

Conditionally approved projects - Second Round Low Emission Vehicles Contestable Fund

1. Charging

Eastland Group Limited **\$251,000**

Electrifying Eastland's Pacific Coast Highway

Three fast charging units will be installed at Matawai, Wairoa & Putorino/Kotemaori. Eastland has no public charging infrastructure which is a key gap in the national EV charging network. The project is supported by the Eastland Community Trust (including co-funding), Gisborne District Council and Unison.

2. Charging

Wellington City Council **\$176,100**

Charging up residential Streets: Making charging at home a reality for all

This project will see Wellington City Council work in partnership with ChargeNet NZ to develop and deliver residential on-street charging for the one in four Wellington City residents without off-street parking. A model inspired by world-leading EV friendly cities, on-street residential charging has not yet been demonstrated anywhere else in New Zealand. The project will deliver up to 50 charge points in residential areas on request from residents without access to their own charging.

3. Charging

Northland Regional Council **\$149,125**

Charging Northland Crimson Coast EV Highway

Five medium speed charging stations will be installed at Waipapa, Mangonui, Kaikohe, Houhora and Waitiki, opening the Far North to EV tourism and facilitating EV uptake. The project is a partnership between Far North District Council, Top Energy, Northpower and ChargeNet.

4. Charging

Horizon Networks **\$115,000**

Expansion of the Electric Vehicle Fast Charging Highway in the Eastern Bay of Plenty.

Three fast charging units will be installed at Opotiki, Te Kaha and Murupara, by Horizon Networks, through partnerships with the Eastern Bay of Plenty Energy Trust, Whakatāne District Council and Opotiki District Council. The project will provide accessible EV routes within and between the Eastern Bay of Plenty and Gisborne, Rotorua, Taupō and the Western Bay of Plenty region.

5. Charging

ChargeNet NZ **\$140,000**

Dunedin to Queenstown

Four fast charging stations will be installed at Cromwell, Roxburgh, Lawrence and Waihola, enabling travel from Christchurch to Queenstown via Dunedin.

6. **Charging**

ChargeNet NZ **\$95,000**

Invercargill to Queenstown

Three fast charging units will be installed at Winston, Lumsden and Garston linking Invercargill and Queenstown on SH6.

7. **Charging**

ChargeNet NZ **\$175,000**

Christchurch to Picton

This route is an alternative to the earthquake damaged SH1. Five fast charging units will be installed at Culverden, Harris Pipes (on Lewis Pass road), Maruia Junction, Murchison and Motupiko.

These three ChargeNet NZ projects fulfil gaps in the charging infrastructure on routes identified by NZTA as critical arterial route performing a lifeline function.

8. **Heavy Vehicles**

Palmerston North City Council **\$350,000**

Purchase of two LEV trucks for recovery of recyclable materials and solid waste.

Two new, medium sized electric trucks will replace two existing diesel trucks. These are purpose built 100% electric trucks (not conversions). Two different styles of truck will be deployed for solid waste recovery and recyclable materials.

9. **Heavy Vehicles**

Tranzit Group Ltd **\$339,602**

Taking very fast, drive through 'opportunity charge' electric bus charging technology to the cities and regions of New Zealand.

The project will see implementation and demonstration of a drive through, super-fast opportunity charging system. Such systems could be located at bus stops and a charge delivered while the bus stops to pick up passengers. The project will be composed of a containerised 450 kW opportunity charger with an overhead charge mast and the associated vehicle mounted equipment for one bus. The opportunity charger is able to be relocated to allow demonstrations at different locations.

10. **Heavy Vehicles**

Civic Limited **\$250,000**

Electric trucks and breaking the cost-barrier

Civic Limited will purchase two 10 tonne electric trucks and supporting charging infrastructure. One electric compactor truck will be fitted and used for waste collection and one electric truck will be fitted and used for street and facilities cleaning.

11. Heavy Vehicles

Snap Rentals Limited **\$98,097**

Snap Rentals Demonstration EVangelist Shuttle Buses

Two Renault Master ZE 100% electric vans will have a coach fit out enabling them to be used as passenger transport for up to 12 passengers. The EV shuttle bus service will operate at Auckland and Christchurch Airports transferring passengers to Snap Rental's off-airport depot. Snap Rentals will supply EV cars available for rent at the depot, which is separate to the funded project.

12. Car Share

L&F Limited, trading as Yoogo **\$500,000**

A fully electric fleet for private and public organisations

Yoogo Share is launching a 100% pure Battery Electric Vehicle (BEV) car sharing platform in the last quarter of 2017. The vehicles will be available for both businesses and the general public to utilise. The Yoogo Share platform will initially deliver 100 BEV's and 100 chargers.

13. Car Rental

Europcar New Zealand **\$190,939**

Expansion of Europcar's rental fleet to include 100% electric vehicles.

Europcar will introduce 10 Volkswagen e-Golfs into its rental vehicle fleet at Auckland, Wellington, Christchurch and Queenstown Airports.

With the growth of sustainable tourism and rising awareness of corporate responsibility, rental EVs provide travellers the opportunity to experience and test drive EVs while promoting environmentally friendly motoring solutions. This co-funding will go towards the vehicle lease costs, charging infrastructure and marketing with the aim of increasing EV demand within the rental vehicle sector, which is the largest corporate purchaser of passenger vehicles in NZ.

14. EV demonstration

New Zealand Post Limited **\$131,250**

The Business Case for Electric Courier Vehicles.

This project involves purchasing five electric vans and utilising them in different operating environments to assess their suitability for widespread courier use. NZ Post's owner-operator courier drivers will then be able to see for themselves how they perform, giving them confidence to purchase or lease their own electric vans. Vans will be used at different locations such as courier depots and delivery branches where staff and contractors will be able to drive them.

15. EV Battery demonstration

Blue Cars Ltd **\$23,100**

Trial Replacement Battery Pack for a Nissan Leaf (Generation 1)

This project will trial refurbishing the battery pack from a Gen 1 Nissan Leaf, with a view to offering a battery refurbishment and upgrade service. A barrier to used import EV uptake is the lack of service and options for battery refurbishment and upgrades considering used Nissan Leaf imports are over half of EV entrants to the NZ fleet.