



Low emissions future - investment opportunities in Australia's Northern Territory

Australia PETROLEUM

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Low emissions strategies & projects



Northern Territory strategies and policies

- Climate Change Response: Towards 2050 achieve zero net emissions by 2050
- Roadmap to Renewables 50% renewable energy from grid-connected installations by 2030

Solar Energy Projects

- Sun Cable – world's largest solar farm generating 10 GW
- ENI Australia – acquisition of three solar projects on the NT (Batchelor, Manton Dam: both 12.5 MW and Katherine: 33MW)



Renewable Hydrogen Strategy centre for renewable hydrogen technology research, production and downstream manufacturing aligning with Australia's National Hydrogen Strategy



The Territory Critical Minerals Plan



- The Northern Territory has potential to become an important player in the critical minerals supply chain
- Strong endowment in rare earths, vanadium, lithium, tungsten, magnesium (+ copper)
- Opportunities for downstream processing
- NT government and companies keen to engage with end users in Europe/UK, North America, Japan and South Korea

WIND TURBINES ELECTRIC VEHICLES ROBOTS MRI MACHINES PHONES & TABLETS

The Territory Critical Minerals Plan

VISION

The Territory is a globally significant critical minerals producing, processing and manufacturing centre

3 Point Plan

1. Accelerate exploration for critical minerals
2. Support critical minerals projects to commence production
3. Grow refining, processing and manufacturing of critical minerals in the Territory

Department of Resources and Northern Territory Government

Territory's critical minerals projects



[Australian Critical Minerals Prospectus 2020](#)

Key NT projects representing potential investment or offtake opportunities

TNG Ltd: Mount Peake V-Ti-Fe
160.4 Mt @ 0.28% V_2O_5 , 5.3% TiO_2 , 23% Fe

- Processing plant in Darwin
- All approvals in place for mine site

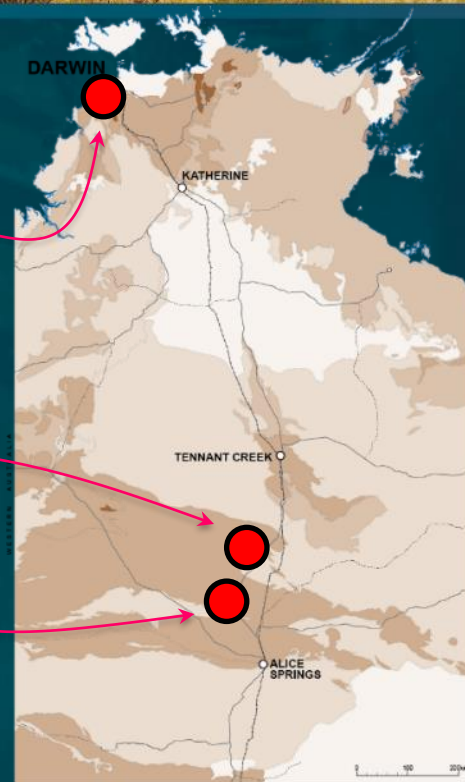


Core Lithium– Finnis project
14.7 Mt @ 1.3% Li_2O

- Close to Darwin port
- All approvals in place for mine to produce spodumene concentrate
- Seeking equity investment

Arafura Resources- Nolans rare earths

- Large resource of magnet feed rare earths (NdPr)
- Processing to oxide products at mine site
- Environmental approvals in place



Further information at [Invest NT](#)