



gulf

Developing Indonesia's First Premium Manganese Facility

Investor Presentation

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Thank you.

Capital Structure

ASX Code:	GMC
Shares on Issue	2.204 billion
Share Price (27 October 2017)	0.7¢
52 week high / low	4.2¢ / 0.5¢
Market Cap (23 October 2017)	\$15.43m

Top Shareholders

Tanah Capital Pte Ltd	7.96%
Citicorp Nominees Pty Ltd	6.26%
Tan Hwa Poh	4.08%
BB Lee Superfund	4.03%
Sheppeard Group	2.8%
Total	23.82%



Craig Munro
*Non-Executive
Chairman*



Hamish Bohannan
*Managing Director
& CEO*



Andrew Wilson
*Non-Executive
Director*



Leonard Math
*Company Secretary
& CFO*

First Mover Advantage

Developing an ASEAN focused manganese alloy business based in Kupang, West Timor, taking advantage of low operational, power and ore costs.

Low Cost

Projected production costs are 20% lower than the industry average with projected margin of USD20 million per annum – USD700/t ferromanganese alloy.

Significant Ramp-Up

Production starting at 22,000 tpa, increasing to 155,000 tpa of ferromanganese alloy.

Near-Term Cash Flow

Sale of Direct Shipped Ore (manganese concentrate) during construction phase has the potential to be a significant near-term value catalyst – targeting commencement of first sales Q4 2017.

Smelter commissioning

Refurbishment of first two units nearing completion in South Africa and are expected to be commissioned by H1 2018.

Strong funding support

Strong financial commitments to accelerate construction and development of Kupang Smelting Hub.



- Kupang Smelting Hub – at least eight furnaces, built in stages.
- Sale of Direct Shipped Ore during construction phase has the potential to be a significant near-term value catalyst – targeting commencement of first sales Q4 2017.
- Power supplied by state power utility on unit cost basis from power station adjacent to smelter site.
- Tenau Port has both bulk and container loading facilities.
- Cost of smelter installation and working capital USD17 million.
- Construction through 2017, with commissioning and positive operating cash flow from H1 2018.



One of the furnaces currently being refurbished

- Approvals expected imminently for commencement of DSO sales from Kupang.
- DSO sales to potentially generate between US\$1-1.5¹ million per month starting Q4 2017.
- Offtake agreement signed with Renova Group for the sale of up to 60% of manganese alloy – to be sold through Renova marketing subsidiary Afro Minerals.
- Supply agreements in place with four local manganese mining companies for supply of ore – additional agreements to be confirmed Q4 2017.



Sam Lee and the Geology Team on site at the SMR Minesite in Soe (Timor)

¹ based on 5,000tpm at us\$200 net margin

- Refurbishment of two smelters well advanced in Pretoria, South Africa, prior to shipment to Kupang.
- Program to be completed in Q4 2017.
- Furnace components will be transported to Durban for final inspection and containerising.
- The smelters will then be shipped to Indonesia for construction.
- Commissioning of the facility targeted to commence in the first half of 2018.



Dismantling of equipment at Transalloys site

- Land lease signed for Bolok Industrial Estate for construction of the Smelting Facility.
- Approx. 35 hectare block of land directly adjacent to the Government-owned Power Station and only 5km from the main Tenau port.
- Initial 30-year rental agreement on 10ha— with the capacity to extend to the full 35ha as the facility expands.
- Smelter foundations complete - steel fabrication commenced in Surabaya ahead of facility construction early 2018.



Site clearing is completed and construction is underway



View of the PLTU Power Station from the Kupang Smelting Hub

Kupang Development Timeline

	CY2017	CY2018		CY2019		CY2020	
	Q4	H1	H2	H1	H2	H1	H2
Receipt of all building and regulatory approvals for Kupang development							
Completion of Smelter Refurbishment							
Commence DSO sales *							
First two smelters shipped to Kupang							
Secure funding for Stage 1 Production							
Complete construction - first two furnaces							
Commissioning of Kupang Smelting Hub							
Commence sales of ferro manganese alloy							

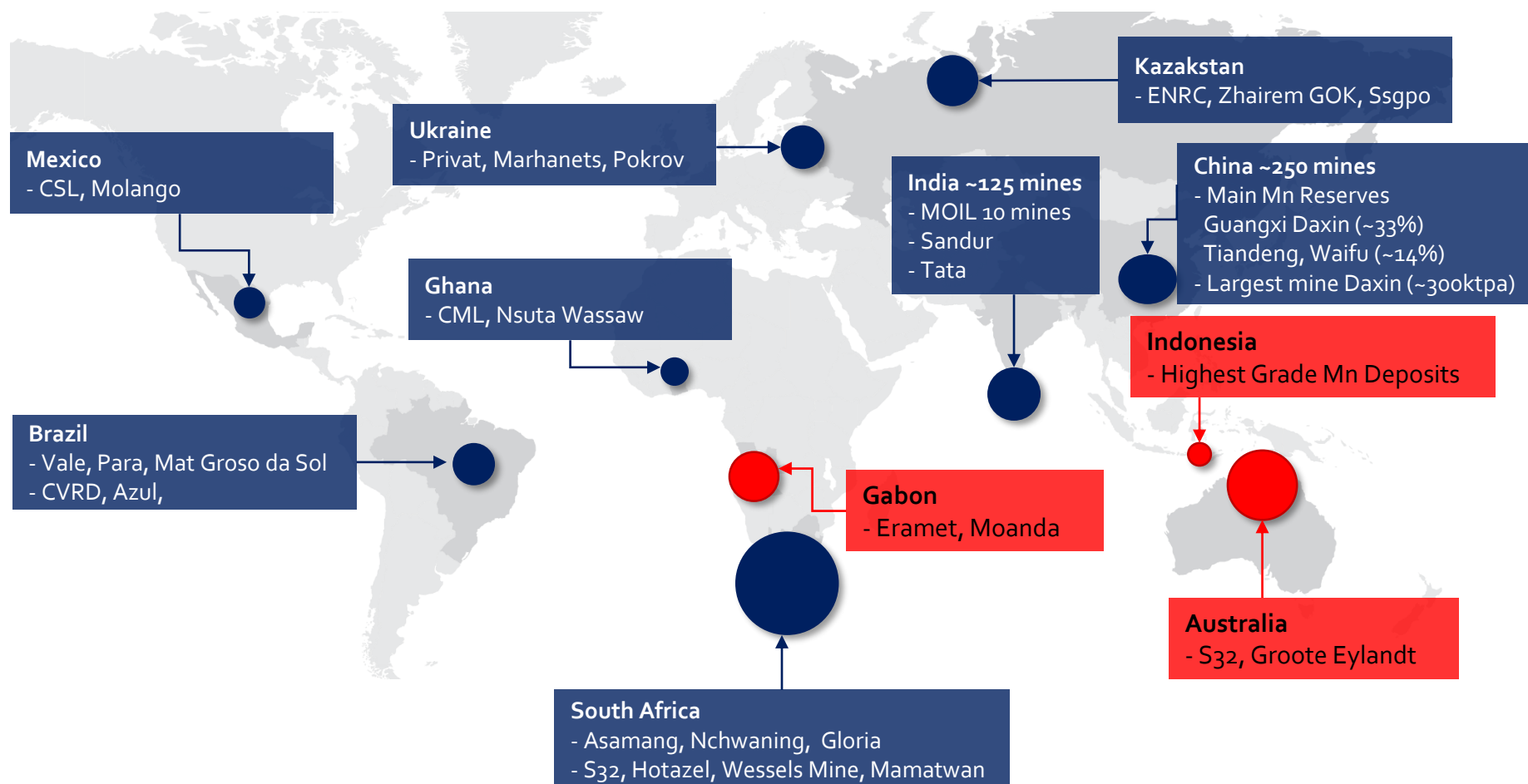
* Subject to approvals

- Manganese is the 4th most used metal after iron, aluminium and copper.
- Manganese is essential for steel production: - 90% of the world's manganese is used by the steel industry.
- Other uses: Dry cell batteries, agriculture (fertiliser), health and special alloys.
- Indonesia has substantial high grade manganese ore deposits.



● High grade (+44%)

● Medium to low grade (<44%)



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Appendix



Kupang Smelter Project		Annualised Performance			
		2 Units	4 Units	6 Units	8 Units
Installed Smelter Capacity	MVA	14	32	50	68
Physicals					
Mn Ore Purchased	t	65,847	150,507	235,167	319,827
FeMn Alloy Sold	t	31,640	72,320	113,000	153,680
Costs					
Ore Purchase & Preparation	USD	6.8	15.7	24.5	33.3
Smelting	USD	17.8	38.1	58.2	78.7
Overheads	USD	0.9	2.0	3.1	4.2
Total Operating Costs	USD	25.5	55.8	85.8	116.2
Revenue from Sales	USD	47.5	108.5	169.5	230.5
Net Operating Margin	USD	21.9	52.7	83.7	114.3

Strengths	Weaknesses
<ul style="list-style-type: none"> Large database of geological knowledge Supply agreements in place to under-pin Manganese ore supply People on the ground with local knowledge Multi-level government support Complies with licences and approvals High grade manganese ore available Close to Port - Proximity to Asian Mn markets Power supply available and economical 	<ul style="list-style-type: none"> Limited Indonesian proven mineral resource base to underpin development (JORC) – but 184 mines Project funding to be secured Power costs are reasonable but power is a major cost
Opportunities	Threats
<ul style="list-style-type: none"> Currently no competition in Processing or Smelting in Timor Local small scale Mn suppliers can mine and sell Mn ore once a processing route is established High unemployment in Timor will provide a ready source of labour Scalability - The operation can be developed in a staged manner Exploration Ore supply potential in Timor and neighbouring islands Early start-up Cash flow using low cost processing and DSO sales 	<ul style="list-style-type: none"> Ore Supply, but the first smelter to market will gain a strong hold on ore supply Other companies entering the smelting business Potential loss of export or other permits if milestones not achieved