

The EVgle™

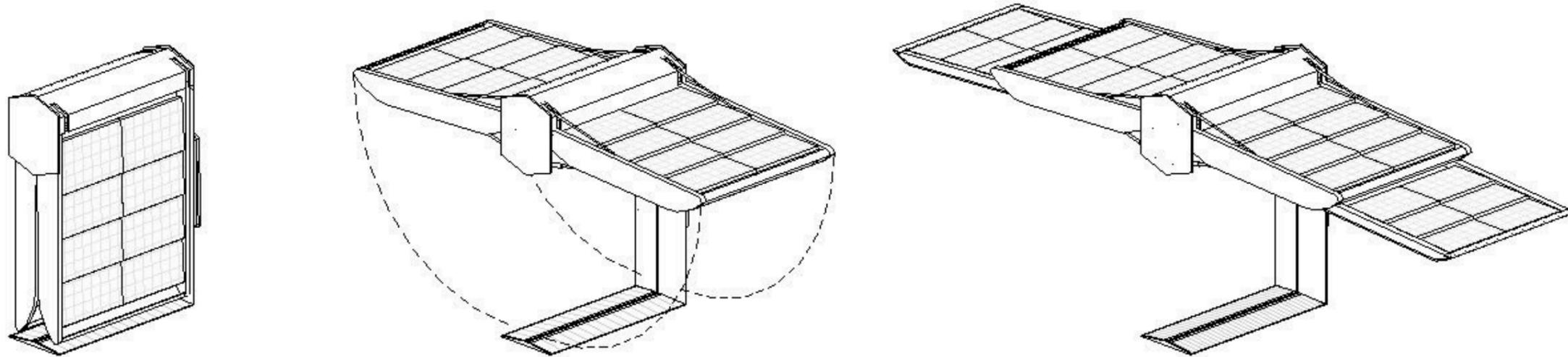
  
RESILIENCE  
DESIGN & BUILD



INTERNATIONAL PATENT LODGED 2024

*/ˈevee-gle/ : noun : a combination of the acronym EV and the word 'eagle'*

# Introducing the EVgle™



THE WORLD'S FIRST **FOLDABLE** ELECTRIC VEHICLE CHARGING STATION

**AUTONOMOUS**

**RAPIDLY DEPLOYED**

**UPGRADEABLE**

# The rise of Electric Vehicles

AUSTRALIA MAP INFOGRAPHIC



by **2026**, QLD government are working towards **100% zero-exhaust-emission** for eligible passenger & SUV fleet vehicles

NSW government announced the move to a **100% EV fleet vehicle by 2030**

**Coal Power Plant in Eraring NSW to be shut down in 2027**

VIC government are aiming for **50% of all light vehicle** sales in Victoria to be **Zero Emissions Vehicles by 2030**

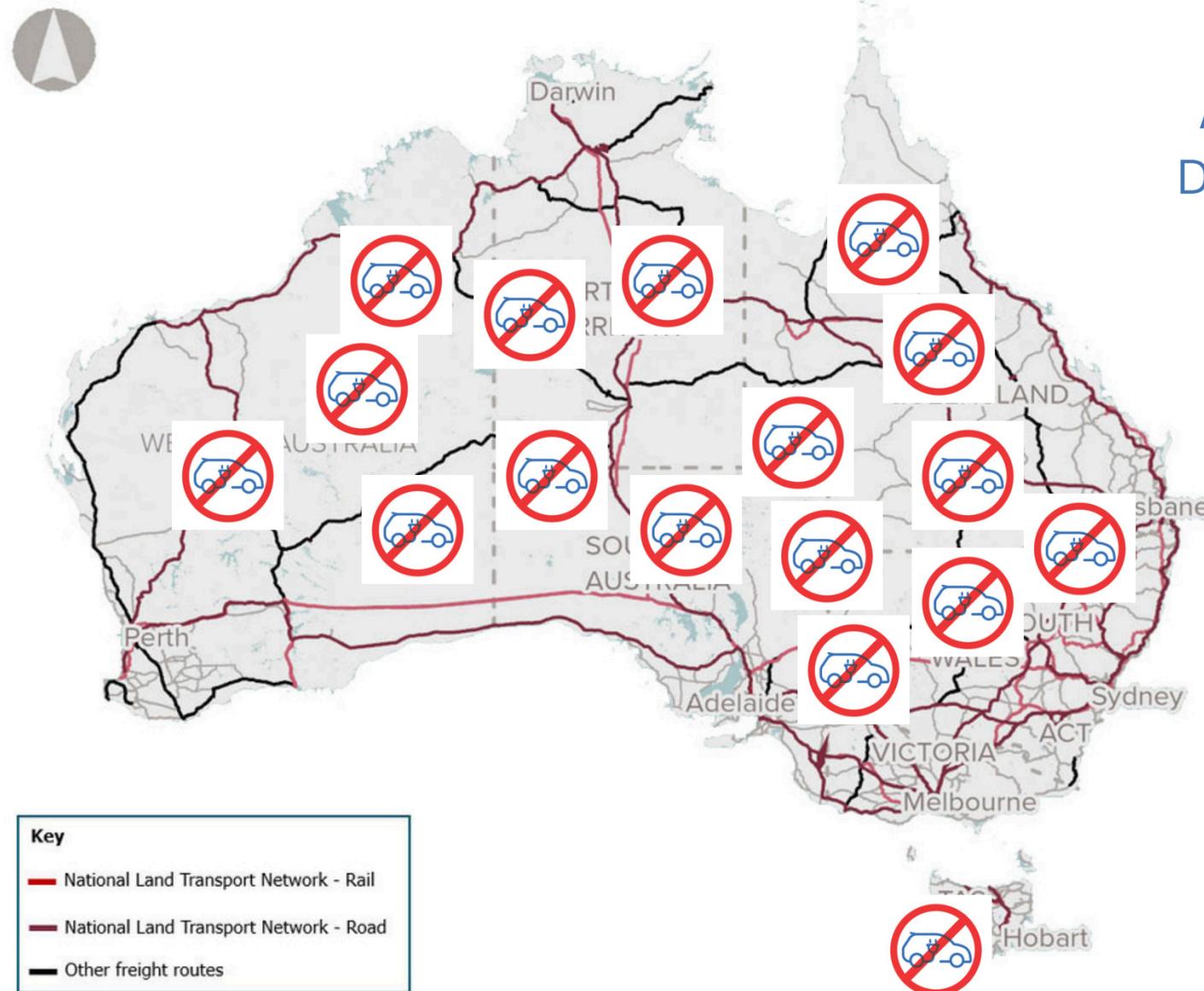
WA aiming for **25% of vehicles** and small to medium SUV fleet to be **EV in 2030**

AUSTRALIA BOUGHT MORE THAN **87000** ELECTRIC CARS IN 2023 YET WE ONLY HAVE **3000** PUBLIC CHARGING LOCATIONS IN 2024

Simply not enough supply

# Autonomous Minigrid solution for EV charging equality

## The untapped market of off-grid charging stations



Australia has over **500,000 km** of unsealed road. Distribution of electricity using transmission lines is a huge task and extremely expensive.

**The most logical and cost effective solution is to scatter Autonomous Minigrid Stations**

To ideally provide EV charging stations per 20km of these unsealed road, **25,000** powered locations are needed in Australia.

**This is simply over \$4Billion industry left untouched**

# Suitable for remote installation in Mining industry

## A race to towards net zero



Decarbonization of underground and above ground haulage vehicles has driven Mining industry to use EV only vehicle.

The Evgle will **significantly reduce** Mining Industry's dependance on diesel generators

**This industry is estimated to grow to USD\$23Billion in 2044**

# Suitable for remote communities

## Providing power and electricity to remote villages

Decarbonization is a global, not just an urban movement.  
Non-powered villages are scattered all around the globe.

The EVgle<sup>tm</sup> will **significantly reduce costly infrastructure / transmission line upgrades** to reach remote villages and **reducing reliance of diesel** for generators



# EVgle<sup>tm</sup> as EV charging solution

## Off-grid charging stations

The EVgle<sup>tm</sup> is a standalone EV charging solution which ticks these boxes

- upgradeable
- microgridable / minigridable
- totally autonomous / off grid
- can also be combined with wind turbine
- equipped with battery
- foldable and transportable
- can be rapidly deployed
- can be installed on almost any ground conditions



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EVgle™

# In Urban and Commercial environment



The EVgle™ off grid capability opens up a lot of possibilities  
**FOR HOSPITALS & SHOPPING CENTRES**

**Autonomous system = no disruption to existing grid**

In NSW/QLD, there are **over 250 rural hospitals** that need upgrading to incorporate EV charging facilities

# EVgle<sup>tm</sup> for Councils & NGO

Proposal for PCYC Beaudesert QLD shown below with the use of EVgle<sup>tm</sup> as Bus Shelter and Carpark Canopies



**FOR COUNCIL / PUBLIC FACILITIES CARPARK**

**The EVgle<sup>tm</sup> unique torso and wings is designed to fit into  
Australian standard parking space regulations  
No sacrifice of existing parking space**

# EVgle<sup>tm</sup> Off-grid charging solution

The EVgle<sup>tm</sup> is **not just a charger,**



# EVgle<sup>tm</sup> Off-grid charging solution

The EVgle<sup>tm</sup> is **not just a charger,**

it's also :

**an emergency help bay**

a light beacon

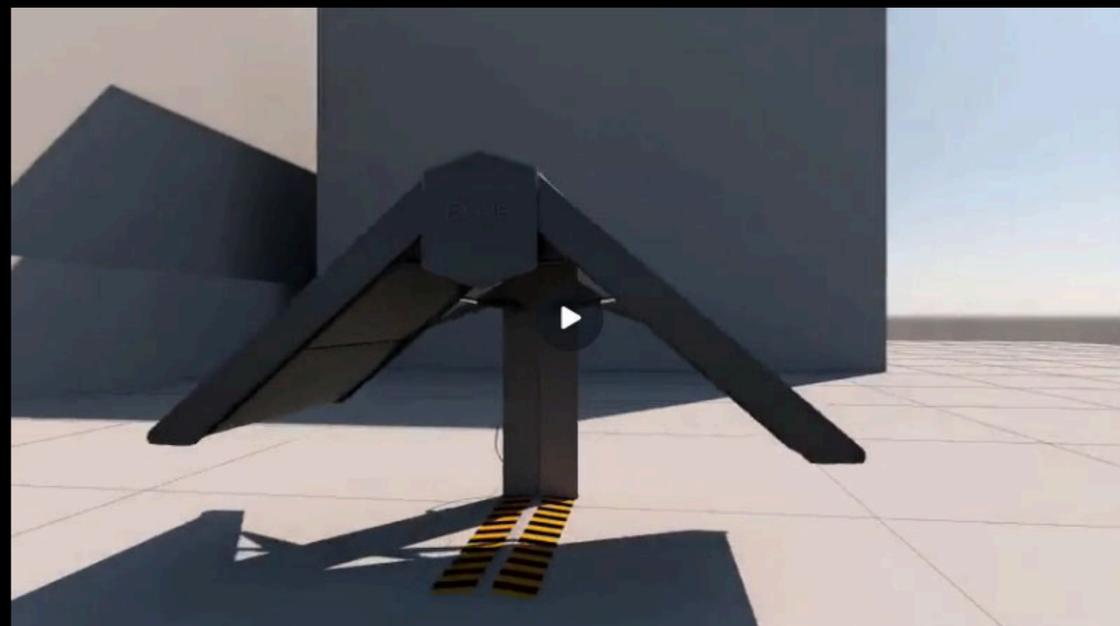
a surveillance station

catalyst for a small village development



# EVgle™ unfolded

Click link to show animation of transport, deployment and installation of EVgle™



# EVgle<sup>tm</sup> EV charger with 'the look'

The EVgle<sup>tm</sup> is designed to look stunning  
whether its closed, opened, or expanded

It's designed to be suitable in all types of landscape



# EVgle™ specifications

DOUBLE AWNING EVGLE™ SPECIFICATIONS :

OPTION 1

**585 KW PANELS X 2 X 20 PANEL ~ 23.5 KW SOLAR PANEL**

OPTION 2

**430W PANELS X 2 X 20 PANELS ~ 14 KW SOLAR PANEL**

**PATENTED SYSTEM WITH UPGRADEABLE EVBLADES**

40KWH BATTERY INCLUDED. UPGRADEABLE TO 80KWH

7KW EVCRUISE CHARGER, POWERED BY NOODOE

CHARGER NETWORK MONITORED BY EVCRUISE NOODOE APP

BATTERY / POWER SYSTEM MONITORING

EMERGENCY PHONE / SECURITY SYSTEM AVAILABLE

OPTIONAL WIND TURBINE

LEVEL 1 / LEVEL 2 CHARGING

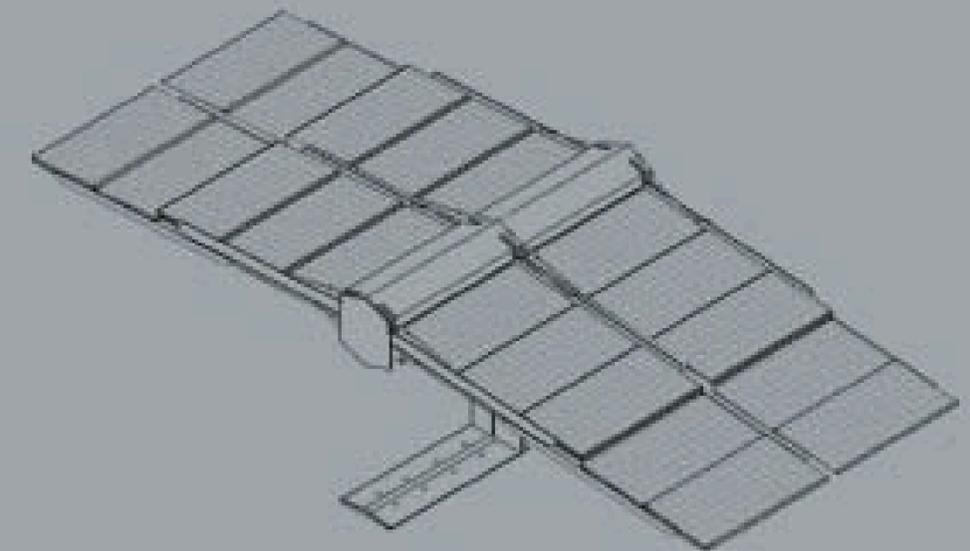
WITH TRIAL UNDERWAY TO MINIGRID INTO 30KW LEVEL 3

## PRICING

**DOUBLE AWNING START FROM \$137,500 EX GST**

**SINGLE AWNING START FROM \$98,500 EX GST**

PRICING AS PER SEPT 2024



# EVgle™ Timeline



MAY 2023 AUSTRALIAN PATENT LODGED

OCTOBER 2023 FIRST PROTOTYPE FOR EXHIBITION CONSTRUCTED

APRIL 2024 ADVANCE QUEENSLAND INDUSTRY GROWTH PROGRAM RECIPIENT

MARCH 2024 RECIPIENT ADVANCE QUEENSLAND IGNITE SPARK FUNDING

JULY 2024 INTERNATIONAL PATENT LODGED IN 156 COUNTRIES

NOVEMBER 2024 TARGET TO PRODUCE A FULLY WORKING VERSION EVGLE

EARLY 2024 SCALABLE MANUFACTURING TO START

# EVgle<sup>tm</sup> **POWER UP ANYTHING, ANYWHERE !**

Imagine going to a trip to an eco-cabin in the wilderness.

Driving an Electric Vehicle, will you get to destination ? Will there be an EV charger on destination?

With the EVgle<sup>tm</sup> on site, driving your EV to your favourite remote getaway is never a worry.

Just don't forget to bring that fishing rod!

Australia is the 6th largest country in the world with 7.6 million sq km, but due to its population concentration on the shoreline, it lacks a power grid that covers all the states



# EVgle<sup>tm</sup> INSTANT POWER FOR DISASTER ZONE

Natural disaster always followed by loss of power.

Hand in hand with emergency crew, EVgle<sup>tm</sup> can be installed in almost any situation.

With battery and all sensitive equipment located at the top canopy, EVgle<sup>tm</sup> can provide instant backup power with safe clearance of raising water / debris up to 2.2m high



DON'T JUST GO GREEN



EVgle™



UTILIZE OUR ILLUMINATED AWNING AS ADVERTISING SPACE

  
RESILIENCE  
DESIGN & BUILD

EVgle<sup>tm</sup>



WE MAKE RENEWABLE ENERGY LOOKING GOOD



# Join Resilience Design & Build to the future

Walk with us and share our journey to the future.  
We believe our foldable systems are best solution to housing and power crisis  
Please contact our representatives for further information and business plans

[www.rdab.com.au](http://www.rdab.com.au)

## Awards & Grants

- Australian Government Industry Growth Program Recipient
- Advance Queensland Ignite Spark Grant Recipient
- Winner of APAC Australian Enterprise Awards 2024
- Finalist Australian Women's Small Business CHAMPION Awards 2024
- Finalist Australian Financial Review 2024 – Most Innovative Companies Award
- Recipient of CSIRO 2024 - Innovate to Grow Program
- Winner Corporate LiveWire Innovation & Excellence Awards 2024



Advance Queensland Ignite Spark Program – Round 1 recipients



Most Innovative Off-Grid All Terrain Housing Solutions 2024



AUSTRALIAN WOMEN'S  
SMALL BUSINESS  
**CHAMPION**  
AWARDS 2024  
**FINALIST**