

PRIF Integrated Mining Consortium

Celebrating successes | Government Initiatives | Precompetitive geoscience

Dr Bronwyn Camac | Wednesday 18 October 2023

energymining.sa.gov.au



As guests here on Aboriginal land, we acknowledge everything this department does impacts on Aboriginal country, the sea, the sky, its people and their spiritual and cultural connection which have existed since the first sunrise. Our responsibility is to share our collective knowledge, recognise a difficult history, respect the relationships made over time, and create a stronger future. We are ready to walk, learn and work together.



Central Power House,
Umuwa, courtesy of APY

Mission 1: Capitalise on the global green transition

Utilising South Australia's sustainability credentials and natural endowment to provide green energy, products and services to the world, contributing to both our smart and sustainable economy ambitions.

The levers of change

- Regulation and policy
- Industry development
- Leadership
- Reputation and verification
- Finance and funding



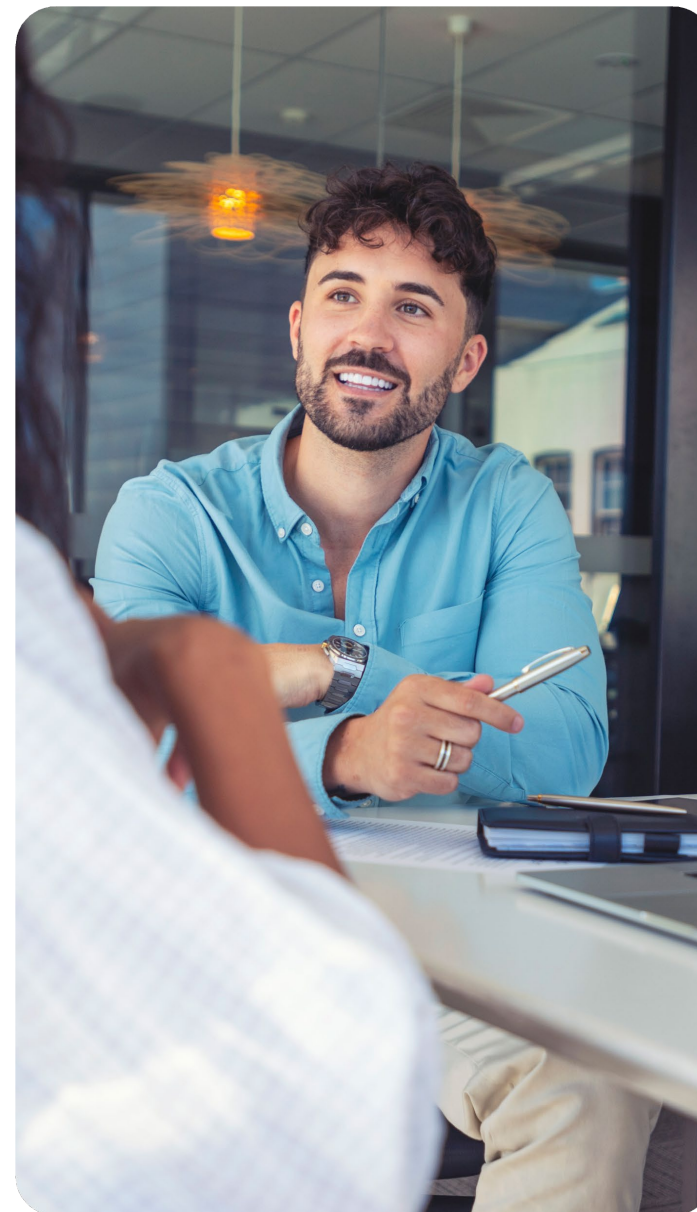
Lincoln Gap

Mission 2: Partner of choice in an insecure world

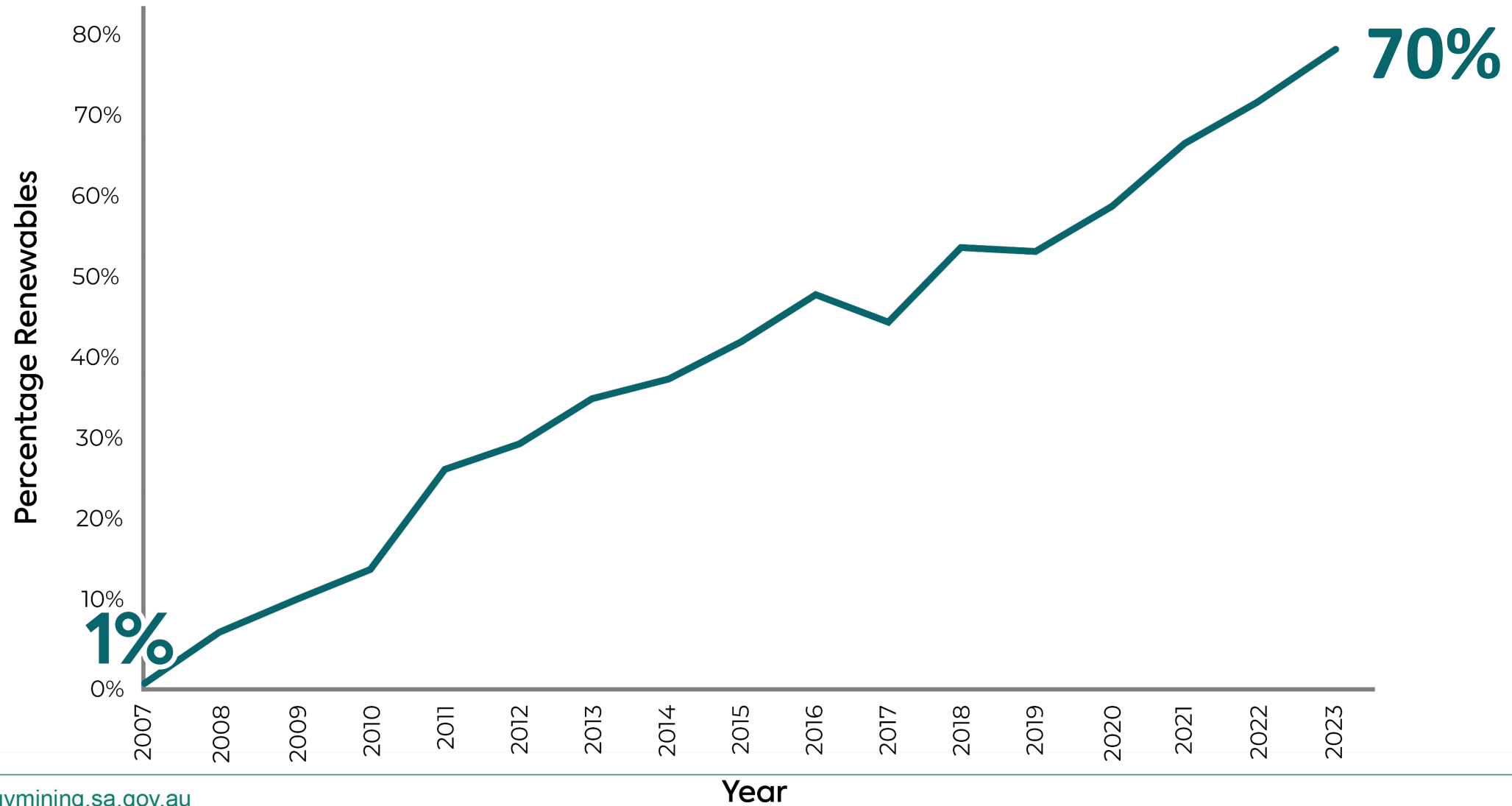
In an increasingly fragmented world, taking advantage of the relative security and stability of South Australia, as well as our industry strengths, to move our exports up the value chain to more complex products.

The levers of change

- Defence, space and cybersecurity industries
- AUKUS
- Sovereignty and **supply chains**

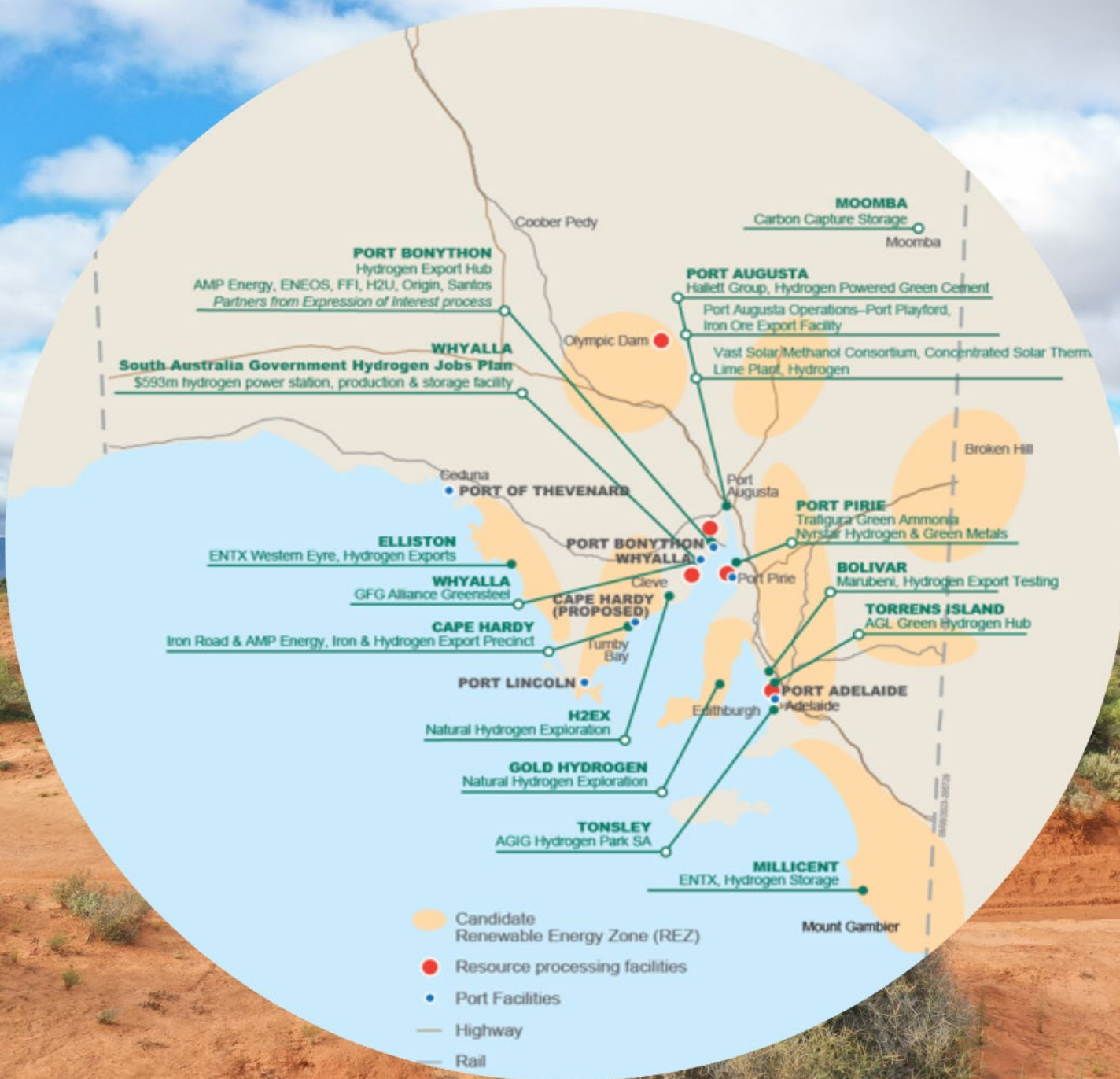


Our road to 100% renewables



Spencer Gulf Leading the Superpower Transformation

- ✓ Ideally positioned to produce green hydrogen
- ✓ Home to valued mineral deposits
- ✓ Prospective critical minerals and processing
- ✓ Australia's largest multi-metals smelter
- ✓ Uniquely placed to meet world's demand for green minerals, metals and fuels and metallurgical recycling.



Precompetitive Geoscience and the METS Sector

Provides valuable data, reduce costs, drive innovation, mitigate risks, foster collaboration, and contribute to the overall success and sustainability of the Mining, Exploration, and Technology Services sector.

- **Data Availability**
- **Cost Reduction**
- **Targeted Exploration**
- **Risk Mitigation**
- **Regulatory & Environmental Compliance**
- **Long Term Sustainability**



Playing to our strengths

- Mineral sands
- Graphite
- Rare Earth Elements
- Cobalt
- Halloysite-Kaolin (HPA)
- Magnesium

Next steps

- ✓ clear understanding of our inventory
- ✓ processing hubs have opportunity to expand
- ✓ Geoscience, metallurgy, processing upskilling hub – R&D / education



Mission 3: Build South Australia's talent

To assist our transition to a smart, sustainable and inclusive economy, enabling South Australia to make the most of economic opportunities arising from the above two missions, while ensuring all South Australians can participate and enjoy a higher standard of living.

The levers of change

- People
- Organisations
- Liveability
- Culture



Research Innovation Fund

- Strengthening the state's research and development capacity and capability
- Supporting the commercialisation of products and services that have potential to bring significant benefits to South Australia, such as creating high-value jobs, generating revenue and increasing exports.
- Contributing to the growth and development of the State's entrepreneurial and innovation ecosystem to enable organisations to grow and scale into global markets; and
- Encouraging greater business investment in research, development and innovation within South Australia.



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