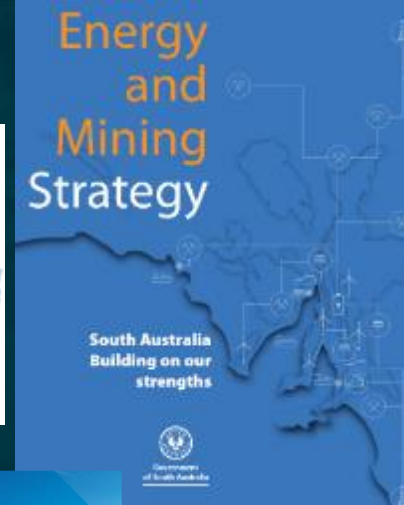


Energy transition opportunities in South Australia



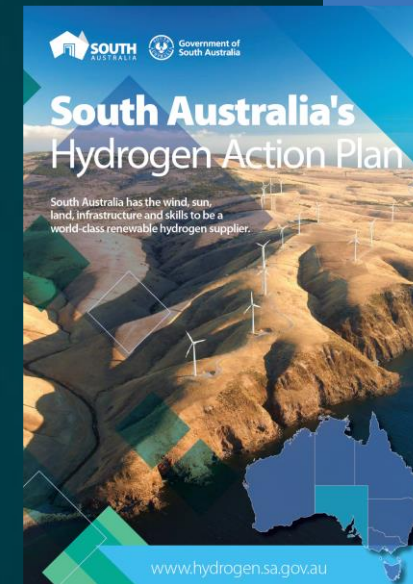
Unlocking the value of energy and resources

- Deep sea ports for magnetite & hydrogen
- Precinct infrastructure planning for green steel, copper and chemicals, space, digital technology, critical minerals, carbon capture and storage
- Freight routes – seal the Strzelecki Track to Moomba



Lowering energy costs

- Power interconnection, renewable energy investment & supporting energy intensive industry growth, underpinned by natural gas



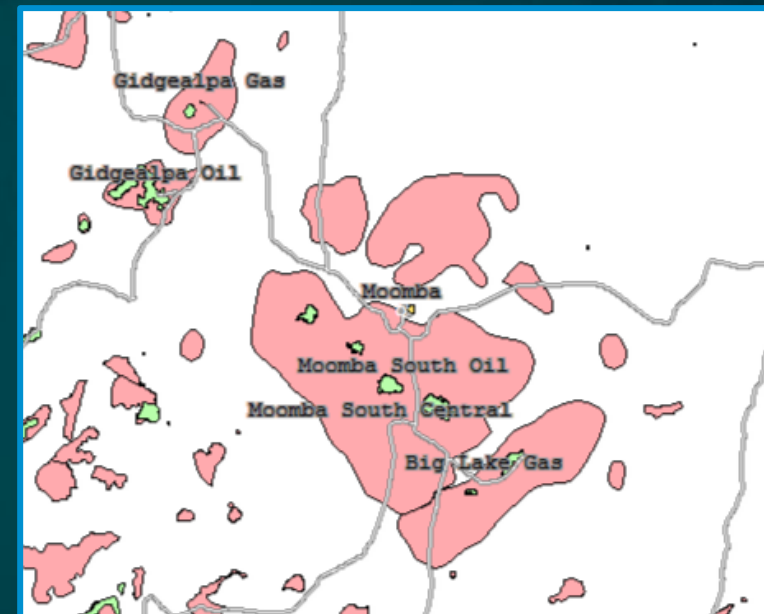
Growing new industries

- Hydrogen – action plan, new ports infrastructure.
 - Electric vehicles – regional charging infrastructure.
- www.renewablesa.sa.gov.au

Transforming the Cooper Basin – CCS and hydrogen



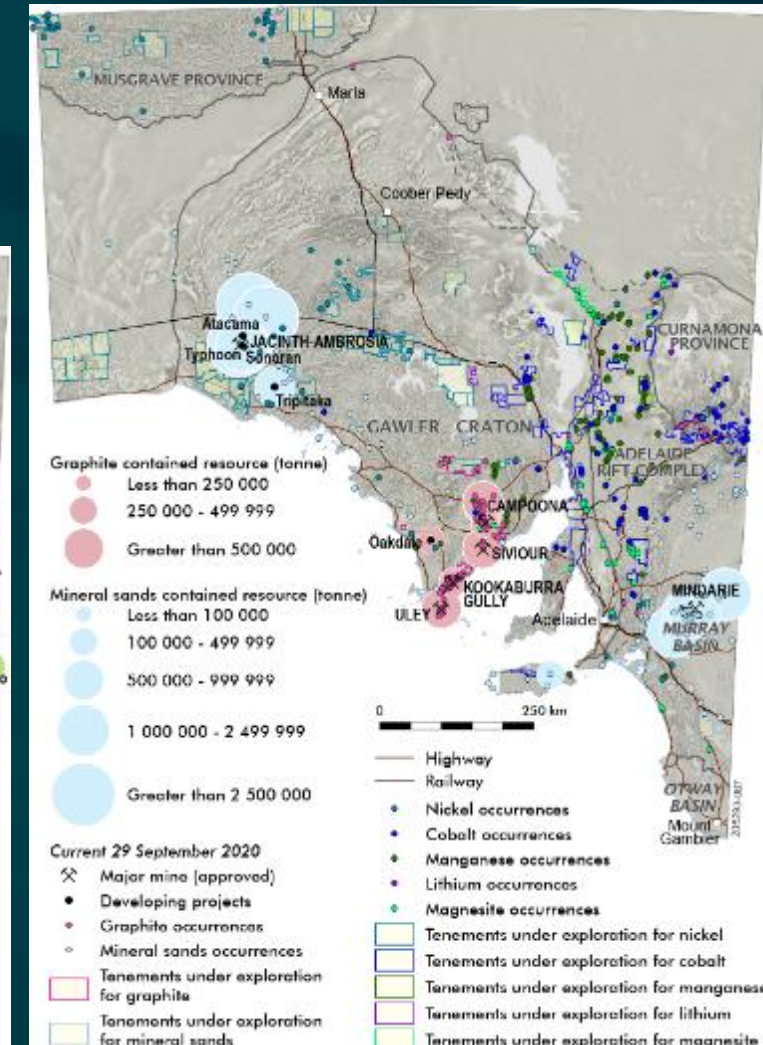
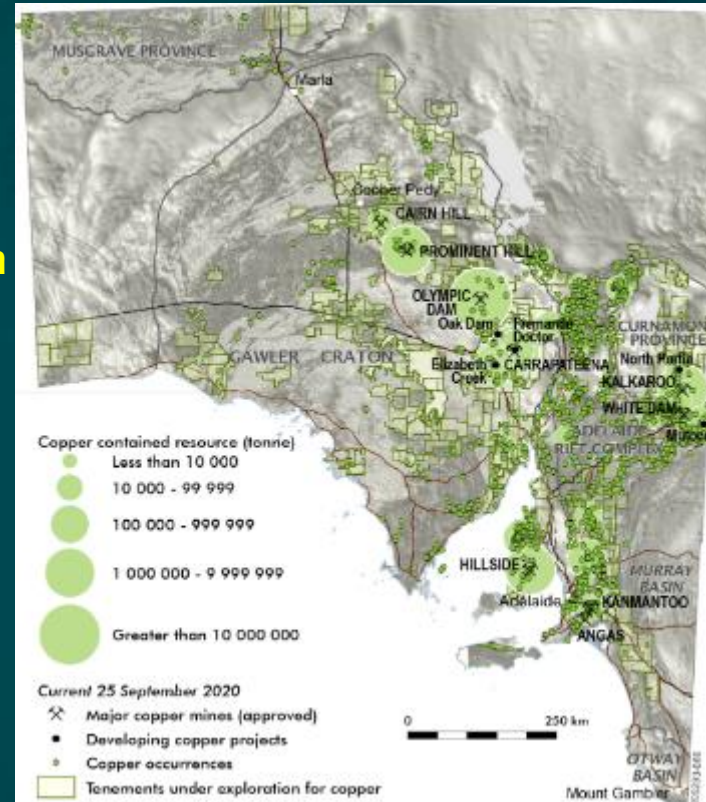
- Carbon capture & storage has potential to extend Moomba gas facility life for 50 years and decarbonise Cooper Basin gas production
- Moomba has “the lowest-cost carbon capture and storage project in the world” (Santos Ltd)
- Non-binding agreement for BP to contribute \$20m to the Santos and Beach JV Cooper Basin CCS project
- Potential to inject 20 million tonnes of CO₂ per year for 50 years
- Santos - concept study to de-carbonise Cooper Basin natural gas at source to make “zero-emissions” or “blue” hydrogen
- The CO₂ by-product would be injected into depleted gas reservoirs



Critical Minerals in South Australia



- **World's largest zircon mine – Jacinth-Ambrosia, also bears rutile.**
- **65% of Australia's graphite resources**
- **Cobalt prospects, previously mined Mt Gunson, Mutooroo etc**
- **Nickel discovery - Claude Hills**
- **Prospective for manganese, magnesite, gallium**
- **Rare Earths**
- **68% of Australia's economically demonstrated Copper resources**
- **Produces ~25% Australia's Cu**



For more information:

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<https://map.sarig.sa.gov.au/>

Invest in South Australia



The Department for Trade and Investment is the South Australian Government's lead team for major investment projects. Our case management approach involves listening to and understanding investor needs, recognising opportunities and tailoring agreed solutions – which in turn opens the door for viable investment and re-investment

Current Renewable Energy & Mining Investment Ready Projects

<https://invest.sa.gov.au/sectors/energy-and-mining>

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