



NAUTILUS MINERALS

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April, 2012

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- Information contained herein includes references to the March 2012 Technical Report.

- **Who Is Nautilus Minerals?**
- Seafloor Resource Development – A New Frontier
- What Is Our Plan?
- Opportunity for Growth
- The Future

Who is Nautilus Minerals?



- TSX and AIM listed
- Market capitalization ~ US\$500 million
- Seafloor resource exploration and development company
- Main operations in PNG and western Pacific
- Advancing Bismarck Sea projects in PNG and exploration in western Pacific
- Project office in Brisbane, Australia

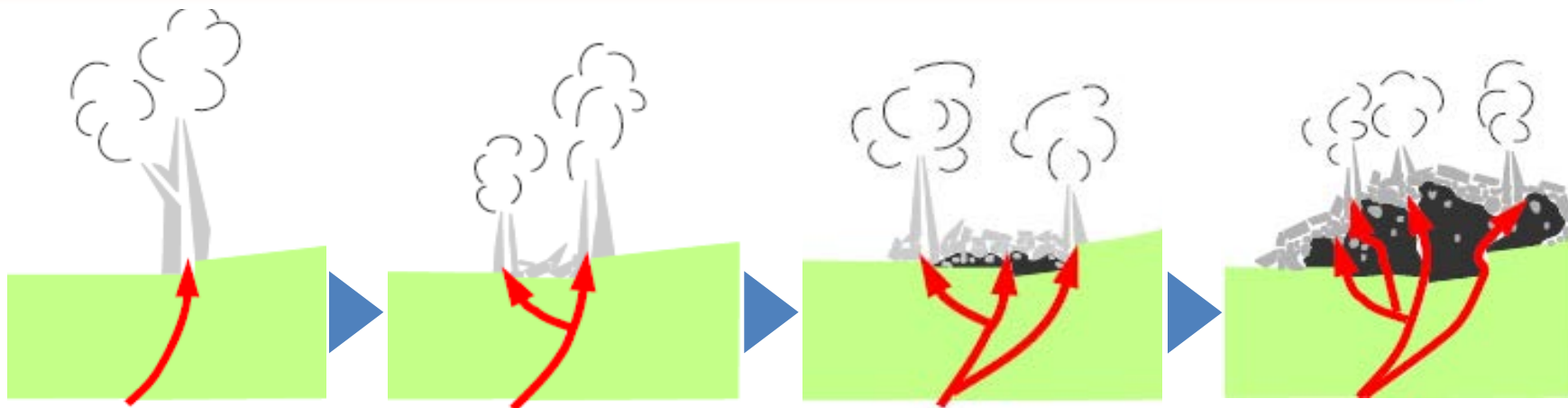
Capitalization	(as at March 30, 2012)
Ticker	NUS (TSX, AIM)
Current Share price	C\$2.53
52 Week High/Low	C\$3.51 / C\$1.80
Basic Shares Outstanding	196 million
Shares O/S Fully Diluted	205 million

Major Industry Shareholders

 METALLOINVEST	21.0%
 AngloAmerican	11.1%
	9.98%
	5.4%

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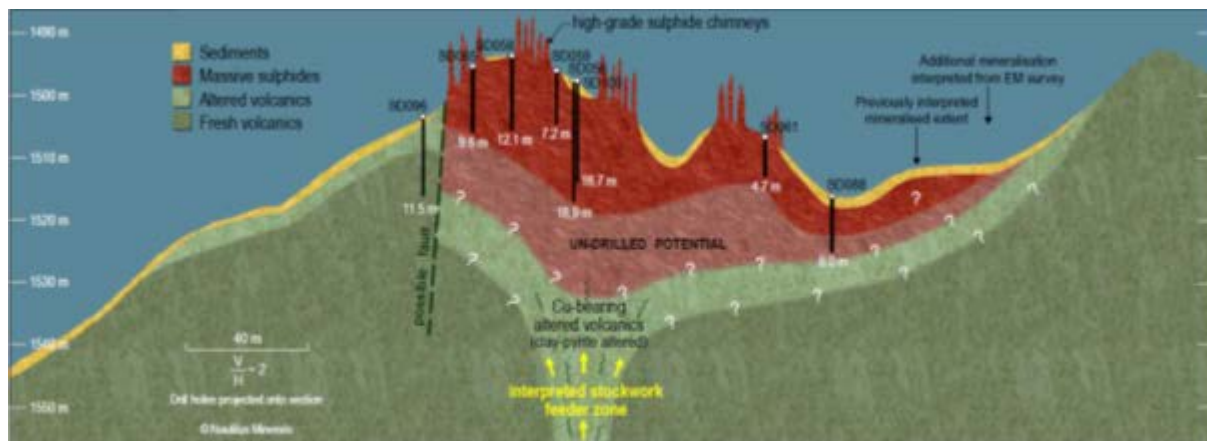
Genesis of Seafloor Massive Sulphides



Chimney Field Sampling



Solwara 1 Cross-Section



Known Seafloor Massive Sulphides

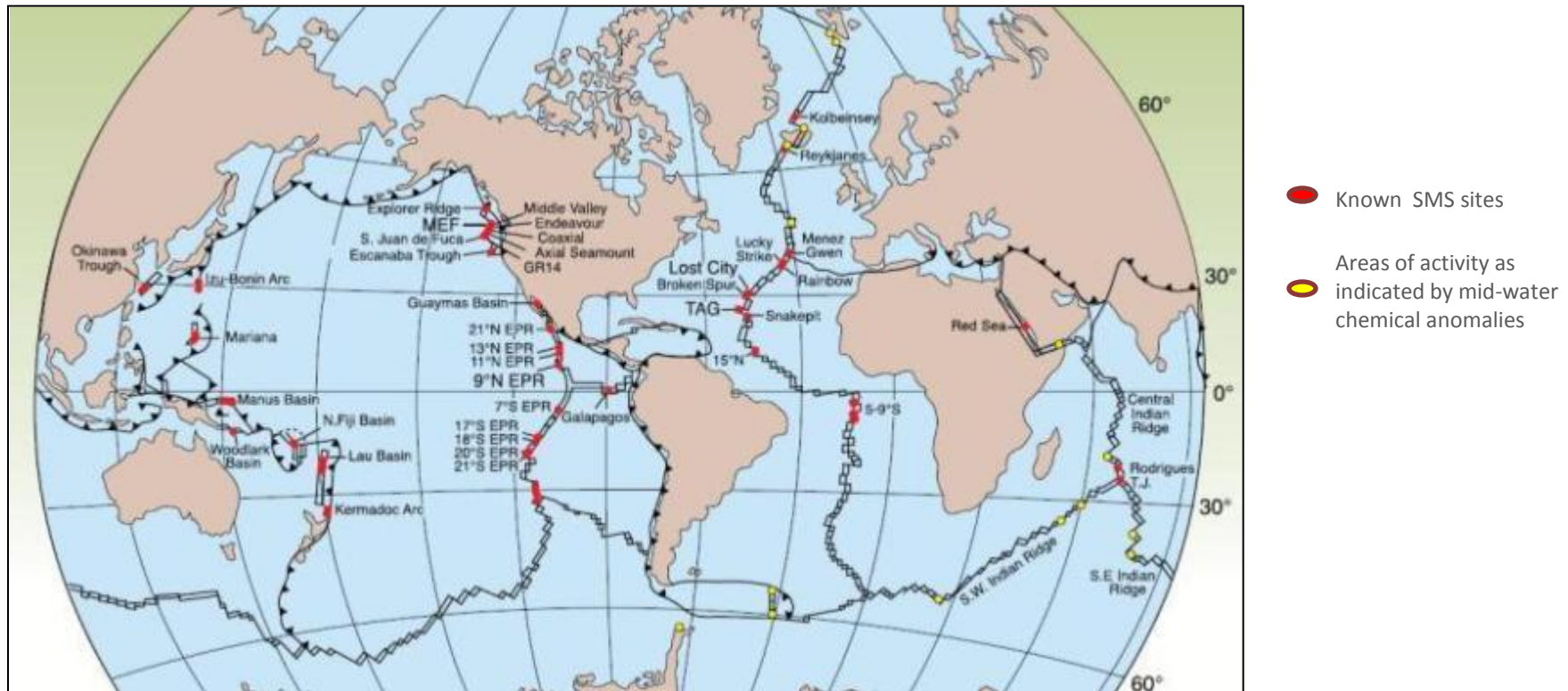


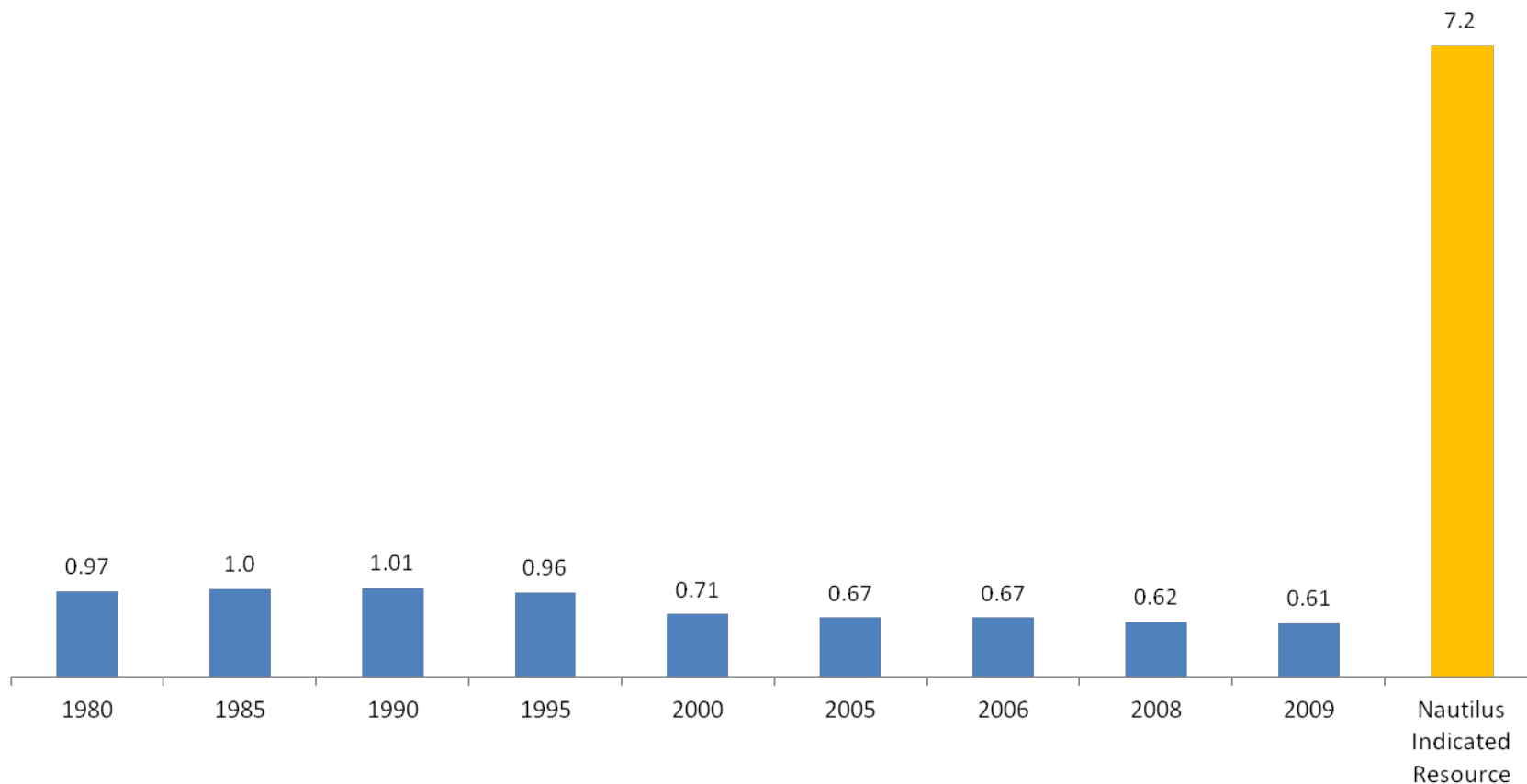
Figure after Baker et al., 1995; German and Von Damm, 2004; Hannington et al., 2005; Koschinsky et al., 2006

- >300 sites of hydrothermal activity and seafloor mineralisation are known, including 100 with polymetallic sulphide deposits
- Potentially more than three times that many systems located around the world

Declining Grades of Land-Based Cu Projects



Average Reserve Grade (%) of Land-Based Copper Projects



Source: Source: Brook Hunt, a Wood Mackenzie Company

Nautilus Resource Estimate prepared by Ian Lipton, BSc (Hons), FAusIMM, Principal Geologist, Golder Associates Pty Ltd. Effective Date: 25 Nov 2011. Mineral Resources based on 2.6% Cu eq cut-off grade

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Solwara 1 Project



- Located in the Bismarck Sea, PNG, at 1600m water depth
- NI 43-101 Resource established
- Environmental permit granted Dec 2009
- Mining lease granted Jan 2011
- Production scheduled to commence Q4 2013

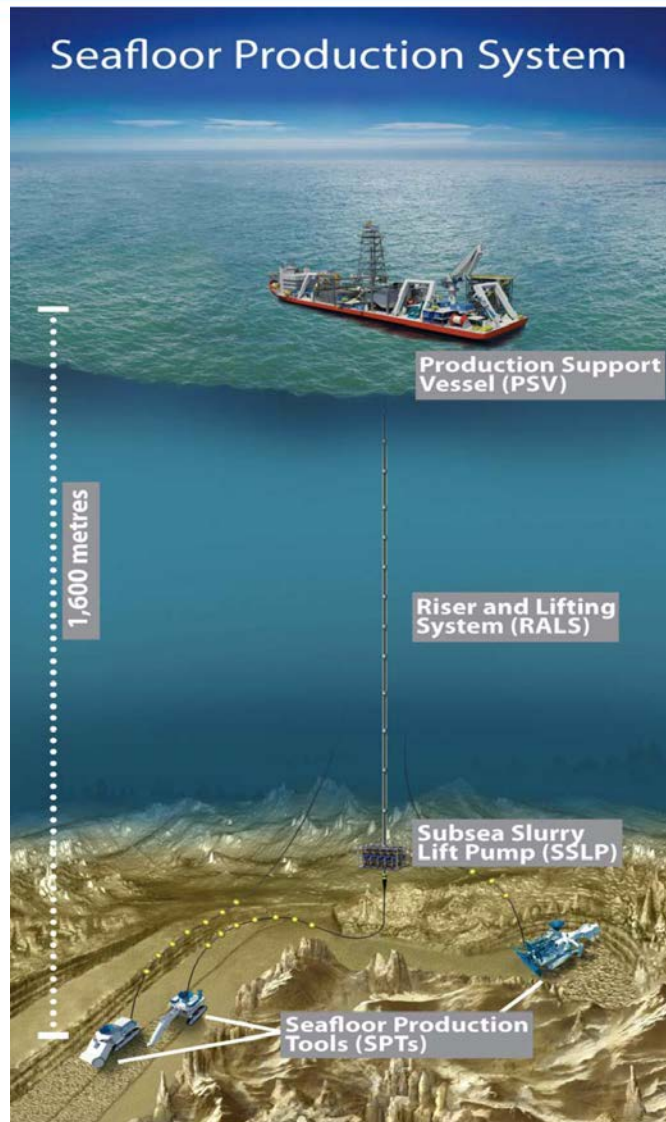
Mineral Resources

Classification	Class	Tonnes	Cu (%)	Au (g/t)	Ag (g/t)	Zn (%)
Solwara 1	Indicated	1,030,000	7.2	5.0	23	0.4
@2.6% Cu eq cut-off	Inferred	1,540,000	8.1	6.4	34	0.9
Solwara 12						
@2.6% Cu eq cut-off	Inferred	230,000	7.3	3.6	56	3.6

Resource Estimate prepared by Ian Lipton, BSc (Hons), FAusIMM, Principal Geologist, Golder Associates Pty Ltd. Effective Date: 25 Nov 2011

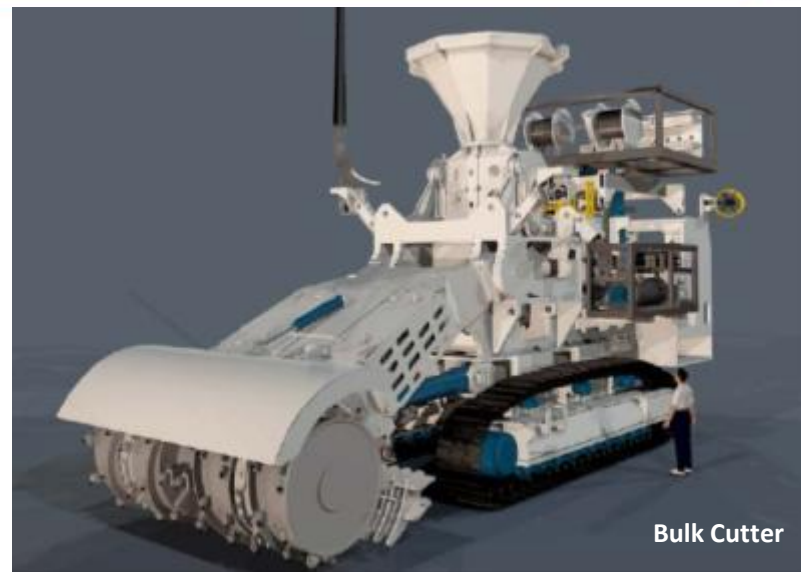
Source: March 2012 Solwara Project, Bismarck Sea, PNG NI 43-101 Technical Report

Seafloor Production System



- Production Support Vessel
 - Operational base. Power supply and dewatering plant
- Riser and Lifting System
 - Pumps material to the surface
- Seafloor Production Tools
 - Three remote operated machines, disaggregating and collecting material

Seafloor Production Tools (“SPTs”)



Auxiliary Cutter

Length:	15.8 m
Width:	6.0 m
Height:	7.6 m
Boom swing:	11.6 m
Boom cutting:	+4 -1.0 m

Bulk Cutter

Length:	14.2 m
Width:	4.2 m
Height:	6.8 m
Cutter Width:	4.2 m
Cutting Height:	+4 -0.5 m

Collecting Machine

Length:	16.5 m
Width:	6.0 m
Height:	7.6 m
Collection Range – Height:	-2 m +5 m
Collection Range – Width:	± 4 m



Existing Technologies



Bulk cutting trial



Second generation 200 ton offshore diamond mining machine, DeBeers, Namibia.
Image courtesy IHC MMP

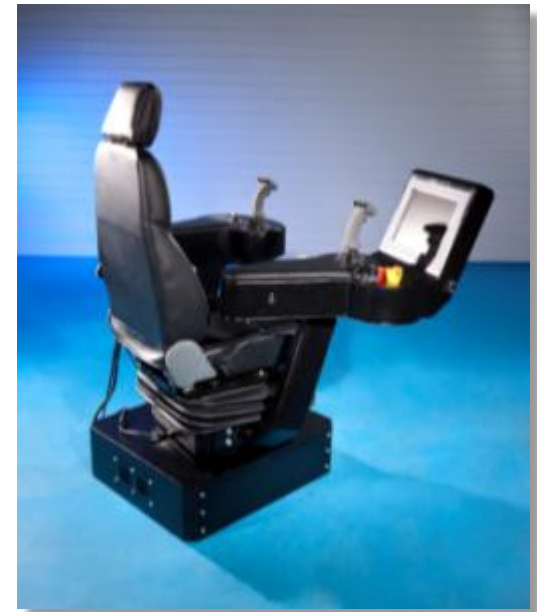


Onshore Continuous Miner Cutting Head



Sub-sea trenching vehicle designed and built by SMD. *Image courtesy SMD*

SPTs Taking Shape

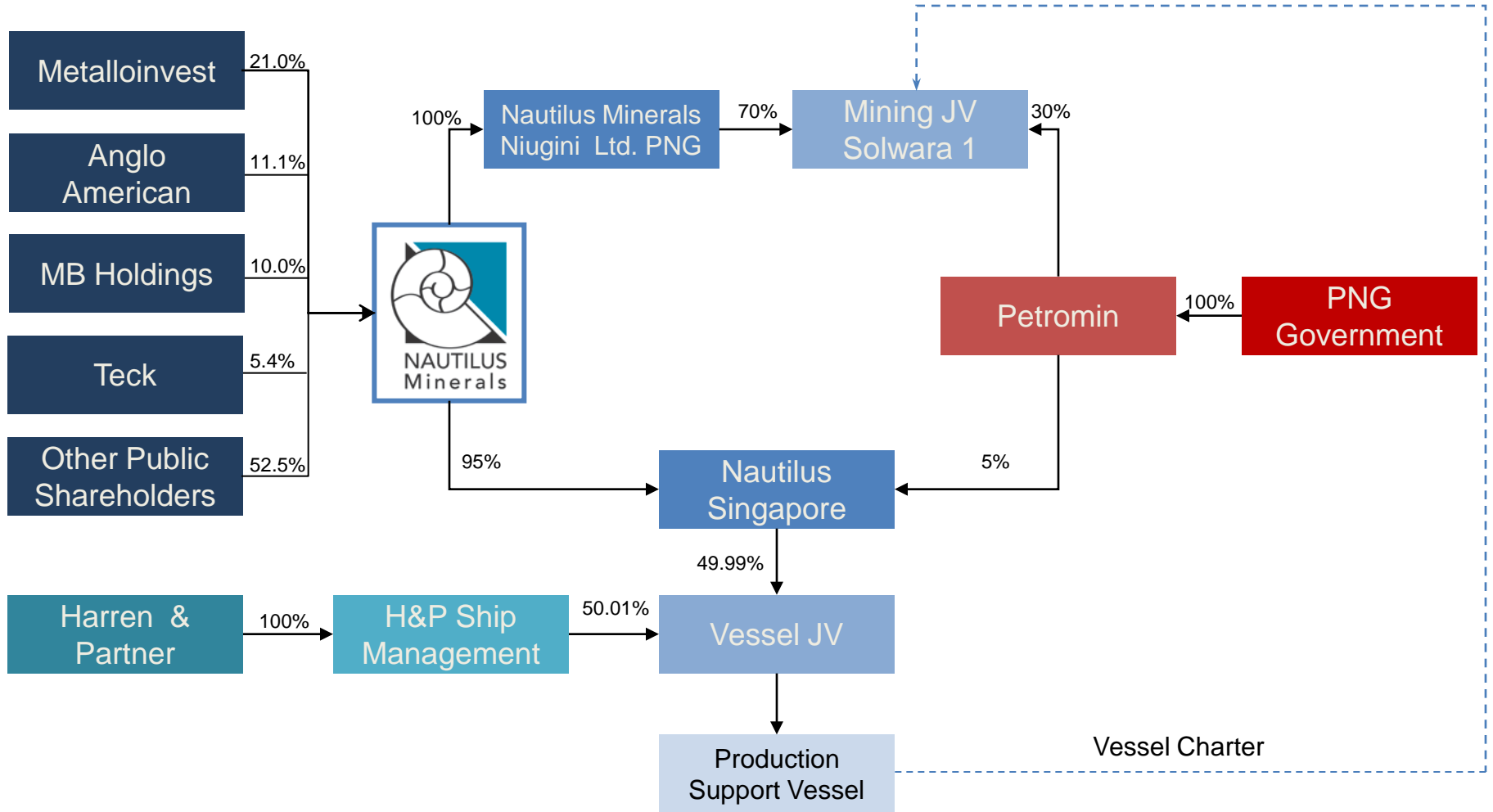


Production Support Vessel

- JV with German shipping group Harren & Partner
- JV to build and own vessel chartered to Nautilus
- Operations base for seafloor production system
- Provides permanent access to state of the art vessel to maximise efficiency
- €127 million capital cost
 - €75 million debt to be procured by Harren
- 208 m x 40 m and 18,800 dwt
- 30 MW power station
- Accommodation for 160 staff
- Keel laid December 2011
- Delivery to Singapore H1 2013
- Model testing and dynamic positioning analysis simulations were completed in 2011



Joint Venture Structure



Note: Percentage interest held by Metalloinvest Holdings (Cyprus) Limited, Anglo American plc, MB Holdings and Teck are based on basic common shares outstanding.

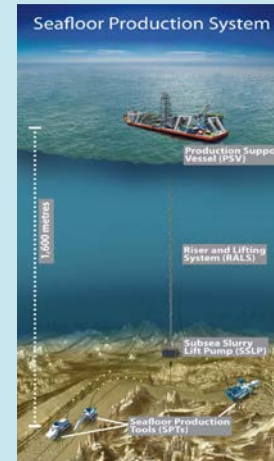
Development Process - Two Phases



• Phase 1

- Develop seafloor production system
- Demonstrate production system at Solwara 1
- Barge material to onshore storage facilities
- Processing to take place under a tolling agreement with third parties
- Capital cost for Seafloor Production System = US\$407 million, excluding Production Support Vessel

Seafloor Production System



Onshore Stockpile and Port of Rabaul



• Phase 2

- Design and construct concentrating facility
- Early concept engineering work complete
- Construction may commence when cash flow is generated from Phase 1

Treatment Facility / Concentrator



End Markets



Small Environmental and Social Footprint



**Minimal
infrastructure**

**Limited social
disturbance**



**Minimal overburden
or stripping**



**Increased
worker safety**

**Minimal
waste**



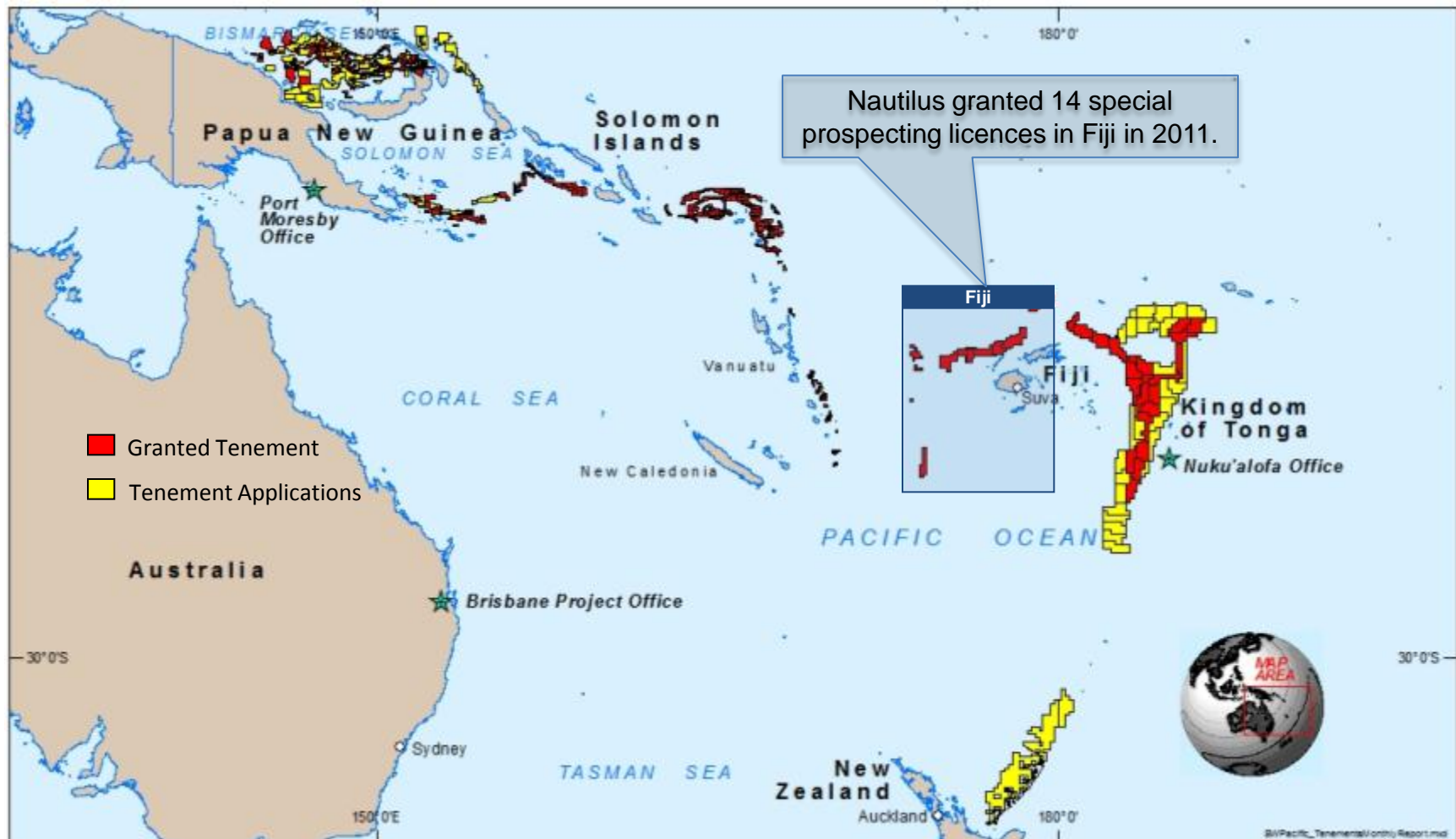
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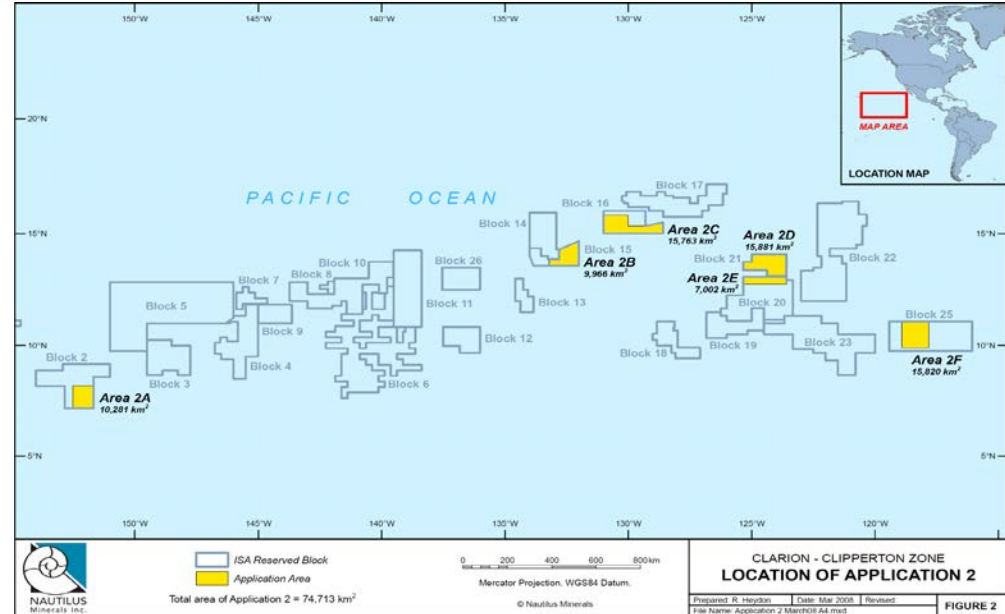
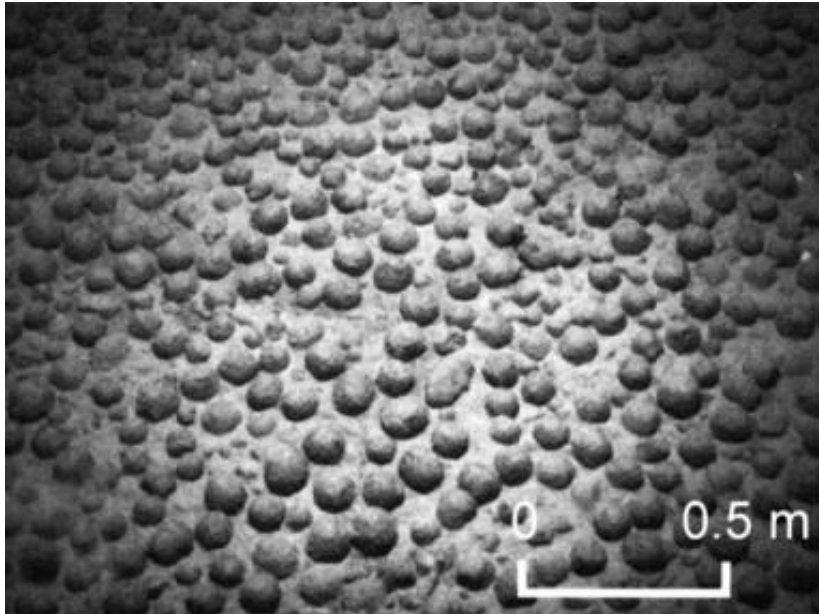
Large Tenement Portfolio Established

- Total of approximately 600,000 km² of tenements in multiple jurisdictions (1)



(1) Total tenements include those which have been granted and those under application. Includes 75,000 km² in Clarion-Clipperton Zone in Eastern Pacific

Nautilus Secures Prize Exploration Territory



- CCZ is known to host significant deposits of polymetallic nodules
- Rich in copper, nickel, manganese and cobalt
- Found on the seafloor at depths starting at 4,500 metres

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Pathway to Production*



Milestone	2012 Q1	2012 Q2	2012 Q3	2012 Q4	2013 Q1	2013 Q2	2013 Q3	2013 Q4
Exploration Program, PNG and Tonga	✓							
Commence vessel fabrication	✓							
Drilling program, PNG and Tonga		✓						
Sub-sea lift pump testing				✓				
Dewatering plant complete					✓			
Vessel Construction Complete					✓			
Delivery of SPTs					✓			
Equipment Integration to Vessel							✓	
Start of Production								✓

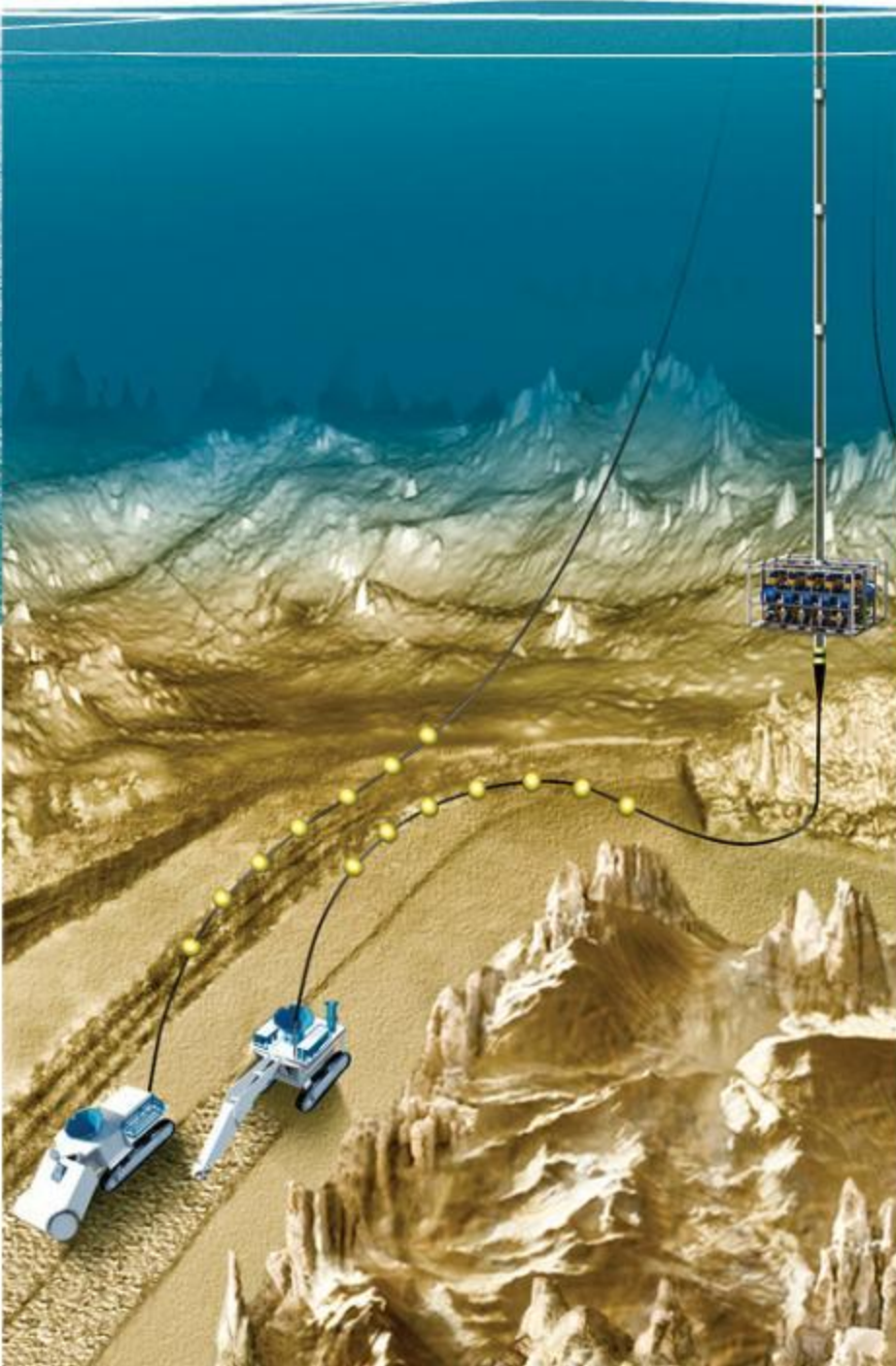
*Subject to market and economic conditions

2012 Priorities



- Complete agreements with PNG Government/Petromin
- Secure additional funding
- Advance equipment construction
 - Progress SPE build
 - Progress vessel fabrication
- Close on an initial treatment and sales agreement
- Exploration program in PNG, Tonga, and desk top work on Fiji





www.nautilusminerals.com

