



The EMC's Surface Long Haul EV Challenge

The **Electric Mine Consortium** has the ambition to accelerate progress towards the fully electrified zero CO2 and zero particulates mine by:

- Resolving technology choices
- Shaping the supplier ecosystem
- Influencing policy makers, and
- Communicating the business case

We are working on understanding the challenges and opportunities of zero carbon material movement options in the surface haul environment.

Given the fast pace of change in this area of focus and with no original equipment manufacturer solutions available in Australia, we are keen to throw the net wider.

WHAT ARE WE DOING?

Our expression of interest (EOI) is seeking participants/vendors that can provide a solution in the area of:

1. Surface long haul electric vehicle conversion (battery), and/or
2. Charging infrastructure to support surface long haul vehicles, and/or
3. Small scale renewable energy infrastructure to interface with charging infrastructure in remote areas.

The Electric Mine Consortium would like to understand all surface long haul and associated infrastructure solutions that could help to decarbonise their Australian operations


GOLD FIELDS

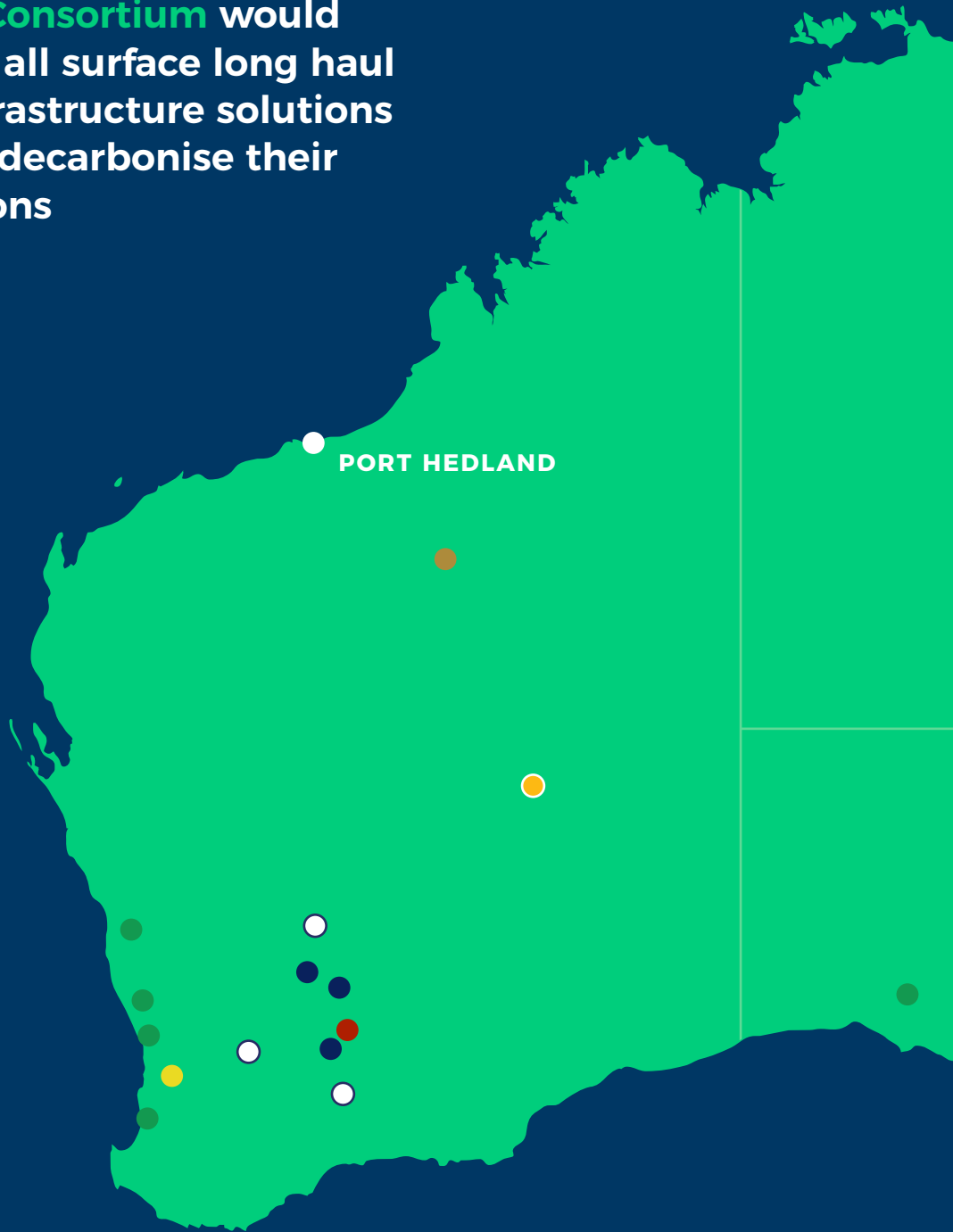
- Agnew
- Granny Smith
- St Ives

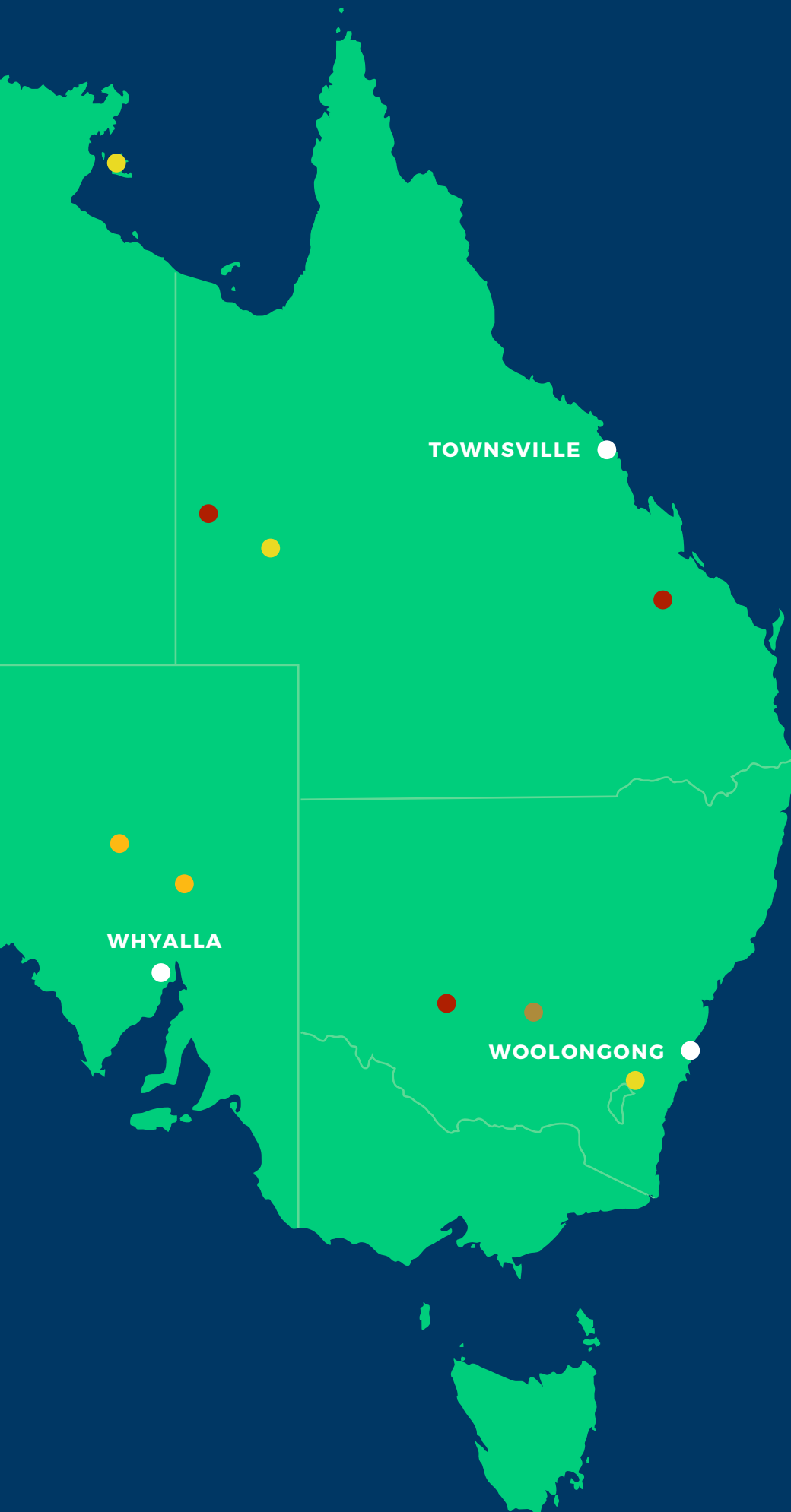


- Nova
- Cosmos Nickel
- Forrestania Nickel


ILUKA

- Jacinth-Ambrosia
- Cataby
- Narngulu
- Eneabba
- Capel





**Consortium Member
Australian sites**



- Telfer
- Cadia



- Ernest Henry
- Lake Cowal
- Mungari
- Mt Rawdon



- Cannington
- GEMCO
- Worsley Alumina
- Illawarra Metallurgical Coal



- Prominent Hill
- Carapateena
- West Musgrave*

*Project

WHO ARE WE LOOKING FOR?

We are looking for parties to solve our long haul emission challenge, either individually or through a collaboration.



Mining & transport contractors



Technology, infrastructure and renewable energy vendors



Designers and Engineering companies

KEY DATES

DESCRIPTION	DATE
EOI released	1 August 2022
EOI Briefing Session	10 August 2022
EOI submission closing date	5pm, 16 September 2022

CONTACT DETAILS

If you want more details or to apply, head to: www.electricmine.com/getinvolved
For any questions, please contact surfacelonghaulev@stateofplay.org

SLATE



Barmenco



NUKON



zero
AUTOMOTIVE

