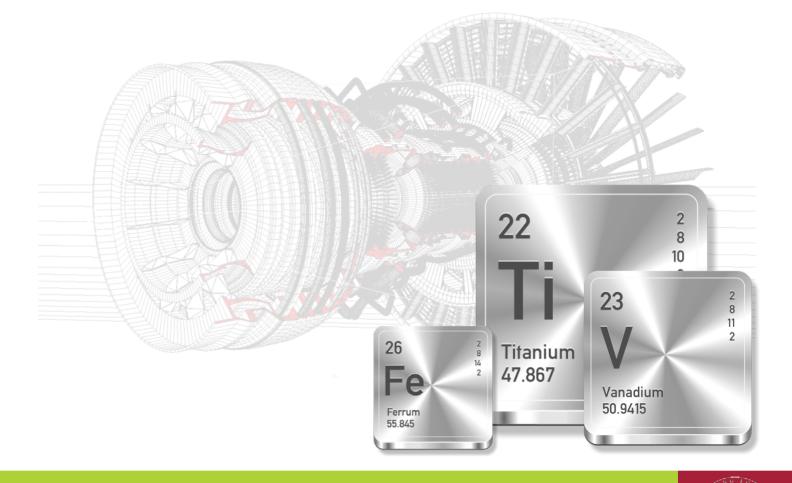


TNG LIMITED ASX: TNG



Developing Mount Peake: The right partners, the right metals, the right time Diggers & Dealers, August 2016 – Paul Burton, Managing Director

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COMPETENT PERSON'S STATEMENTS

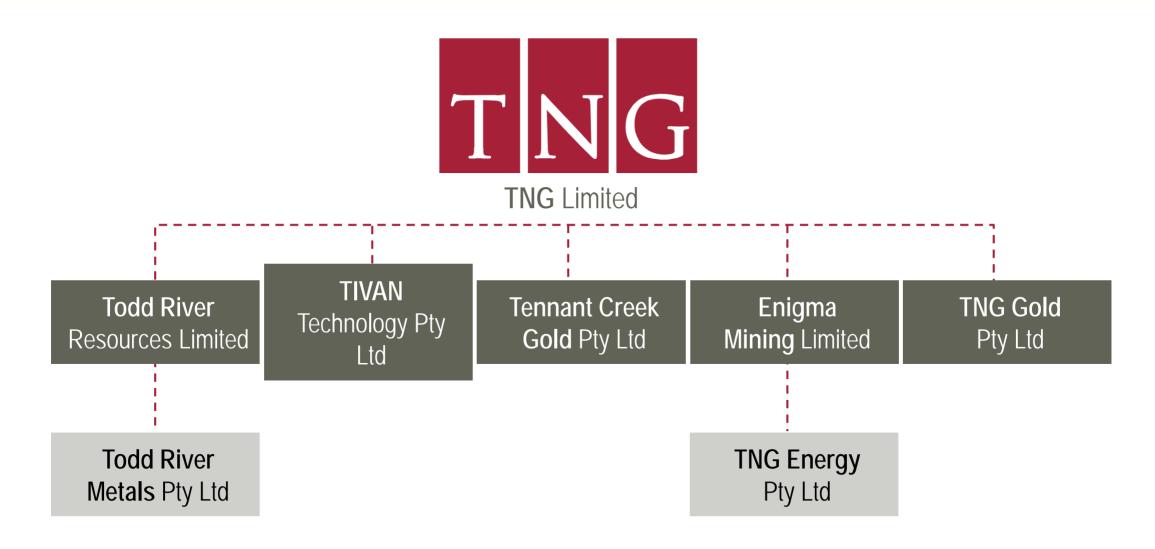
- ► The information in this report that relates to the Mount Peake Mineral Resource estimates is extracted from an ASX Announcement dated 26 March 2013, (see ASX Announcement 26 March 2013, "Additional Information on the Mount Peake Resource", www.tngltd.com.au and www.asx.com.au), and was completed in accordance with the guidelines of the JORC Code (2012). Initial mining and financial assessment work, based on the Mineral Resource, followed (see ASX Announcement 15 July 2013, "TNG Considers Two-Stage Development Option for Mount Peake Project, NT ", www.tngltd.com.au and www.asx.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the Mineral Resource estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are represented have not been materially modified from the original market announcement.
- ▶ The information in this report that relates to the Mount Peake Ore Reserve estimates is extracted from an ASX Announcement dated 31 July 2015, (see ASX Announcement 31 July 2015, "Mount Peake Feasibility Study Confirms a World-Class Project", www.tngltd.com.au and www.asc.com.au) and was completed in accordance with the guidelines of the JORC Code (2012). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the Ore Reserve estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are represented have not been materially modified from the original market announcement.
- The information in this report that relates to Exploration Results for Mount Peake and Mt Hardy projects are based on information compiled by Exploration Manager Mr Kim Grey B.Sc. and M. Econ. Geol. Mr Grey is also a member of the Australian Institute of Geoscientists and a full time employee of TNG Limited. Mr Grey has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Grey consents to the inclusion in the report of the matters based on his information in the form and context in which it appear.

PRODUCTION TARGETS AND FINANCIAL INFORMATION

▶ Information in relation to the Mount Peake Definitive Feasibility, including production targets and financial information, included in this report is extracted from an ASX Announcement dated 31 July 2015, (see ASX Announcement – 31 July 2015, "Mount Peake Feasibility Study Confirms a World-Class Project", www.tngltd.com.au and www.asx.com.au). The Company confirms that all material assumptions underpinning the production target and financial information set out in the announcement released on 31 July 2015 continue to apply and have not materially changed.

TNG Limited Corporate Structure





TNG: Corporate Overview



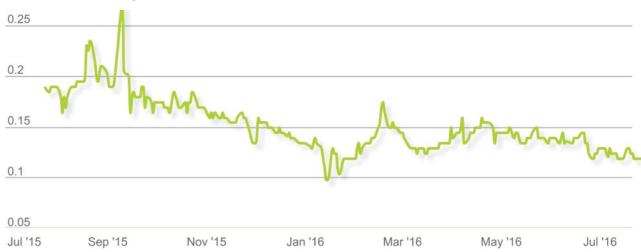
Key Corporate and Financial Data	
ASX code:	TNG
Market capitalisation (at 15c):	\$107M
Shares on issue:	714M
Cash (at 30 June 2016):	\$7.1M
Auditors: KPMG Lawyers: Clifford Chance	

Board of Directors	
Paul Burton	Managing Director
Stuart Crow	Non-executive Director
Rex Turkington	Non-executive Director

Major Shareholders	
WWB Investments P/L	11.11%
Aosu Investment & Development Co	7.88%
Ao-Zhong International Mineral Resources	5.73%
SMS Investments SA	1.86%

(Directors and their related companies hold approximately 4% of issued capital)

12-month share price – as at 26 July 2016



TNG: A Global Network for Funding, Development and Off-take





Mount Peake: Located in Australia's Fast-Growing North

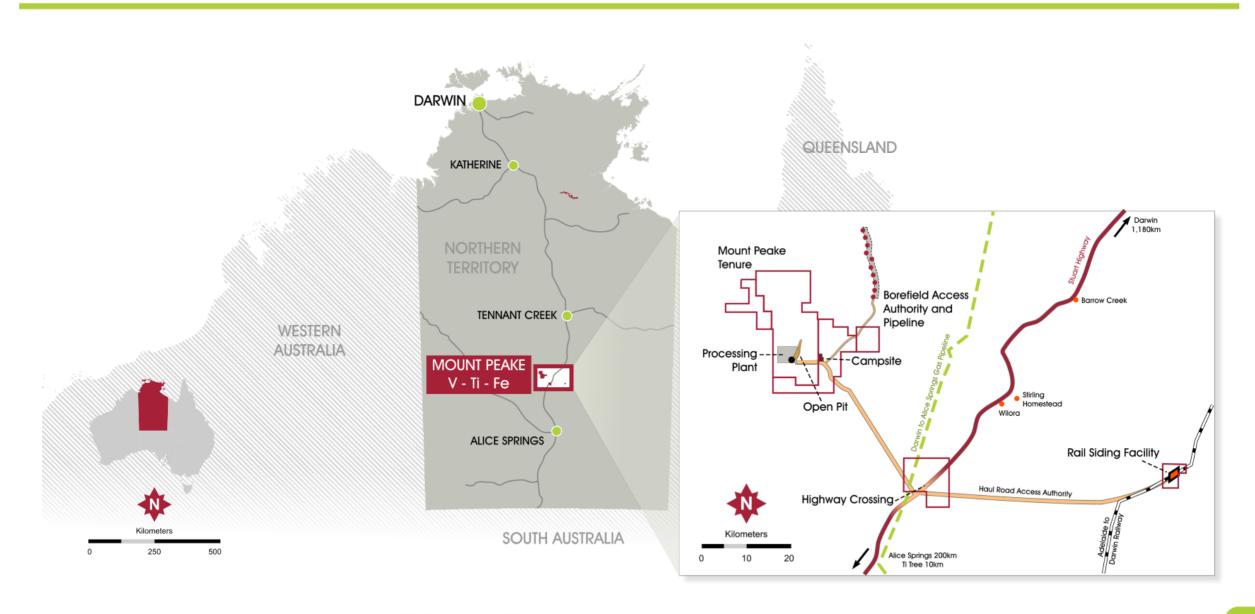




- Located 235km north-west of Alice Springs
- Close to key transport and power infrastructure:
 - ► Alice Springs-Darwin Railway, Stuart Highway, gas pipeline
- One of the largest undeveloped vanadium projects in the world
- Awarded Major Project status by the NT Government
- Highly successful DFS completed in 2015
- World-scale project with 17-year mine life
 - ► Total forecast life-of-mine revenue: A\$27.3 billion
- Forecast annual production: 17,560t V₂O₅, 236,000t TiO₂ pigment, 637,000t pig iron
- Robust economics: A\$4.9 billion NPV, 41% IRR
- Pre-production capital estimate: A\$970 million
- Ready for development: final environmental approvals expected 2H2016

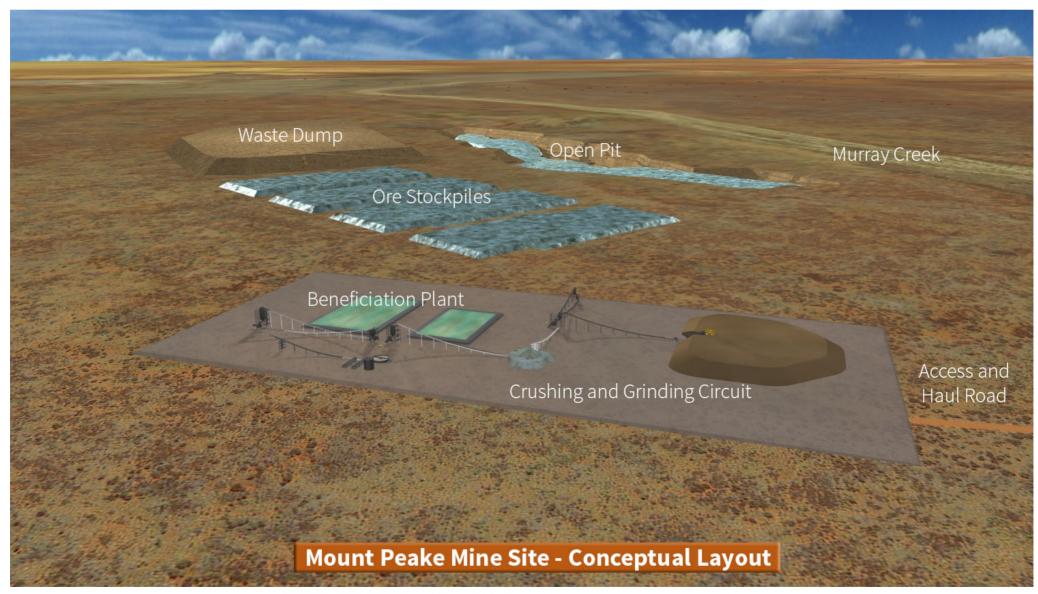
Mount Peake: Project Layout





Mount Peake: Concept Mine Layout





Mount Peake: Definitive Feasibility Study – July 2015



Key Consultants

Feasibility Study Leaders: Snowden Mining Group

Advisors: Feasibility; metallurgical; plant design: SMS Group

Metallurgical testwork and flowsheet design: CSIRO (Perth), METS, ALS Ammtec, SMS

Environmental, hydrology, Environmental Impact Statement: GHD

Engineering, mine plant design: Como Engineers

Mine and Infrastructure: Snowden, McMahon Services

















Mount Peake Feasibility Study: Key Metrics

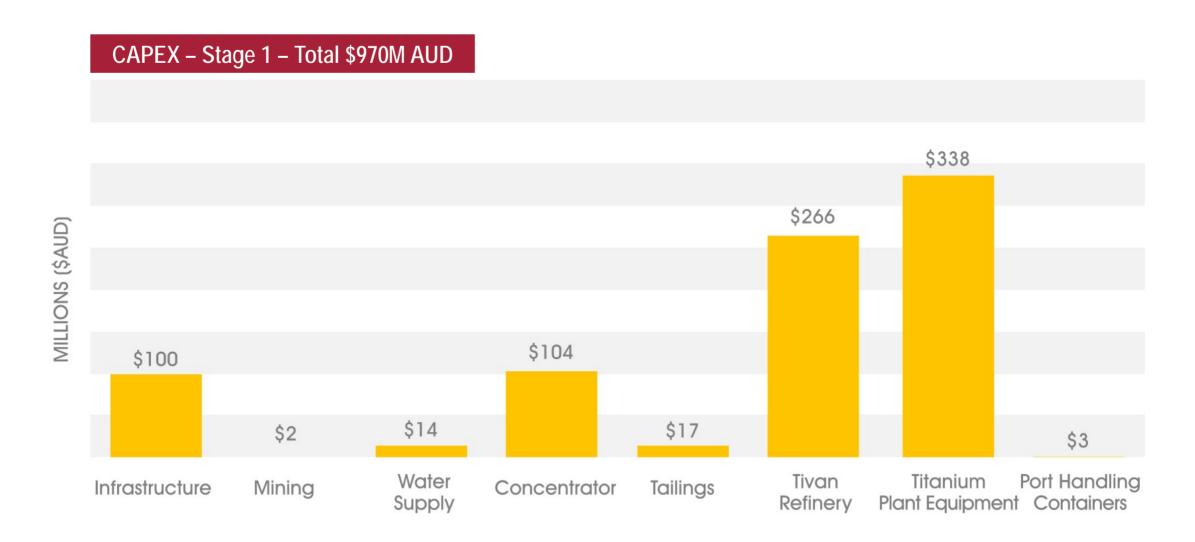


Project life	17 years
Mining rate	3Mtpa (Stage 1) expanding to 6Mtpa (Stage 2) after 4 years
Pre-production capital estimate (including all infrastructure)	A\$970 million (Stage 2 expected to be covered from revenue)
Total operating costs (including mining, processing, transport & royalties)	A\$167 per tonne
Total revenue (life-of-mine)	A\$27.3 billion
Operating cash flow (life-of-mine)	A\$13.6 billion
Net cash flow (life-of-mine)	A\$11.6 billion
Payback period	4 years
Net annual operating cash flow	A\$780M
IRR pre-tax	41%
NPV (at 8% discounted)	A\$4.9 billion

Refer ASX announcement 31 July 2015.

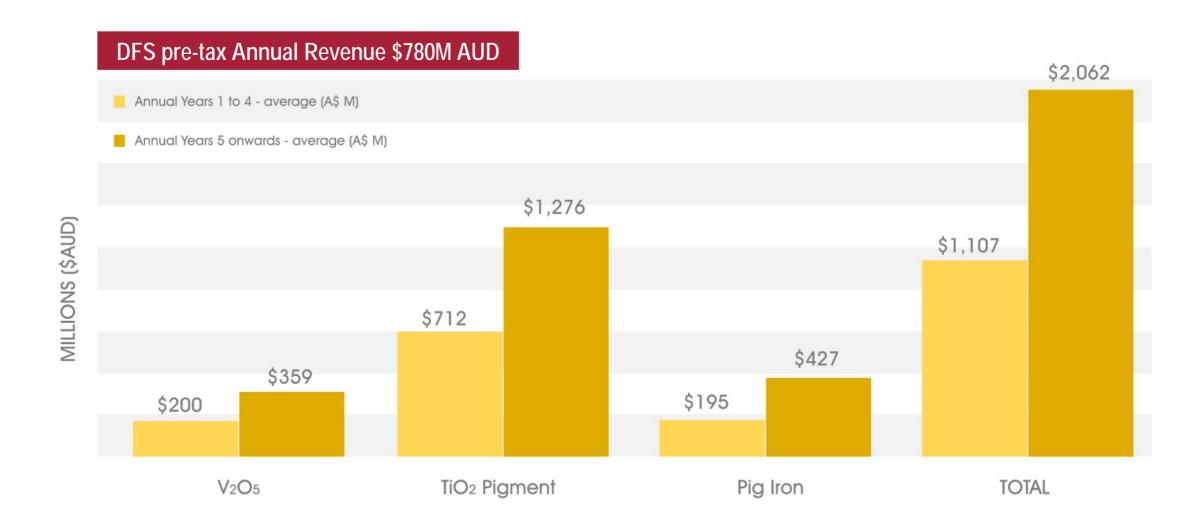
Definitive Feasibility Study: CAPEX Breakdown





Definitive Feasibility Study: Revenue per Commodity

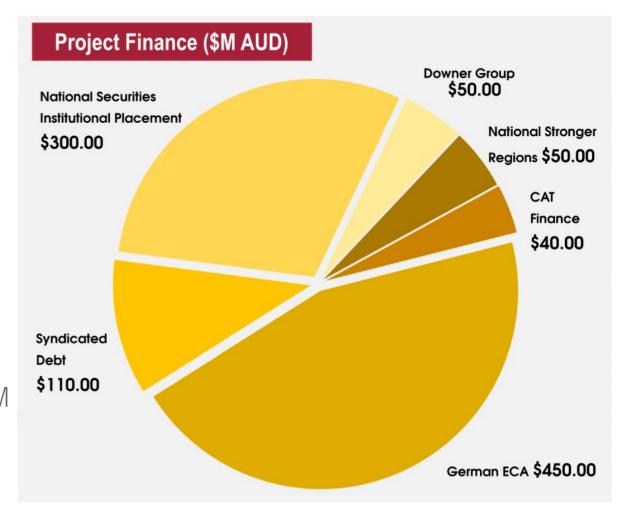




Project Finance: Finance Model Scenario and Conceptual Breakdown



- Project assumed 70:30 debt / equity
- Debt
 - ► German ECA's/SMS Group \$450M
 - ► Caterpillar Finance \$40M
 - ► NAIF \$50M
 - Syndicated Debt (BNP, Soc. Gen)
- Equity
 - ► Institutional Placement / (CEF Holdings HK) \$110M
 - ► Downer Group \$50M



Mount Peake: Binding Off-take Agreements



Binding LOM Off-take Agreements

Vanadium Products:

- Binding Life-of-Mine (LOM) Off-take Agreement and Technology Transfer agreement with WOOJIN Metals
- WOOJIN's proprietary technology currently has the world's highest vanadium recovery rate and is expected to significantly enhance the Mount Peake Project's profitability

► Iron Products:

 Binding Term Sheet for LOM Off-take Agreement with major global commodity trader Gunvor (Singapore) for iron products



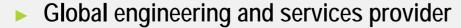


Mount Peake: Project Development Agreements



Project development agreements

- European-based global engineering giant
- ▶ Binding agreement for engineering, design and construction of the TIVAN™ refinery in Darwin
- MOU for joint commercial exploitation of TIVAN™ technology
- Assisting TNG to obtain funding for refinery construction through Export Credit Agencies or other structured finance
- SMS is one of the most significant writers of new business for Germany's Export Credit Agencies, which provide finance on competitive terms to new projects or industries which could benefit German industry



- Pre-Mine development, operations and investment agreement for total project delivery
- Downer is a leading service provider in markets including mining, minerals and metals processing, transport services, technology and communication services, utilities services, engineering, construction and maintenance (EC&M) and rail, employing around 20,000 people worldwide





TIVAN'S Products: Vanadium Pentoxide



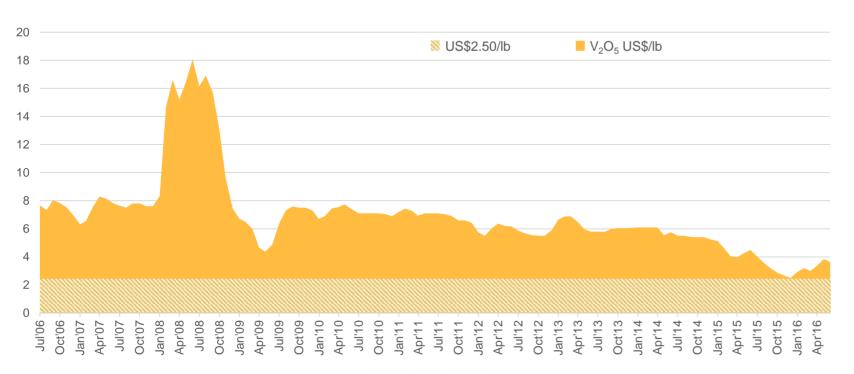
Vanadium Pentoxide (V₂O₅)

World demand: 140,000tpa

TNG's Phase 1 production: 17,560tpa (12.5% of world demand)

Main usage: Steel, non-ferrous alloys, chemicals, catalysts and energy storage (VRB)

TNG's cost of production: Approx US\$2.50/lb (shaded line below)

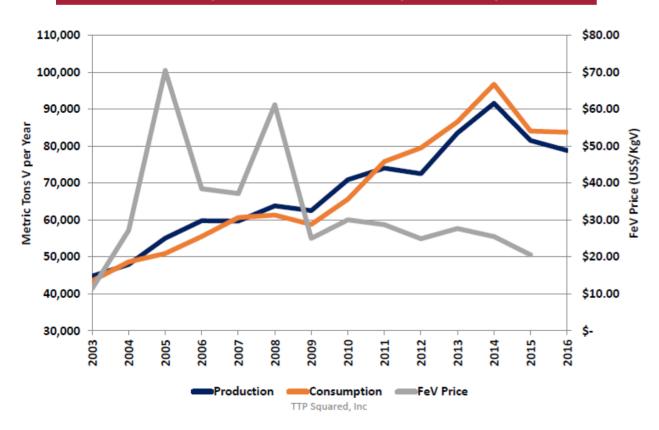




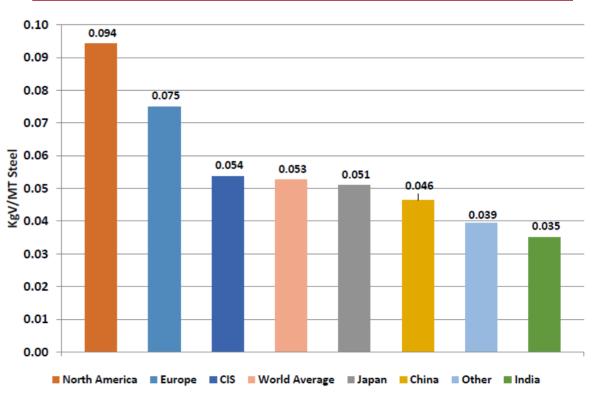
Vanadium Pentoxide: Market Overview



Vanadium production, consumption and price



Specific Vanadium Consumption Rates 2015



"Roskill expects demand to increase to about 131,000tpa of vanadium by 2025, a CAGR of 3.1% from 2014."

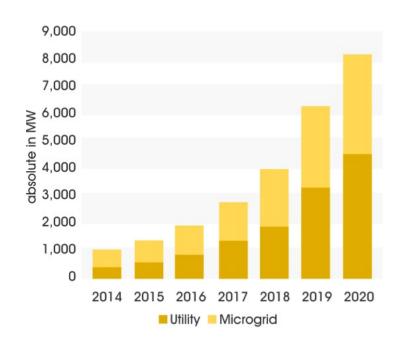
Source: TTP Squared, Inc and Roskill

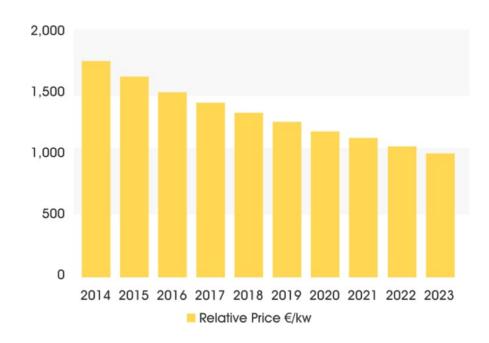
Vanadium Redox Flow Batteries: The future concept for energy storage



Market Forecast – Development of Power on the Energy Storage Market

- ► Industry CAGR 2015-2020: 30.8%
- ► Stronger growth in utility scale from 2018 onwards
- ► US\$6 billion market opportunity in 2020









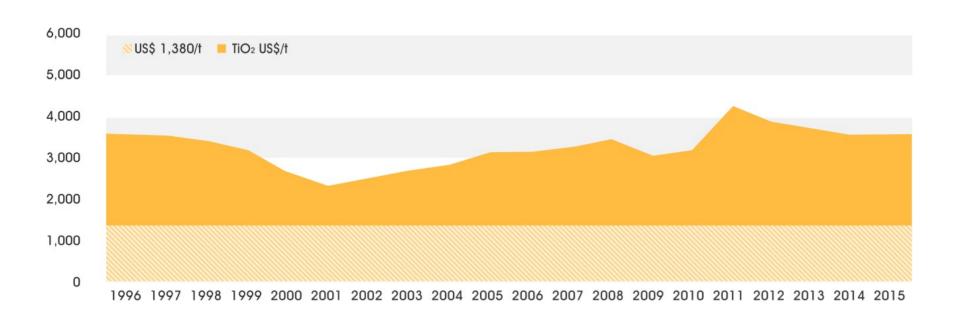
Sources: Gildemeister, Pike Research, Navigant Research, Lux Research, Roland Berger, IHS, SNL Power

TIVAN'S Products: Titanium Dioxide



Titanium dioxide pigment (TiO₂)

- ► World demand: 6,600,000tpa
- ► TNG's Phase 1 production: 236,000tpa (3.5% of world demand)
- ► Main usage: Paint, plastics, paper and inks
- ► TNG's cost of production: Approx US\$1,380/tonne (shaded line below)



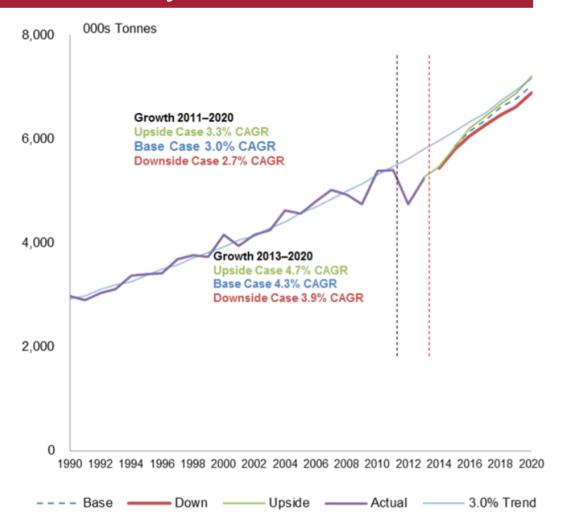




Titanium Dioxide: Market Overview



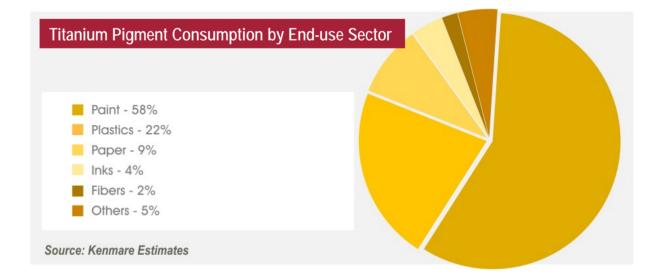
Demand Closely Correlated to Global GDP Growth



2010 TiO2 Per Capita



Source: Global Insight GDP data, IBMA TiO2 demand data, Millennium Chemicals, Ti - Insights



Source: TiPMC Solutions

TIVAN'S Products: Pig Iron



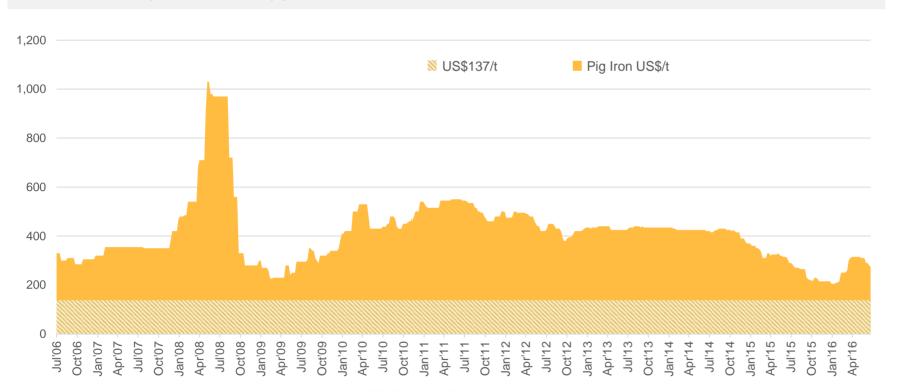
Pig Iron

World demand: 1.2 billion tpa

TNG's Phase 1 production: 637,000tpa (0.05% of world demand)

Main usage: Steel making

TNG's cost of production: Approx US\$137/t (shaded line below)







TNG and the Northern Territory



NT Government is Pro-Resource development

- Major Project Status awarded to Mount Peake in 2012
- Excellent geological and infrastructure support
- Darwin North Australia's development hub
- Rapidly developing region

TNG's Corporate aim is to be a leader in indigenous involvement in NT

- Demonstrated commitment to working with employing Traditional Owners
- Long-standing relationships developed from decades of successful exploration on indigenous land
- Positive support for Mount Peake project development
- Clearance obtained for mine and infrastructure



Mount Peake: Development Pathway

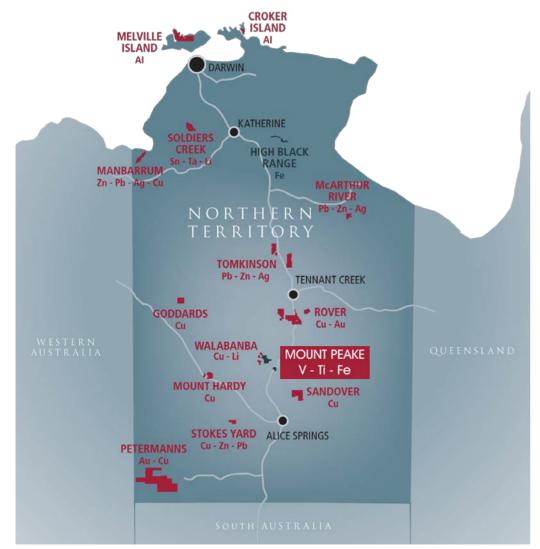


TIVAN pilot study completion Discovery of LOM water aquifer 2015 Definitive Feasibility Study completion Vanadium off-take agreement – Woojin Metal co. Itd EIS completion Project Delivery Agreement – Downer Mining Agreement – Traditional Owners 2016 Iron offtake agreement – Gunvor (Singapore Development Agreement – SMS Group Mining Licence Approval – NT Government FID Financing completion 2017 **Development + Construction MOUNT PEAKE** VANADIUM AND TITANIUM PROJECT 2018 **Production** 2019 2020

TNG Corporate: Non-Core Projects Demerger Proposal

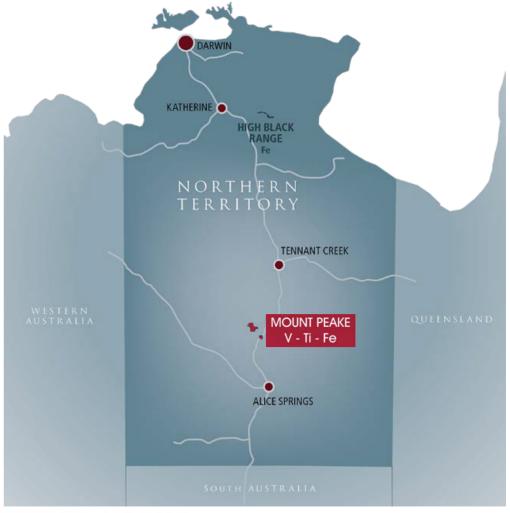


TNG pre-demerger



TNG post-demerger

100% Mount Peake, TIVAN®



TNG Corporate: Post-Demerger of Non-Core Projects



► Todd River Resources Limited

- Largest base metal coverage in NT
- Advanced to grassroots projects:
- Timetable to be advised

Manbarrum

>45Mt of combined Zn-Pb-Ag in 2 JORC resources

Mount Hardy

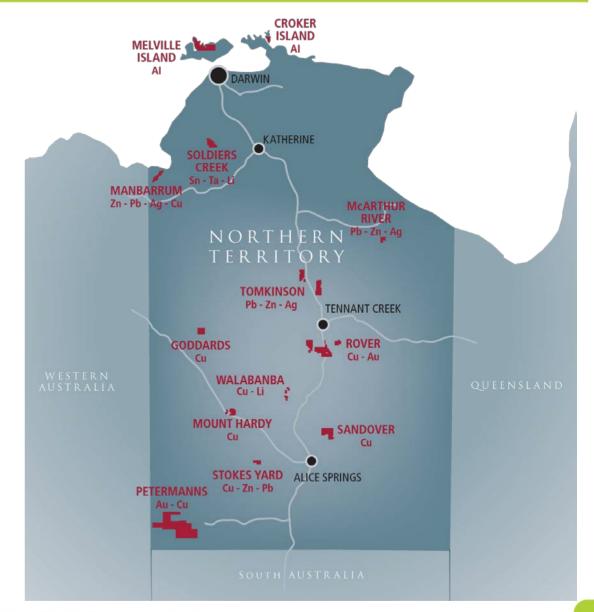
2 large intersections of Cu (5%) and Au (7g/t)

McArthur

9km Cu-Zn zone; Surface grades up to 20% Cu

Walabanba

Sn / W / Au







TNG / SMS group: Frequently Asked Questions



SMS (iii) group

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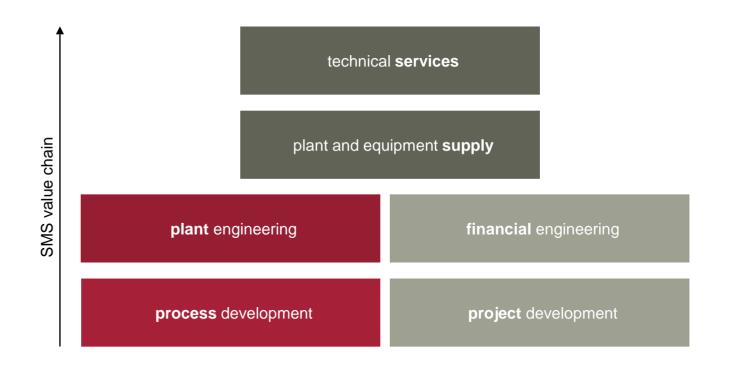
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FAQ: Who is SMS Group?





- leading, **global** supplier of metallurgical plants
- 2 turn over: **5B AUD** p.a.
- 3 **13.000** employees
- 4 **150** years old
- 5 family owned
- one of Germany's leading users of **ECA**-finance



FAQ: What is TIVAN all about?



SMS @ group



processing polymetallic ores

- use of abundant and low cost raw material : titanomagnetite
- extraction of three target metals : Fe, V and Ti



utilization of well proven technology

- TIVAN is based on an innovative reconfiguration of proven components
- individual process steps have been successfully demonstrated at industrial scale



small environmental footprint

- hydrometallurgical process
- no smelters involved



highly economic process

- multiple revenue streams from products, which **sequentially** drop out of **one common processing train**
- low operating cost



SMS @ group

1 abundant many known, accessible and easy to mine deposits

2 Ilmenite shortage high grade Ilmenites, suitable for synthetic rutile production are getting scarce

Growing Vanadium urbanization in fast growing emerging markets calls for the construction of high risers, requiring large quantities of V-reinforced rebar

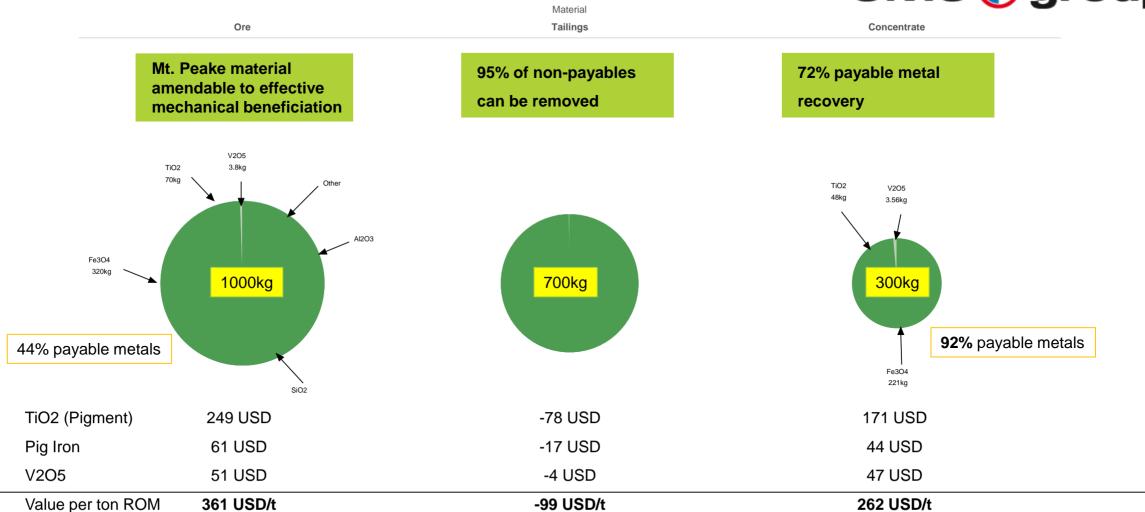
Potential for additional products

The hydrometallurgical processing of Titanomagnetite also allows the extraction of other valuable fractions

FAQ: What about beneficiation efficiency?



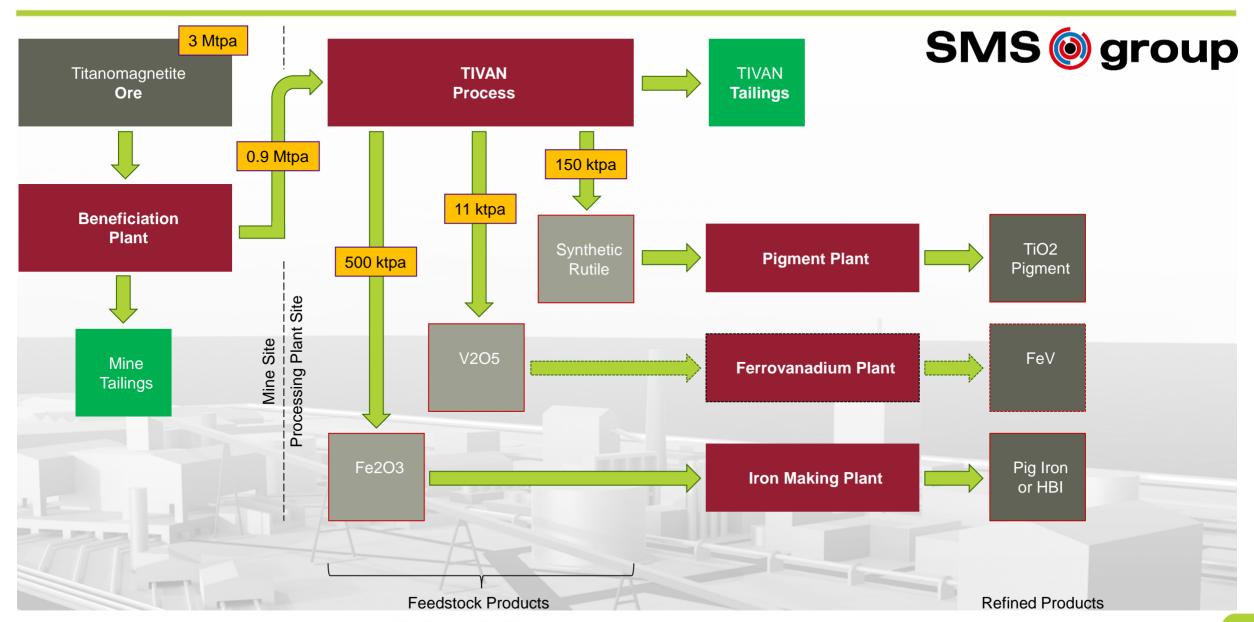




Assumption: Pig Iron: 400 USD/d, TiO2 Pigment: 3.570 USD/t, V2O5: 13.500 USD/t

FAQ: How does TIVAN work? (Mt Peake phase 1 case)

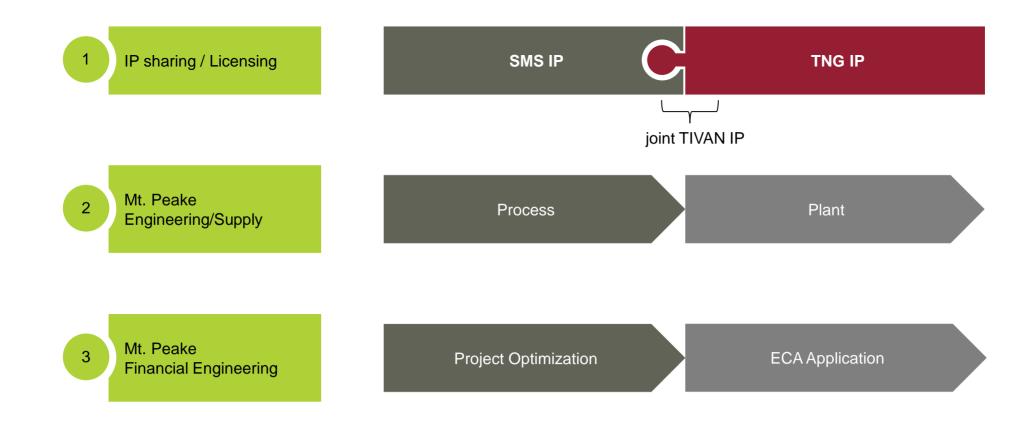




FAQ: How are SMS and TNG collaborating?



SMS @ group



TNG: Investment Summary



- Developing a Tier-1 strategic metals project
- Outstanding location and infrastructure
- Robust Feasibility Study completed
- Further optimization underway
- Diversified, high-quality range of products
- Strong long-term demand outlook
- Binding off-take agreements in place
- Strong global network of development, off-take partners
- Financing discussions well advanced
- Spin-off of non-core base metal assets underway





THANK YOU!

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