

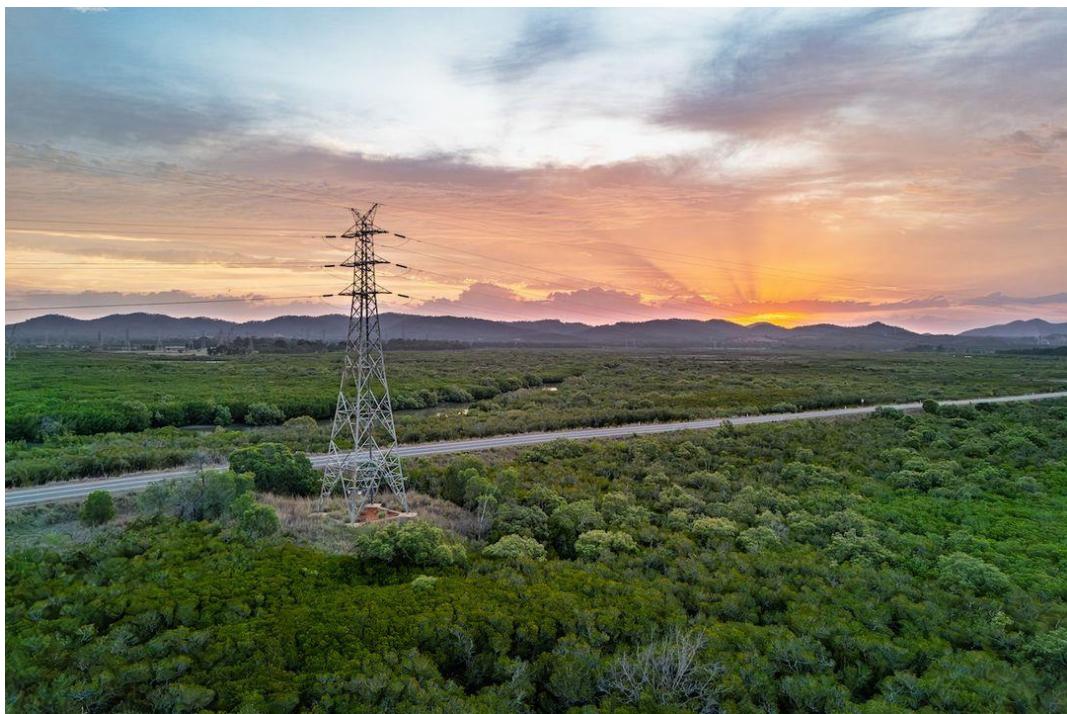


Beyond Zero Emissions (BZE)

Written by Emma Moore, HOPE researcher WA

With a focus on policy and industry engagement, Beyond Zero Emissions (BZE) aims to have a real impact across the nation. BZE was established in 2010, when they released a debut report called The Stationary Energy Plan. This report, which was the first of its kind, demonstrated that it was feasible and affordable to power Australia with 100% renewable energy within a decade. In the years following the release of this report came further research from organisations including the Australian Energy Market Operator (AEMO) and the Commonwealth Scientific Industrial Research

Organisation (CSIRO). This momentum opened the door for Australian states and territories to set renewable energy and zero emissions targets for the future. Now, BZE produces zero-emissions targets for all sectors of the economy, researches decarbonisation challenges in Energy, Buildings, Transport, Land Use, and Manufacturing, and works with communities to support the transition to zero emissions.

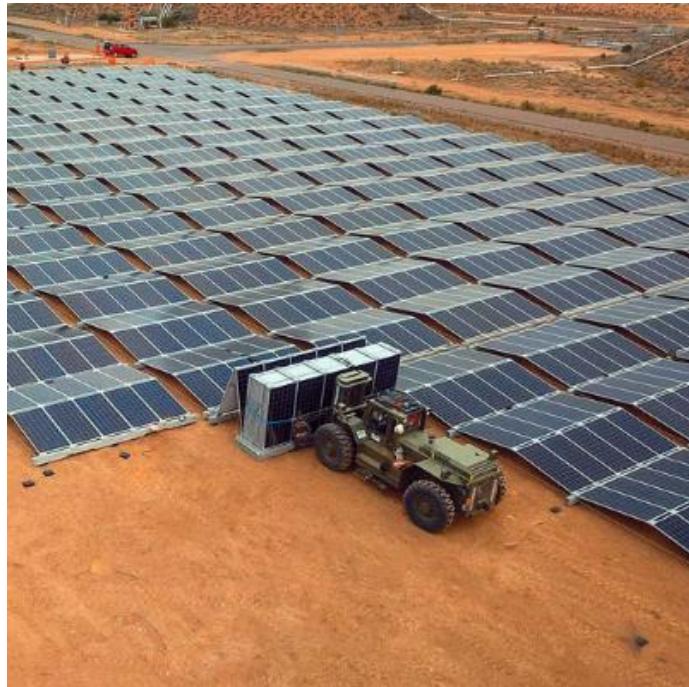


BZE's Nov 27, 2025 media release

BZE is an independent think tank advocating for the implementation of zero-emissions solutions in business and industry across Australia, led by volunteers. It envisions Australia becoming a leading renewable energy superpower. With BZE's National Action Plan, they define Critical Success Criteria (CSC) which will help evaluate the progress of government and industry towards zero-emissions and provide insight into how to support that progress. The National Action Plan will define key projects that must happen to ensure Australia meets its emissions reduction targets and secures a green economic future.

In response to the COVID-19 pandemic, in 2020, BZE launched a Million Jobs Plan to provide a framework to rebuild Australia's economy with renewable and low emissions projects. The plan aims to reduce unemployment, raise living standards, increase GDP, and boost private investment in low-carbon initiatives. BZE highlights that Australia is uniquely situated to drive the Million Jobs Plan with abundant solar and wind energy potential compared to the rest of the world. The Million Jobs Plan aimed to build 90 gigawatts of renewable energy within 5 years, creating thousands of jobs every year. The Plan includes building and retrofitting homes, not only improving living standards in more energy-efficient homes, but creating thousands of jobs for workers installing products such as solar panels, batteries, and replacing gas heating with electrical alternatives. Additional initiatives support industries including manufacturing and mining, public transport, resource recovery, land use and regeneration, education and research, and zero carbon communities. Since BZE released the plan in 2020, progress on adopting renewable energy across the country has been significant, with an overall doubling of renewable energy in the grid in the last six years.

In addition to their valuable research and reports, BZE showcases clean technologies that are currently commercially available that demonstrate the potential, should they be adopted on a wider scale, to support Australia's ongoing transition to zero emissions. Some of the technologies showcased include wave-generated electricity, heavy-duty electric vehicles, sustainable insulation, and low carbon cement. BZE demonstrates how these technologies can be rolled out over 5 years in their BZE Deploy report. The result of this would be an emissions reduction of 81%, which is significantly greater than the Australian Government's current target of 43%. BZE highlights that the clean technologies we need for a zero-emissions economy already exist and their ambitious and achievable plan could achieve net zero emissions before 2035.



BZE's cleantech showcase

Past events have included educational webinars discussing BZE's research reports and a cleantech spotlight held at the Parliament House in Canberra, which included key stakeholders from government and industry. BZE also regularly publishes media releases on their website commenting on climate relevant topics including government policy and changes to industry.

Looking forward to 2026, BZE aims to expand its reach in Western Australia, encouraging volunteers to register their interest online. BZE believes WA has strong potential in renewable energy and aims to decarbonise heavy industry. Their 2019 report, Collie at the Crossroads, identifies the Collie-Bunbury region as a key area that can support a transition to a renewable grid in WA and outlining pathways to achieving this, including policy recommendations that would incentivise industry transition away from coal.

You can subscribe to receive updates on the latest news and events from BZE [here](#). Opportunities for volunteers are also listed on their [website](#), as well as a donation [page](#).
