

Future proofing Australia

How renewables can power our economy
and wellbeing

21 August 2019



Beyond Zero Emissions creates **independent** **and ambitious** climate change solutions for Australia

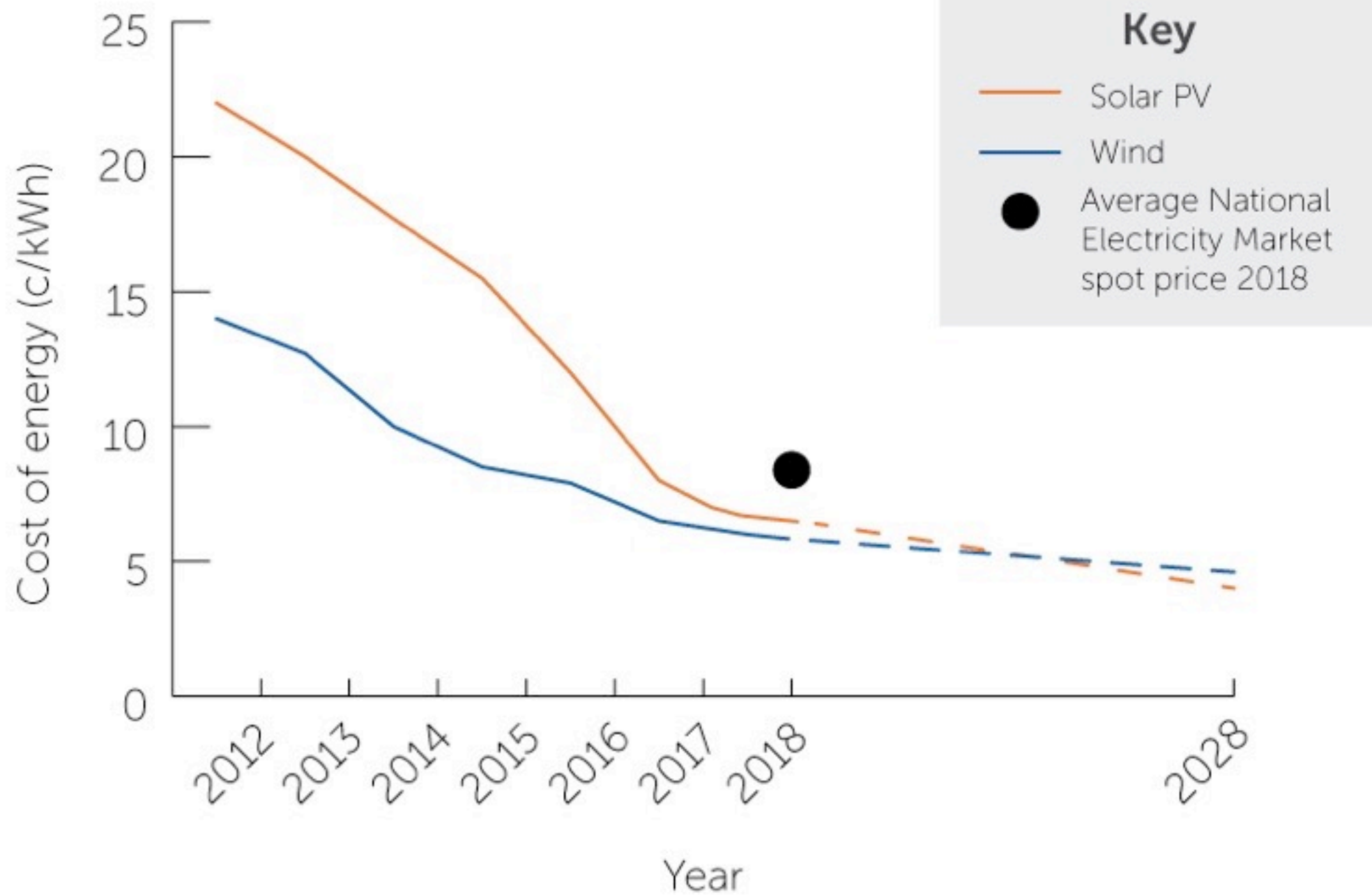


Australia can be a **renewable energy superpower** in the global zero carbon economy



A powerful coalition of **governments, investors, business & community** is driving a **zero carbon future**






Manufacturing plays a **vital role** in the Australian economy



Electrifying industry would make Australia
a world leader in energy-intensive,
zero carbon manufacturing





Introducing the **Zero Carbon Factory**:
100% renewable, no fossil gas, meeting
demand for low-carbon products

Image source: Patsy McEnroe Photography Inc.



The 10 Gigawatt Vision

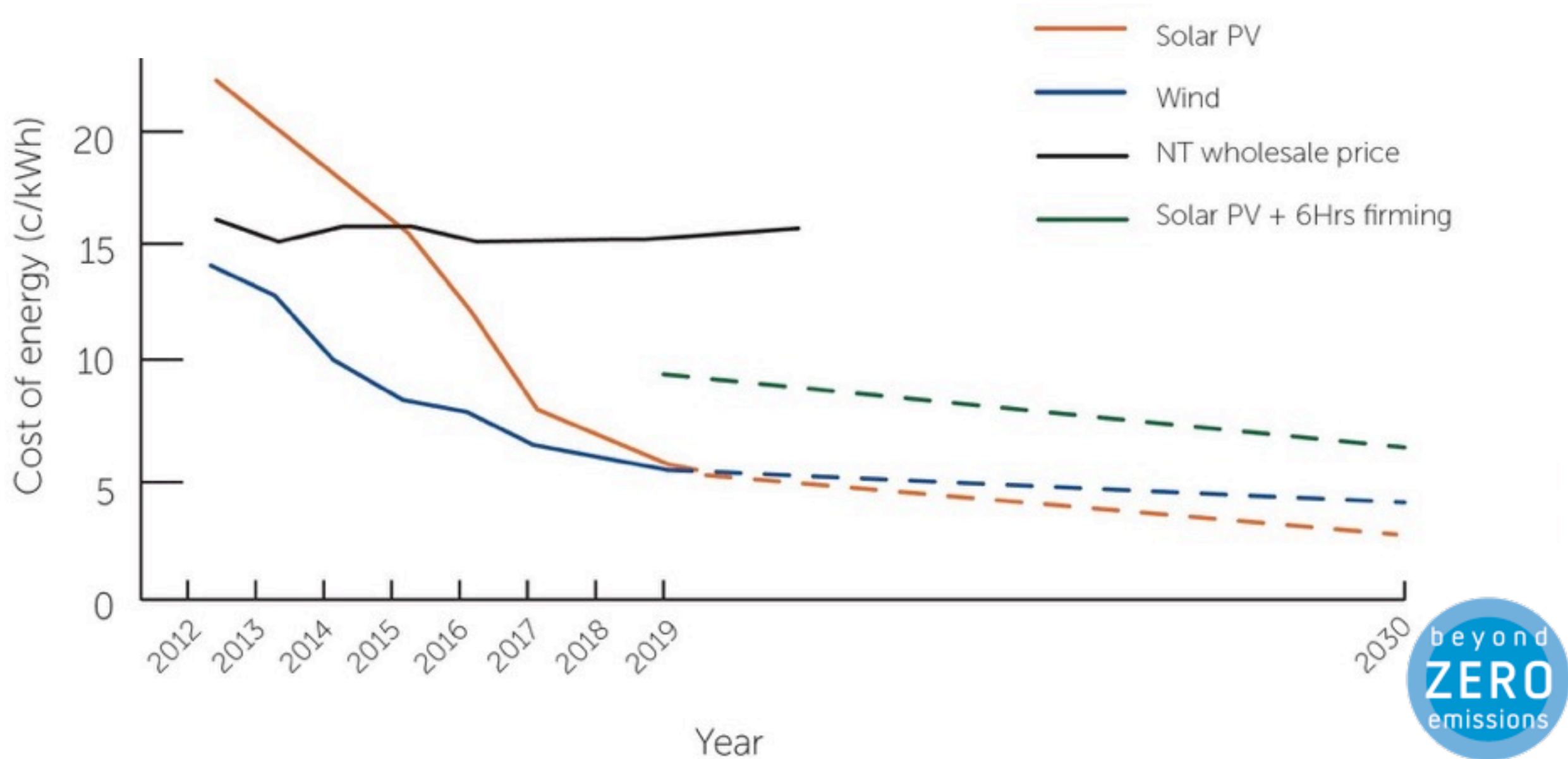
How renewable energy can power jobs and investment in the Northern Territory



Putting the **Northern Territory** at the
forefront of the global move towards
renewable energy



The rise of renewables



The 10 Gigawatt Vision

A man and a woman, both wearing white hard hats and high-visibility yellow safety vests over blue work shirts, are looking towards the right. The man has a beard and glasses. The woman is pointing her right index finger upwards. They are in a large industrial facility with various pieces of machinery and equipment visible in the background.

> 8,000 new jobs

> \$2 billion annual new revenue

80% saving in transport bills

30% saving in household electricity bills



Renewable hydrogen

\$4.4B Australian hydrogen export market by 2030

By leading this market, NT could generate:

960 direct jobs, 2,839 indirect

\$590M direct economic contribution




Mineral processing

2,250 new jobs and \$800M annual export revenue

Case study: Manganese alloy smelter
375,000 tonnes (7% NT production)
+ \$250M in value
+ 350 ongoing jobs



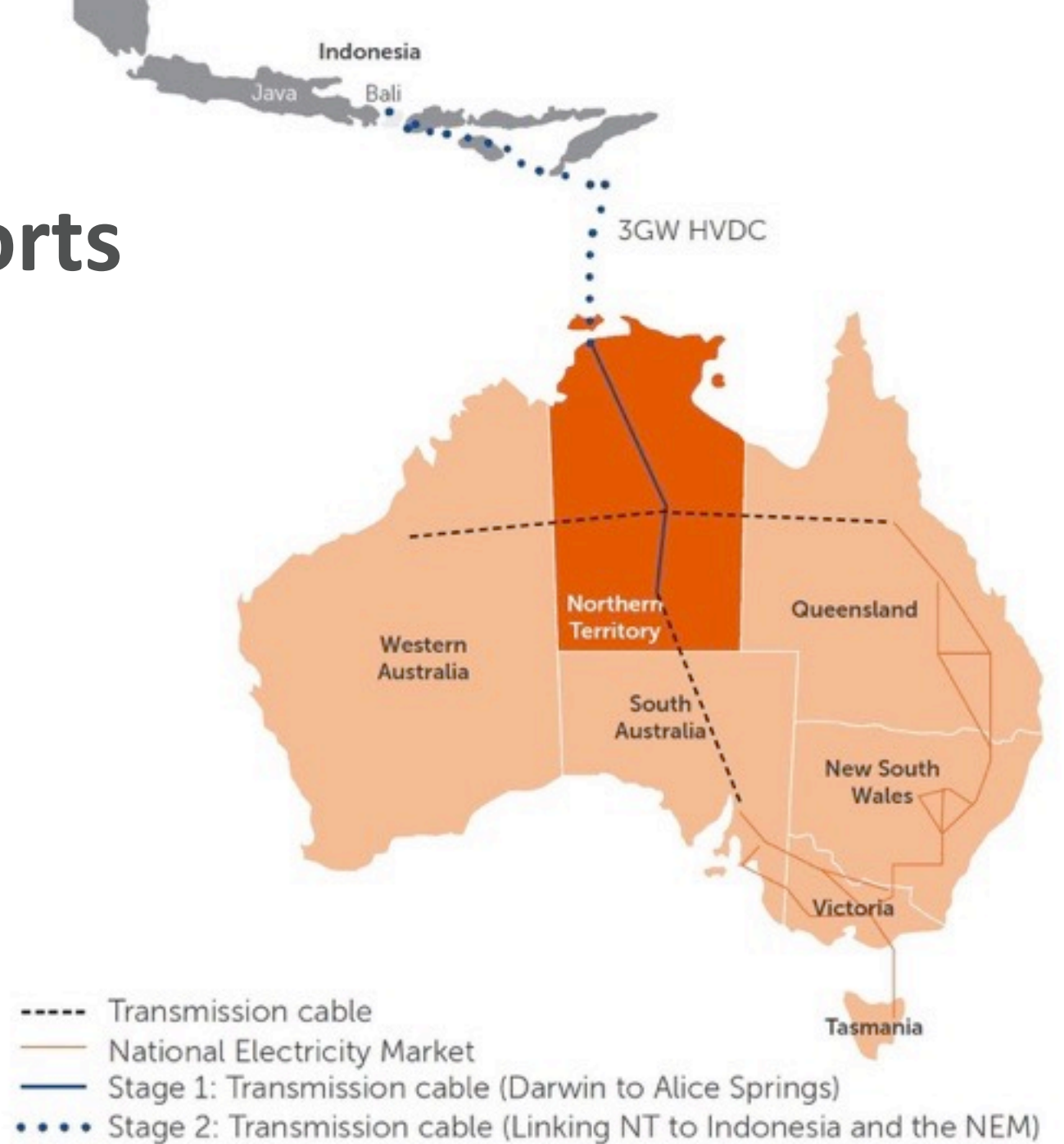
A photograph of a large industrial facility, likely a manufacturing plant. In the foreground, there is a complex piece of machinery with various pipes, valves, and a control panel. The machinery is mounted on a metal frame. In the background, there are long, blue industrial racks or storage units. The floor is polished and has yellow safety markings. The ceiling is high with visible pipes and lighting fixtures.

Boosting industry with renewables
> 1,000 new jobs in wind, solar & other sectors

Renewable energy exports

966 jobs

\$850M annual export
revenue



Renewable powered mine sites

Reduced energy costs

Cleaner, healthier work places

beyond
ZERO
emissions

Reduced cost of living with renewable energy

Electric homes and transport





Repower remote communities

Pilot renewable hydrogen microgrid in Yuendumu

A springboard for 100% renewable microgrids
in remote communities

beyond
ZERO
emissions

The background image shows two men in orange hard hats and safety vests working on a solar panel array. They are looking at the panels, with one pointing at a specific area. The sky is blue with some clouds.

Making it happen


Seize the opportunity

Develop a 10 gigawatt vision strategy

Develop incentives

Lobby for federal support





“The Northern Territory has an **incredible opportunity** to lead the world as a renewable energy hub, and seizing the opportunity will deliver **thousands of local jobs.**”

Michael Gunner, NT Chief Minister, 22 July 19





Becoming a **Renewable Energy Superpower**

A renewable energy boom that benefits all

Help BZE transform Australia into a RESP:

bze.org.au/donate

