



Securing traditional industries, powering new opportunities

DECARBONISATION ACCELERATED



The Decarbonisation Accelerated project is a partnership between Greater Whitsunday Alliance (GW3) and the Resources Centre of Excellence (RCOE), along with major funding partner the Local Buying Foundation.

Business Bright Spot: Linked Group Services

Linked Group develops rapid deployment charging station for very remote locations

Greater Whitsunday business [Linked Group Services](#) has gone from being an electrical services company and providing trade services to the mining sector, to becoming a renewable energy products manufacturer servicing multiple sectors across the country.

Their 3000sqm fully sustainable manufacturing facility, known as the 'Linked Powerhouse', operates 100% off renewable energy, including their fabrication workshop. The facility operates entirely off the grid with solar power generating the majority of its energy, which is then stored in a Tesla power battery pack and backed up by a micro turbine.

Managing director Jason Sharam said the energy supply was super reliable, having never run out of power even during weather events such as cyclones.

Their renewable energy products include an EcoPort, EcoHabitat, EcoSkid, EcoHub and they have recently been recognised for their EV Charging stations.

More recently, Linked Group has developed a rapid deployment charging station, which is also solar powered, to provide fast charging facilities in very remote or regional areas where there is either a constraint on the grid (can't get enough energy) or no grid at all.

"We can provide that fast charging facility in the middle of nowhere which is what we're doing now by building the first two prototypes for NRMA. They will be placed on the Stuart Highway in a prominent location at the turn off to Ayers Rock," Jason said.

"They are 40-foot skids that have 26Kw of canopy that folds out once installed. On board they have a 80Kw inverter system that is backed up by 160Kw hours of battery and a 50Kva diesel generator, which has the capability to have hydrogen injection so we can reduce the emission when it is running.

"It also has two Tritium EV chargers on board as well, so a couple of cars can charge at once in the middle of nowhere!"

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Jason recently spoke to ABC Tropical North about the company's newest renewable energy products and its off-the-grid facility and you can listen by clicking [here](#).

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