



World's fourth largest island, 500 kilometres off east coast of Southern Africa

- ➤ Population of approx 17 million
- ➤ Independent since 1960
- > Democratic republic

About Madagascar

- > Legal system based on French civil law
- > Current government elected in 2002



Favourable investment climate

- > Legal stability for duration of mining permit
- International dispute arbitration recognized and sovereign immunity waived
- > Favourable Tax regime



Economic performance

- ➤ Debt relief of US\$834m last year
- Recent announcements from the G8 on further debt relief
- ➤ Growth rate of 5%
- ➤ Projected growth for 2005 6.3%
- > Inflation under control
- > Supportive government



Ambatovy project history

- Project was 100% owned by Dynatec Inc of Toronto
- > Previously owned and drilled by Phelps Dodge
 - swapped out for equity in Dynatec worth US\$70 million
- Bankable Feasibility Study completed for a processing plant and refinery in Madagascar
- > Dynatec/Implats relationship since 1968



Ambatovy project history, cont'd

- Implats has bought 50% of the project in JV with Dynatec in May 2005
- ➤ A third partner is being sought to dilute ownership



Ambatovy - a strategic investment

➤ 37.5% equity in the JV company for each of Implats and Dynatec (third party off-taker 25%)

- Implats buy-in cost of \$50m (paid to Dynatec who will re-invest in Project)
- Dynatec responsible for Madagascan operations
- Implats responsible for the construction, commissioning and operation of an additional nickel refinery at Springs to treat 80 000 tpa nickel and 5 800 tpa of cobalt



Key statistics

Reserves: 125m tonnes grading

1.04% nickel and 0.1% cobalt

> Production: 60 000 tonnes nickel and 5 600 tonnes

cobalt per annum at steady state from

Madagacar

Project life: 27 years

Capital cost: \$2.05 billion (assumes refinery in SA)

➤ Operating cost: \$1.66/lb; \$0.64/lb after by-product credits

➤ IRR: 15-20%

(nickel at \$3,5/lb; cobalt \$10/lb)



Why is Ambatovy so good?

- > Homogenous and thick ore reserve
- > Lowest operating cost producer
- > Appropriate capital efficiency





Costs

> CAPITAL

US\$2.05bn

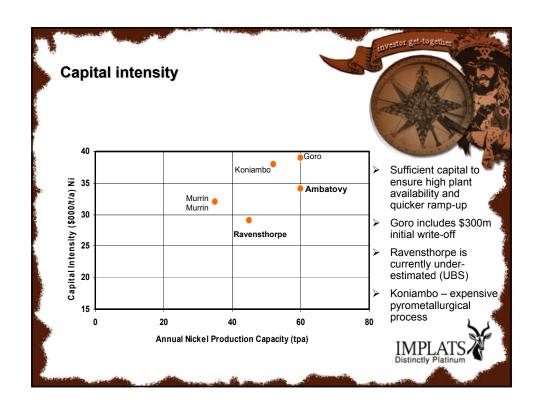
> IRR

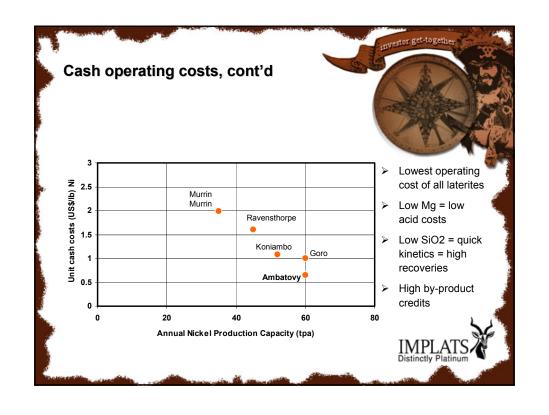
15 - 20%

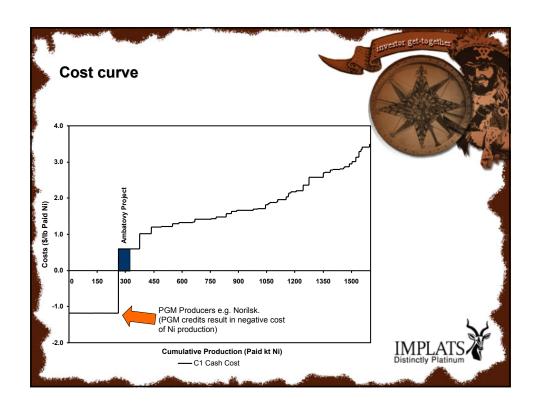
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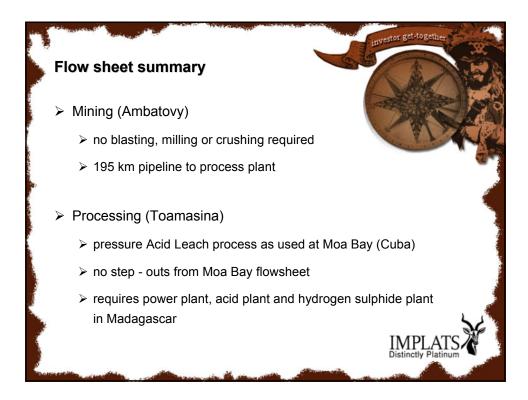
- > savings on current capital expenditure program at Springs
- > savings on the current unit cost of all metals











Flow sheet summary, cont'd

- Refining (Springs)
 - > classical BMR flowsheet
 - > cobalt solvent extraction is new to Impala
 - > pilot plant at Springs



Why refine in Springs?

- ➤ Leverage the current skills base in Springs
- > Potentially quicker ramp-up of refinery
- Piggy back onto the existing infrastructure
- > Potentially higher revenue from ammonium sulphate credit
- > Hydrogen availability
- > ISO Quality and Environmental systems
- > Implats' LME listing





Why is Ambatovy so good for Implats

- > Favourable cobalt ratios/credits
- > Strong ammonium sulphate revenues in RSA
- ➤ Reduction of current BMR direct cost (low JV Opex)
- > Saving on future expansion capex
- > Leveraging Impala skills and expertise
- > Leveraging the hydrogen pipeline fixed costs
- ➤ LME listing of nickel briquettes



Current status / way forward

- > JV signed with Implats and Dynatec
- ➤ Actively seek a third partner
- > Initiate financing activities
- ➤ EIA progressing well. Scoping background document completed and submitted to the department
- > Feasibility detailed engineering study on schedule





Milestones

- ➤ Definitive Cost Estimate completed by February 2006
- > Third partner signed up by February 2006
- > EIA completed first quarter 2006
- ➤ Board approval March 2006
- ➤ Construction April 2006 to end 2008
- ➤ Commissioning and first metal production early 2009



Conclusions

- ➤ World-class project
- > Falls within Implats' strategy
- ➤ Entails a total exposure of <US\$1bn
- ➤ Yields a return to Implats of 15 20%
- > The JVA incorporates a number of exits for Implats







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