

Fleet Conference  
& Exhibition  
AND FLEET AWARDS

MAY 23-24  
ROSEHILL GARDENS  
ROSEHILL GARDENS

# ROEV

Bringing Ambition  
to Reality

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NOAH WASMER

Chief Executive Officer

ROEV

ROeV |

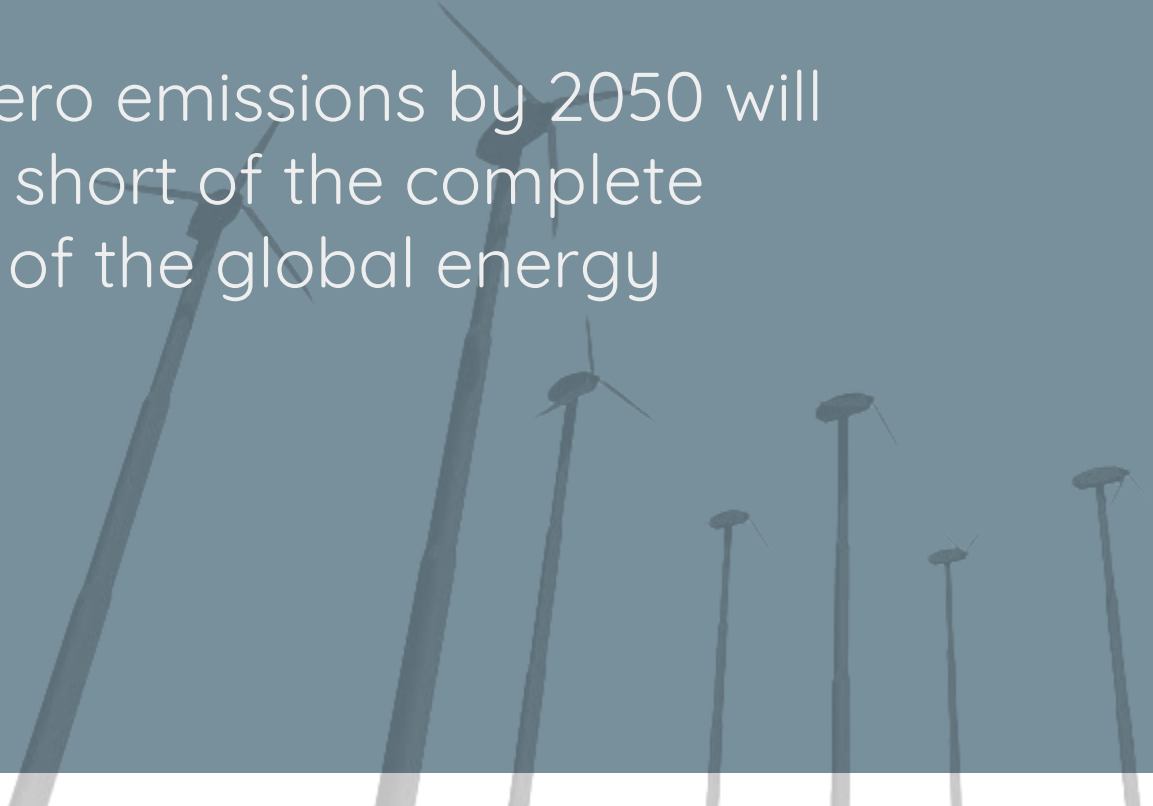


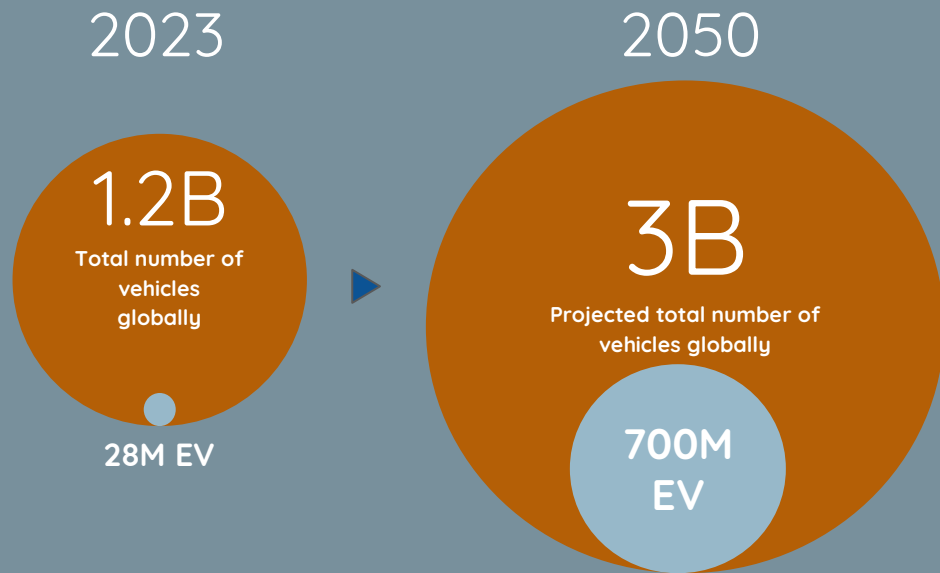
Good energy.

The challenge is clear.

Achieving net zero emissions by 2050 will require nothing short of the complete transformation of the global energy system.

- International Energy Agency





ICE vehicles  
(and their emissions)  
will nearly double  
between now and 2050.



> 3 million ICE Utes on Australian roads today

+ 2.4 million MORE ICE Utes to be sold by 2040

Let's do the maths

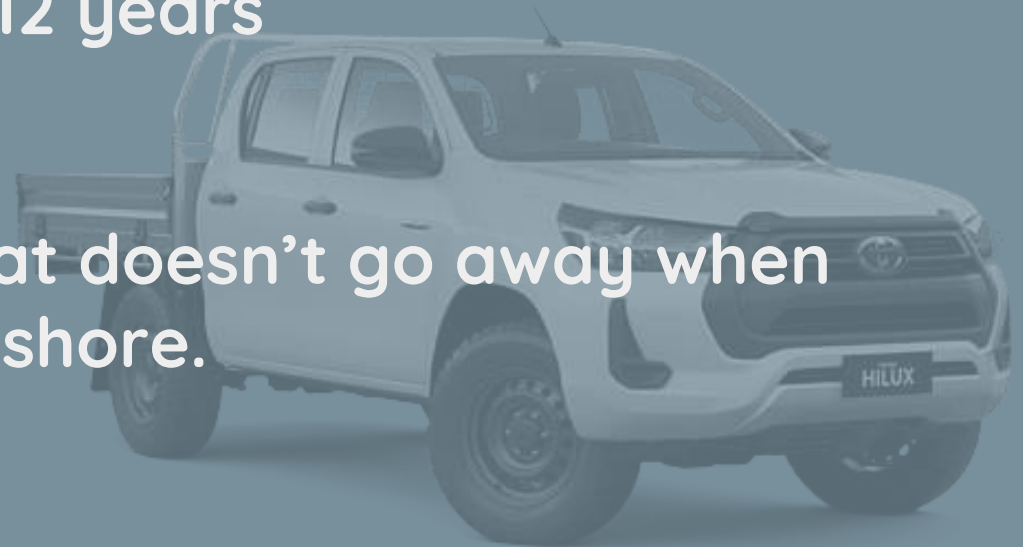
Average of 5.5 tonnes per vehicle per year

Average lifespan of 12 years

66 tonnes per ute

x 2.4M utes

= one big number that doesn't go away when  
the new EVs hits our shore.



We can't wait

We have to act now

That's why we founded Roev



ROEV  
electric conversions





Convert existing  
vehicles to electric

# Begin with an electric Hilux for Australian fleets

## Donor Vehicle

Toyota Hilux MY 2016 - 2022

## Overview

100% Plug-in electric

Standard pack: 64 kWh - range up to 240 km

Extended pack: 96 kWh - range up to 360 km

Smart charging

15% increase in torque from stock

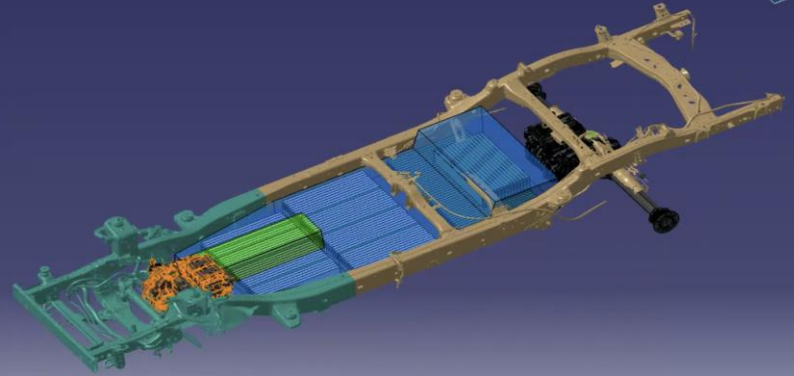
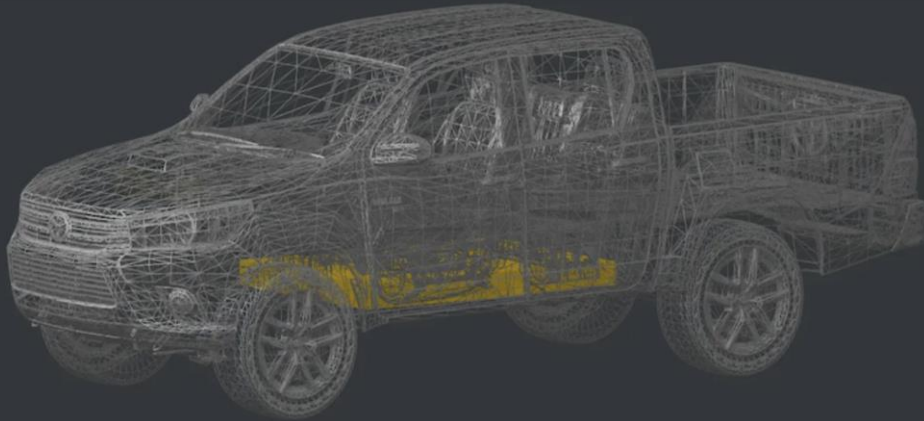
Integrated CAN bus for safety

2WD or 4WD

**\$50-60K per conversion**



# RoEV EV Drive System



concepts subject to final engineering design

*“Embracing re-use”*



# Regenerative Equipment Manufacturing

The impact is real.

Each converted ute  
reduces CO2  
emissions by  
>100 tonnes.

Replace  
w/diesel



Diesel to secondary  
market



105  
tonnes

Convert  
to EV

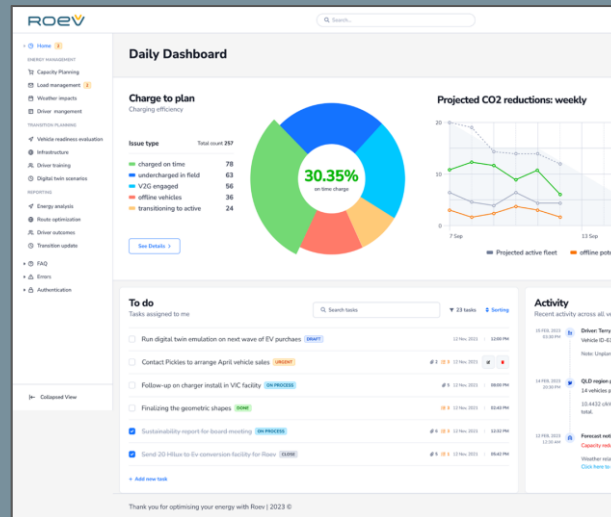
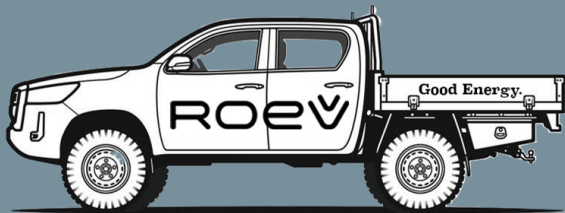


No diesel to  
secondary market



0  
tonnes

# World Class Engineering: HW + SW





## A new approach to Australian EV Manufacturing





# Building for the future

Invented, designed, tested, and assembled in Australia

Demand to scale across Australia - now globally

Opportunity for modern component manufacturing in Australia

Large scale off-taker of Australian-made battery cells

**We must embrace Re-use and REM as an equal alternative to OEM**



ROEV

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## Session Details

### ROEV - Bringing Ambition to Reality

Tues, 23/5

Insights  
Plenary

**Add session**

**SESSION FEEDBACK**



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2023 Australasian Fleet Conference

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