, and high visibility.

14. Hyundai Motors New Zealand Limited **\$500,000**

Hydrogen Fuel Cell Electric (FCEV) (Zero Emission) Truck Fleet Demonstration

Hyundai New Zealand Ltd will purchase and deploy an initial fleet of five zero emission Fuel Cell Electric trucks into New Zealand and enter real-world daily logistics operation trials.

**Technology**

15. Counties Power **\$112,000**

Second-Life EV Battery System with High-Power EV Chargers at Mercer

Counties Power will install a 240kWh Second-Life EV Battery System together with two High-Power EV chargers at Mercer situated beside the Waikato Expressway to optimise peak-time electricity capacity and demand on the network.

16. Counties Power **\$32,000**

Demonstrating Smart Vehicle-to-Grid with Direct Solar Charging & Load Balancing

Counties Power will demonstrate Smart Vehicle-to-Grid technology integrated with Solar Generation and Load Balancing capability. This project, comprised of a Nissan Leaf and charger powered by solar, aims to increase EV use and showcase consumer energy independence, energy savings and the optimisation of utilities peak demand management. The solar components will be sourced at the applicant’s cost.

17. EVisi Group Limited **\$34,800**

Fleet EV charger demand optimisation and battery life management software

EVisi Group will develop and test optimisation algorithms to optimise fleet EV charger operations to minimise local network peak demand charges and extend battery life. The

software service project will aim to ensure that all charger connected vehicles are charged to their daily required state of charge by specified time within transformer and other operational constraints.

### Car share

18. Ōtautahi Community Housing Trust **\$44,038**

Electric Vehicle Sharing for Community Housing (low income) tenants

ŌCHT will deliver a subsidised EV share scheme with two Nissan Leafs at its largest community housing development in Christchurch. Financial investment will be coupled with an education campaign to encourage uptake amongst ŌCHT tenants and employees.

### Fleet management

19. Carbn Asset Management Limited **\$302,000**

Kickstarting and accelerating the uptake of EVs within local Government and Corporate fleets

Carbn Asset Management will deliver 20 low-cost baseline fleet assessments to businesses and local government to help them plan and manage their fleet transition to EVs. Carbn will then offer a comprehensive implementation and transition partnership to ensure ongoing delivery.

20. Optimal Fleet Solutions **\$107,000**

A digital dashboard enabling business and local government fleet optimisation and electrification

OptiFleet will develop a digital dashboard that will provide data and insights to help local Government, organisations and businesses to manage fleet assets in real time to further identify opportunities to increase utilisation, optimise and electrify their fleets. The dashboard will consume live data feeds (including GPS) and provide a view of key performance indicators across all participating organisations and help to identify bulk purchasing opportunities.

21. Optimal Fleet Solutions **\$499,000**

Leading the way: Electrification of New Zealand's business and local government fleet

OptiFleet will carry out fleet audits and studies on local Government, businesses and organisations of all fleet compositions, identifying opportunities for optimisation and electrification of their fleets with decarbonisation road mapping and replacement plans. Fleets will be provided with audits and utilisation studies where data is available, and optimisation recommendations, coupled with expert assistance and advice.

22. LeasePlan New Zealand Limited **\$58,328**

EV Fleet Enablement

LeasePlan will offer selected clients a leased charging solution - including home charging, office charging, and fobs to access public charging networks - all linked under one platform, as well as telematics analysis. This consolidated solution enables clients to transition fleets to electric vehicles without upfront infrastructure costs, providing scalability for future growth.