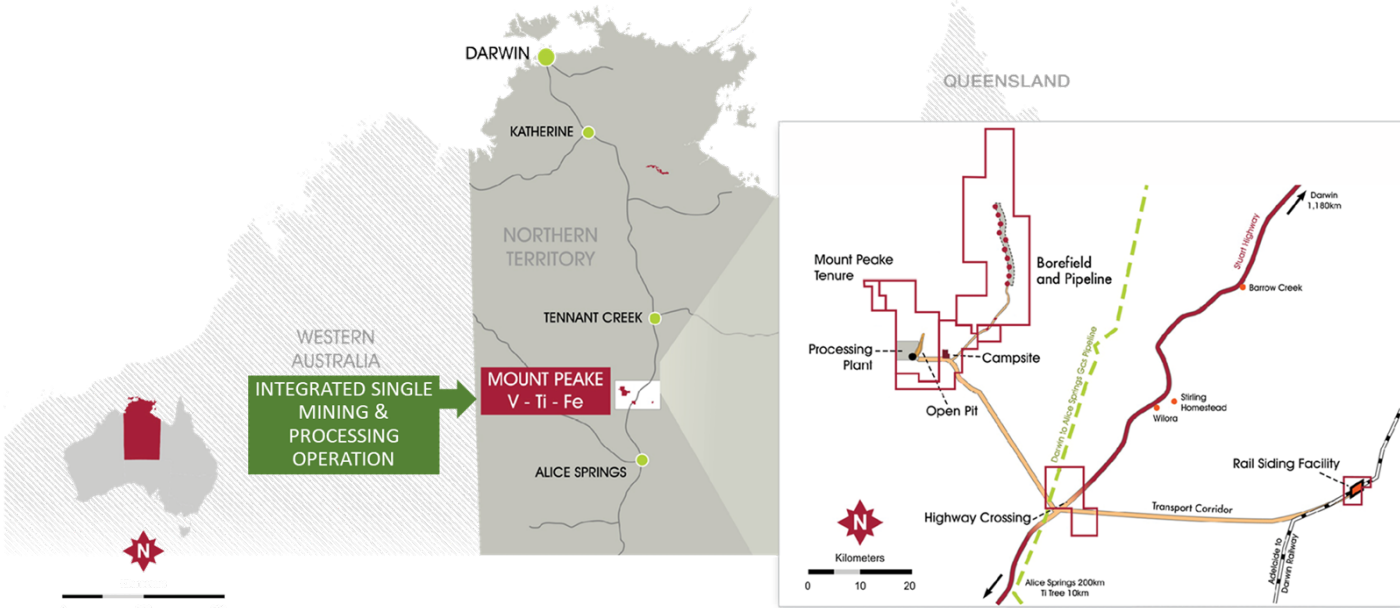


Mount Peake Project

TNG is an Australian resource and mineral processing technology company progressing towards development of its 100% owned world-class Mount Peake Vanadium-Titanium-Iron Project in the Northern Territory, Australia

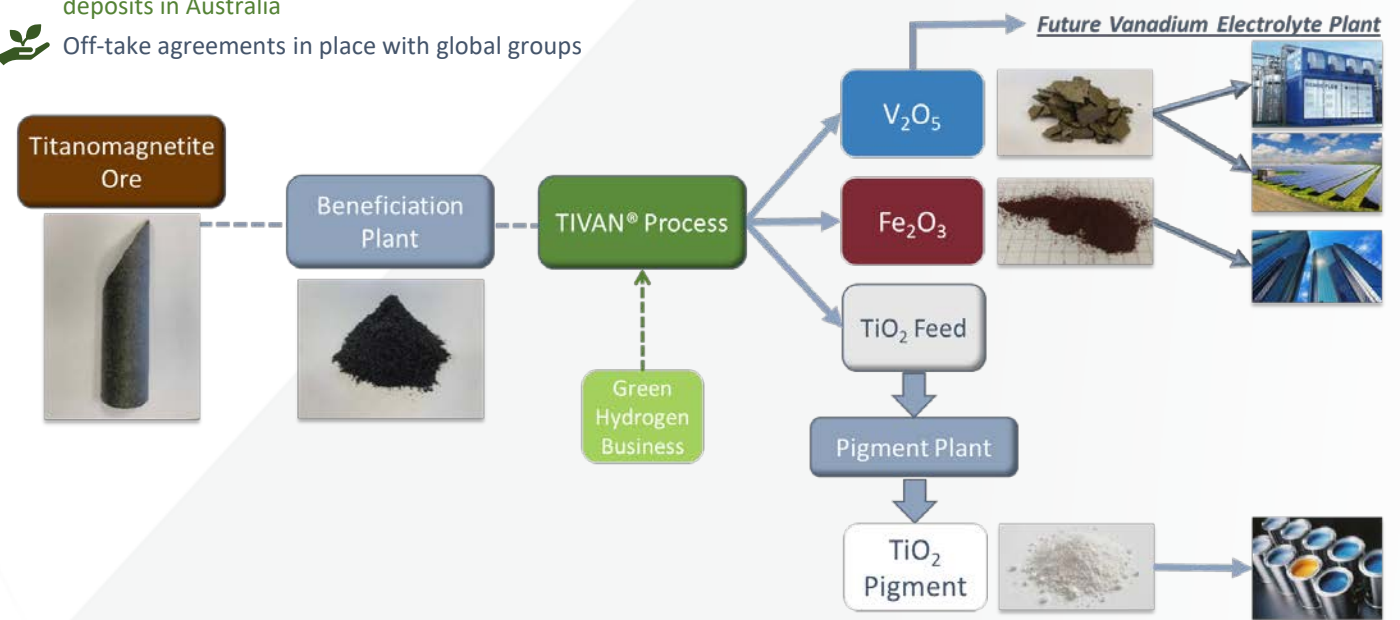


PROJECT HIGHLIGHTS

- Vertically Integrated Production of V_2O_5 , TiO_2 Pigment, Fe_2O_3 at Single Site
- Consolidated and integrated mining and advanced processing operation at the Mount Peake Mine Site
- TNG's TIVAN[®] technology enables production of three high-purity products at commercial grade
- Major Project Status awarded by the Australian Federal Government and the Northern Territory Government
- One of the largest flat-lying, shallow vanadium-titanium deposits in Australia
- Off-take agreements in place with global groups

TIVAN[®] PROCESS

TIVAN[®] is a patented treatment process designed by TNG. This process is unlike other existing metallurgical treatment processes in the global market for this type of ore body. By utilising the TIVAN[®] Process, TNG will be able to extract three high-value strategic elements – **titanium dioxide, vanadium pentoxide and ferric oxide** – from the magnetite concentrate to produce high-purity products for export from Darwin.



THREE HIGH VALUE – HIGH PURITY PRODUCTS

| PRODUCT | TITANIUM DIOXIDE PIGMENT (TiO ₂) | VANADIUM PENTOXIDE (V ₂ O ₅) | IRON OXIDE (Fe ₂ O ₃) |
|--------------------------|---|--|--|
| TNG'S AVERAGE PRODUCTION | 100,000tpa (1.5% of world demand) | 6,000tpa (3.5% of world demand) | 500,000tpa (0.5% of world demand of fines) |
| MAIN USAGE | Paint, plastics, paper and inks | Steel, superalloys, chemicals, catalysts and energy storage (VRFB) | Steelmaking |
| OFFTAKE | LOM Offtake Agreement with DKSH to buy up to 100% of TNG's production | LOM Offtake Agreement with Woojin to buy up to 60% of TNG's production LOM Offtake Agreement with Gunvor (Singapore) to buy up to 40% of TNG's production | LOM Offtake Agreement Vimson Group to buy 100% of TNG's production |
| TNG PRODUCT PRICE | Expected 3% to 5% premium on market price as TNG product will be a high durable pigment | Expected 10% to 15% premium on market price for TNG product at 99.6% | Expected 10% premium on market price for TNG product above 64.4% |

TNG ENERGY

Environmentally Sustainable Resources

HYDROGEN PRODUCTION TECHNOLOGY

- JV formed with Malaysian energy company AGV Energy to progress green hydrogen project in Darwin using the HySustain™ green hydrogen technology
- HySustain technology can be used in other site locations
- AGV has offtake arrangements in place
- Green hydrogen significantly reduces carbon emissions and is a sustainable solution for global decarbonisation
- The JV forms part of TNG's strategy for reducing net carbon emissions, including from the Mount Peake Project
- HySustain™ project could be located in Darwin, NT
- Scoping of the initial project opportunity in Darwin is underway



VANADIUM REDOX FLOW BATTERIES - VRFB

- Heads of Agreement for JV with leading Singaporean-based battery technology development company, V-Flow Tech
- Technology and process design study for a Vanadium Electrolyte production facility underway
- Vanadium is the only element used in VRFB
- Business plan completed with TNG supplying VE for VRFB
- Suitable sites are under investigation
- VRFB is used for energy storage from sources as: solar, windmill, etc
- VRFB is suitable for large-scale energy storage



CORPORATE DATA

| | |
|-------------------------------|----------------|
| ASX code | TNG |
| Cash as at 30 Sep 2021 | A\$7.2 million |
| Shares on issue | 1.25 billion |
| Market capitalisation (at 8c) | A\$100 million |

TOP SHAREHOLDERS

| | |
|--|--------|
| Deutsche Balaton & Associates (DEU) | 12.28% |
| Vimson Group (IND) | 8.86% |
| WWB Investments P/L & Associates (AUS) | 7.47% |
| SMS Investments SA (DEU) | 1.21% |