



# Rebalancing Regional & Remote Australia

*A plan to become a global carbon sink while creating sustainable communities*



**WEMC**  
World Energy &  
Meteorology Council



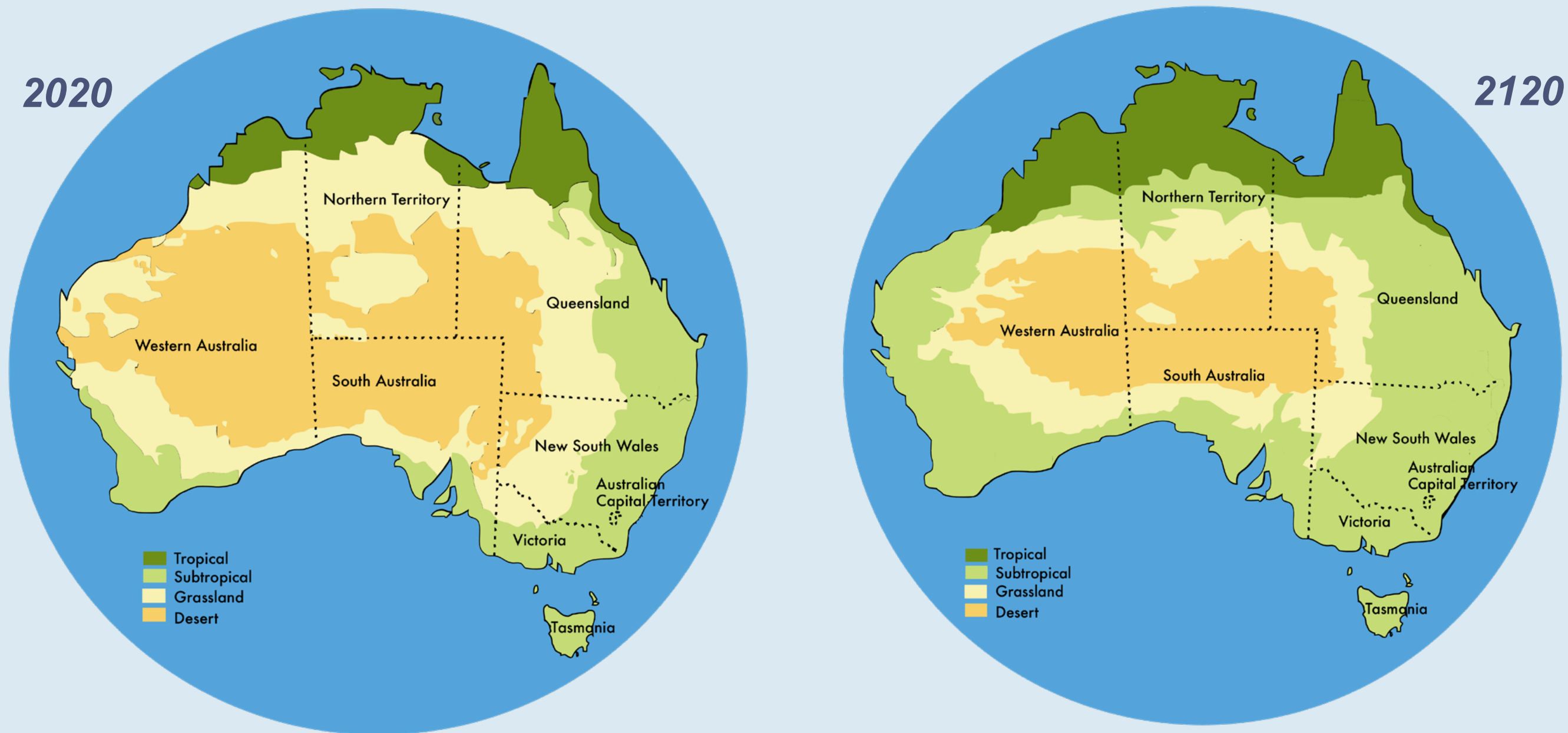
*Introducing Rebalancing Regional & Remote Australia, a strategic vision for carbon mitigation, sustainable development and community growth in the face of global climate challenges*





# VISION

The Rebalancing Regional and Remote Australia initiative envisions a future where advanced regenerative farming, re/afforestation, innovative power generation, desalination, and irrigation transform Australia. This plan aims to build vibrant communities and address critical global climate change challenges, resulting in significant emission reductions and contributing to global climate cooling, positioning Australia as a leader in sustainable development and environmental stewardship.



*This illustration contrasts Australia's current state ('2020') with the envisioned '2120' outcome in the Rebalancing Regional and Remote Australia plan. It shows fertile tropical (dark green) and sub-tropical/temperate areas (light green), including land transformed from semi-arid to fertile. Marginal grassland areas (yellowish) and deserts (orange) are depicted, with an estimated 40% of marginal land and 20% of desert areas projected to regenerate.*



# CONTEXT

While Australia contributes approximately 1% of global human-generated carbon emissions, its abundant natural resources, expansive territory, and robust potential for innovation uniquely position it to significantly impact overall global emission targets. Achieving these goals necessitates not only proven but cutting-edge and environmentally-friendly technologies, robust financing models, but also, and importantly, widespread social acceptance.

Australia is well-placed to be a leader in both technological and natural climate solutions, offering substantial opportunities for business and investment. This leadership role promises dual benefits: a significant boost to the nation's economy and a marked enhancement in environmental quality, encompassing climate, air, and water. The recent devastation from bushfires and floods, increasingly exacerbated by climate change, underscores the critical need for proactive and preventive measures.

With a landmass of 7.7 million km<sup>2</sup>, Australia ranks as the world's sixth-largest country, representing over 5% of global land. It is one of the driest countries, with an average annual rainfall of 450 mm, and features vast deserts and semi-arid lands. Additionally, Australia experiences one of the world's most variable annual rainfall, and this variability is on the rise. The unique combination of Australia's geographical features, its rich natural resources, the potential for ground-breaking innovation, and the pressing urgency presented by climate impacts, collectively make a compelling case for ambitious, forward-thinking development.





# SOLUTION

The Rebalancing Regional and Remote Australia initiative is a transformative strategy to enhance Australia's economy and revitalise its natural environment.

This comprehensive plan is committed to driving positive change by adopting and advancing innovative and cost-effective technologies across various sectors, underpinning sustainable economic growth. The strategy's success hinges on international collaboration, encouraging shared learning and distributed efforts to fuel robust and inclusive growth. Transforming Australia into a greener, more sustainable landscape holds immense potential for significant carbon reduction, thereby making a vital contribution to achieving global climate objectives.

This approach involves eight phases, each necessitating active engagement with diverse stakeholders, including indigenous communities. Key phases include policy formulation, securing financing, and addressing essential needs like energy, water, food through sustainable agriculture, and af/re-forestation. Flexibility is integral to the plan, allowing the sequence of these phases to adapt to changing needs and circumstances.

Central to this vision is the creation of new, sustainable communities, fostering a prosperous and safer future. Indeed, this initiative transcends environmental action, presenting a blueprint for holistic, community-centric development that prioritizes environmental consciousness and sustainable living.

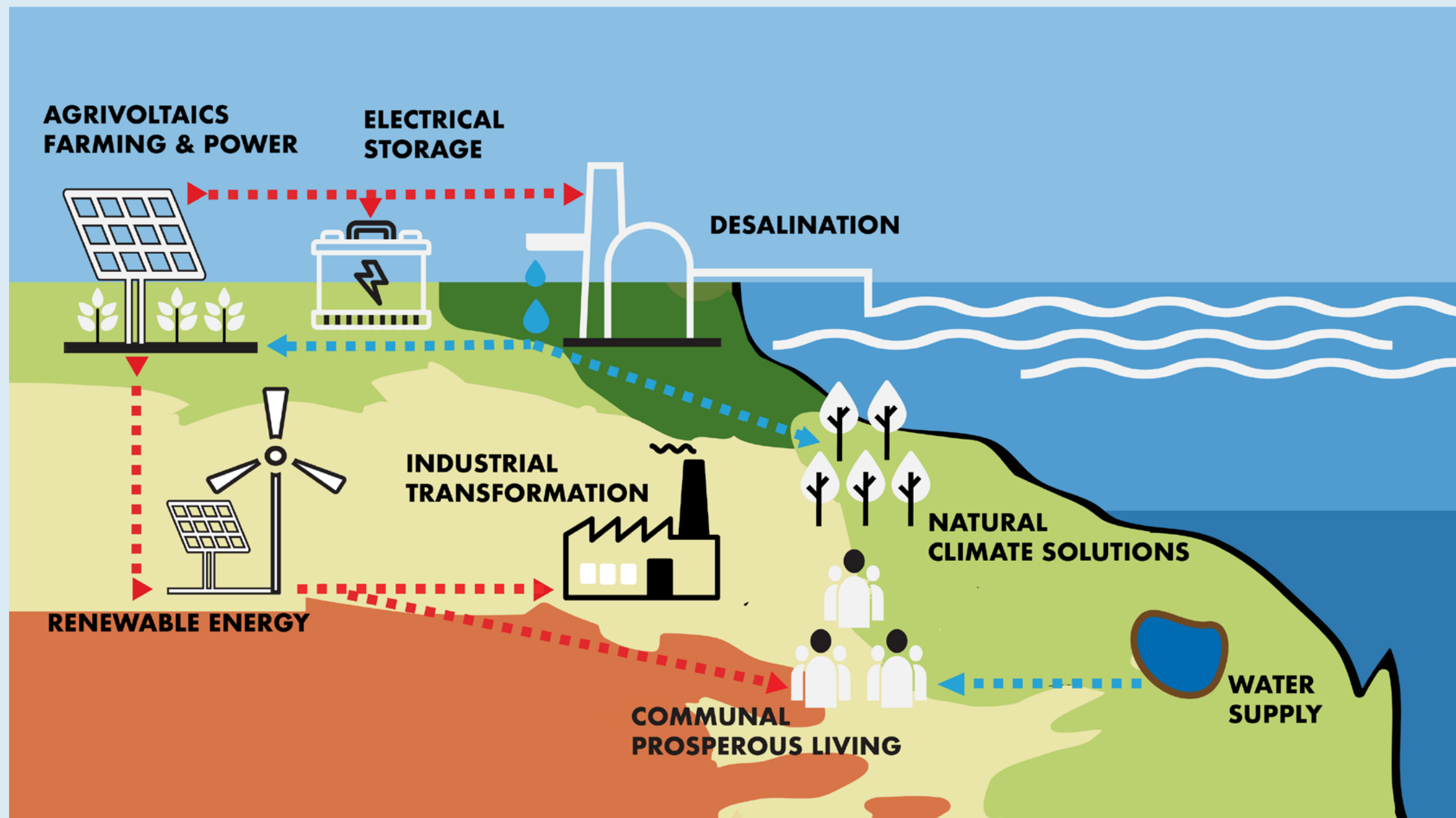


*This diagram illustrates a holistic strategy for transforming Australia's outback. It focuses on creating prosperous communities and achieving a harmonious balance between economic growth and environmental sustainability.*



# APPROACH

The Rebalancing Regional and Remote Australia initiative presents a unique approach to revitalizing key regions across the country. Central to this strategy is its adaptability, allowing for the initiative to be effectively applied to both larger regions and smaller, pilot-scale projects, each reflecting the integrated and comprehensive nature of the plan. This adaptability ensures that each phase of implementation contributes effectively to our broader objectives, while also being manageable and focused. As a first step, the pre-feasibility of a 100,000-person community pilot project has been conducted.

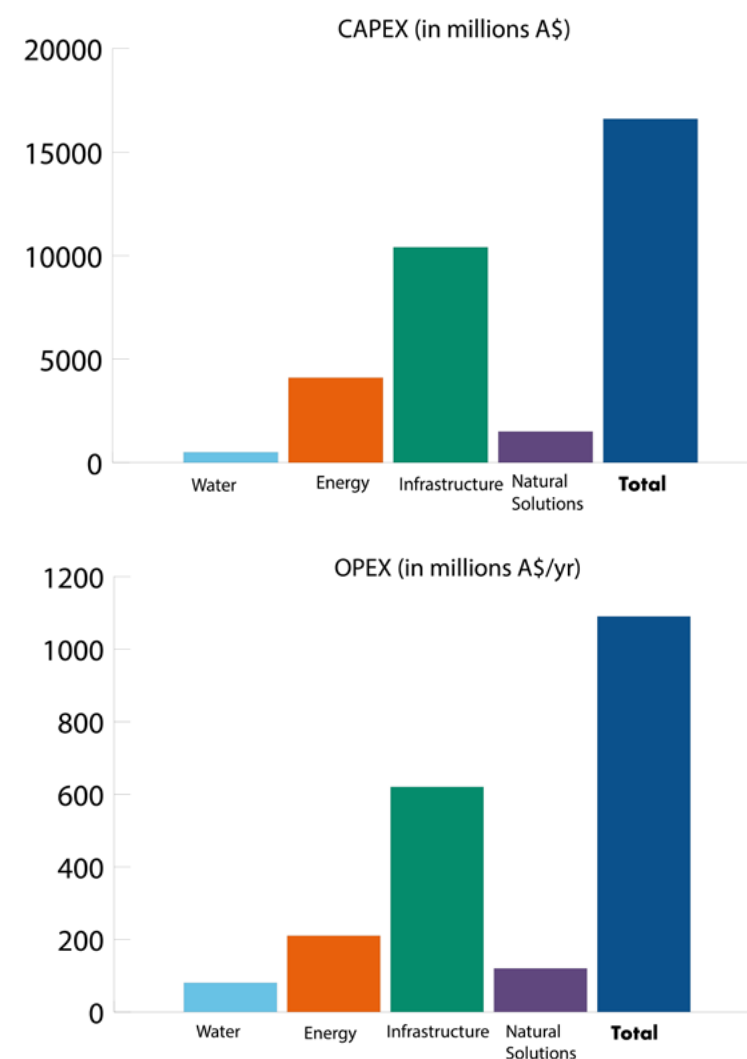


*This illustration offers a streamlined view of the Rebalancing Regional and Remote Australia plan. It outlines the plan's key components, demonstrating how they are applied within individual units or pilot projects.*



# FINANCIAL BLUEPRINT

Paving the way to sustainability, with our pilot project, designed for a 100,000-person community, we expect government and business income of A\$2,890 million, plus A\$360 million from GHG emission sequestration, annually. This strategy projects a net annual cash flow of A\$2,190 million, leading to an estimated return on investment in just over 10 years. The broader Rebalancing Regional and Remote Australia initiative comprises 200 such pilot projects.



*These figures illustrate the Capital Expenditures (CAPEX) and Operational Expenditures (OPEX) for our 100,000-person community project, detailing key investments. Note: Most water budget funds natural solutions (ca. 95%) and food (ca. 2%). This budget projection excludes potential additional opportunities, such as those in Garnaut's Superpower industrial transformation plan.*

# INVEST IN AUSTRALIA'S FUTURE

Embrace the transformative journey of the Rebalancing Regional and Remote Australia initiative. This pioneering initiative presents a unique chance for both private and public investors to be part of a large-scale movement in technology deployment and natural solutions, redefining human engineering and ecological balance.

## BE PART OF IT

*An opportunity to contribute to creating thriving communities, harmonizing human advancement with environmental care.*





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