



Company Announcements  
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By Electronic Lodgement

22 October 2012

### **Conference Presentation**

In accordance with the requirements of Listing Rule 3.1 we submit the attached material being presented at today's MENA Mining Show in Dubai.

Mr Richard Rossiter, Executive Chairman of Realm Resources Limited, is making the presentation.

Yours sincerely

Theo Renard  
Company Secretary  
**Realm Resources Limited**

#### **For further information please contact:**

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#### **About Realm**

Realm's strategy is to create shareholder value through exploration and development of quality metal and minerals sector projects. The Company's primary focus is on the acquisition and development of the Katingan Ria thermal coal project coal in Indonesia. On 6<sup>th</sup> October 2011, Realm announced the acquisition of Kalres Limited and through Kalres acquired 51% of PT Katingan Ria (PTKR), an advanced thermal coal exploration project located in Central Kalimantan, Indonesia, for a total transaction value of US\$12.6 million and 15 million Performance Rights. The Katingan Ria Project has the potential to establish Realm as a thermal coal producer in a nation that has an established coal industry; and is ideally located to export to the high demand southeast Asian markets. Kalres is party to a Master agreement under which Kalres can acquire up to a 75% interest in PTKR.



In addition, Realm has platinum group metals (PGM) in South Africa an aluminium dross treatment plant in South Africa.

# **REALM RESOURCES**

## **DEVELOPING THE KATINGAN RIA THERMAL COAL PROJECT**

22 October 2012



## Disclaimer & Competent Person Statement

Certain forward-looking statements may be contained in this presentation which include, without limitation, expectations regarding platinum and coal prices, estimates of resources, production, operating expenditure, capital expenditure and projections regarding the completion of capital projects as well as the financial position of the company. Although Realm Resources believes that the expectations reflected in such forward-looking statements are reasonable, no assurance can be given that such expectations will prove to be accurate. Accordingly, results could differ from those projected as a result of, among other factors, changes in economic and market conditions, changes in the regulatory environment and other business and operational risks.

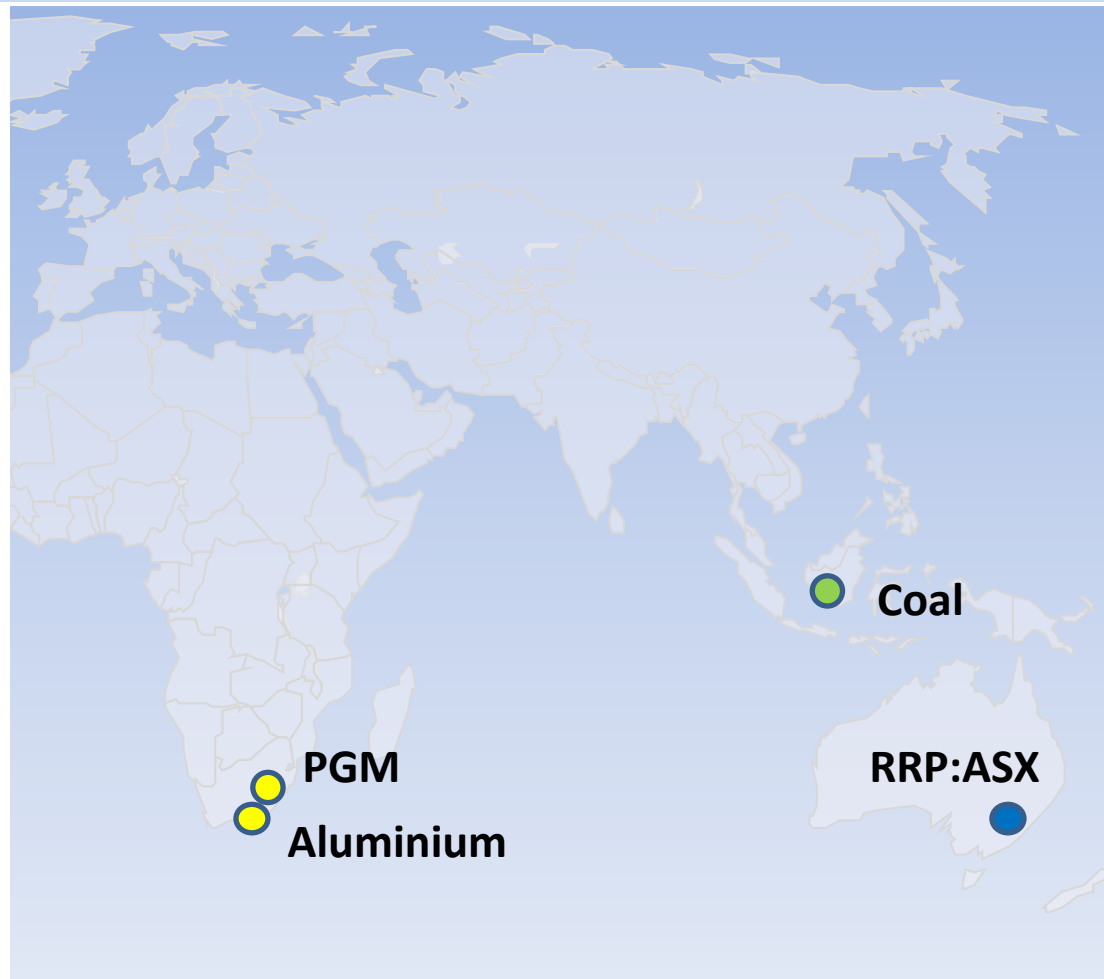
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**Competent Persons Statement – Katingan Ria Project** The information in this announcement that relates to Exploration Results, Mineral Resources at the “Katingan Ria” Project is based on information compiled by Mr Troy Turner, who is a Member of the Australian Institute of Mining and Metallurgy. Mr Turner is a full-time employee of Xenith Consulting Pty Ltd. Mr Turner is a qualified geologist and has sufficient experience which is 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 2004 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr Turner consents to the inclusion in the presentation of the matters based on his information in the form and context in which it appears.

# Realm Snapshot

as at 19 October 2012

- 400 m shares
  - 2.5m options
- Share price: A\$0.022c
- Market cap. \$8.9m
- Cash \$1.3m (June '12)
- Major shareholders
  - Taurus Fund – 29.2% <sup>1</sup>
  - A Matheson – 3.0%
  - Berpaid – 2.2%
  - Mr Ahmad Faud Ali – 2.1%
- Experienced board & management



1. These shares are held by JP Morgan Nominees

# Katingan Ria Project Overview

- Central Kalimantan, 100km NW of Kasongan and 40km from the Katingan River
- 102mt JORC resource\*
- Sub-bituminous, mid-rank (4,200 GAR), low sulphur thermal coal
- Simple geology, low strip ratio
- \* 10mt indicated and 92mt inferred
- Advanced permitting
- Supportive Indonesian partners (Goku)
- RRP 51% → option to go to 75%

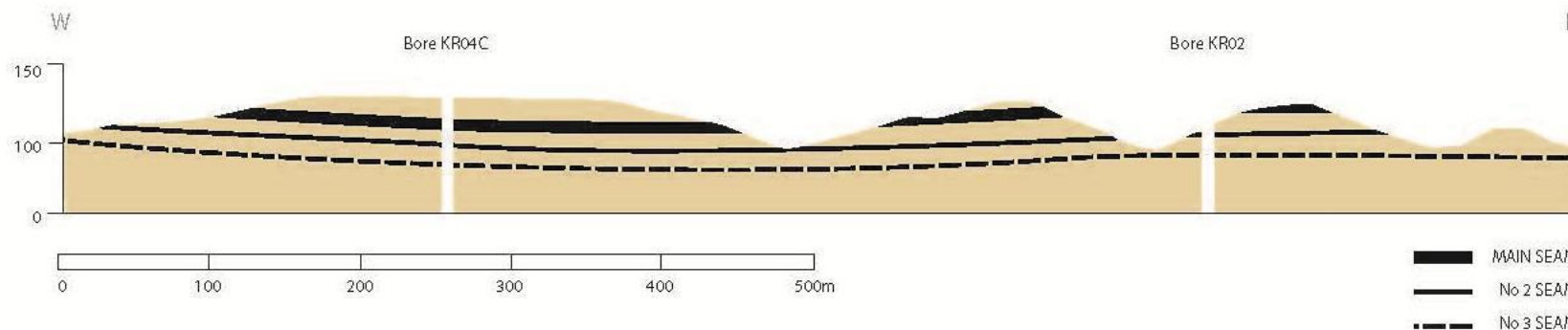
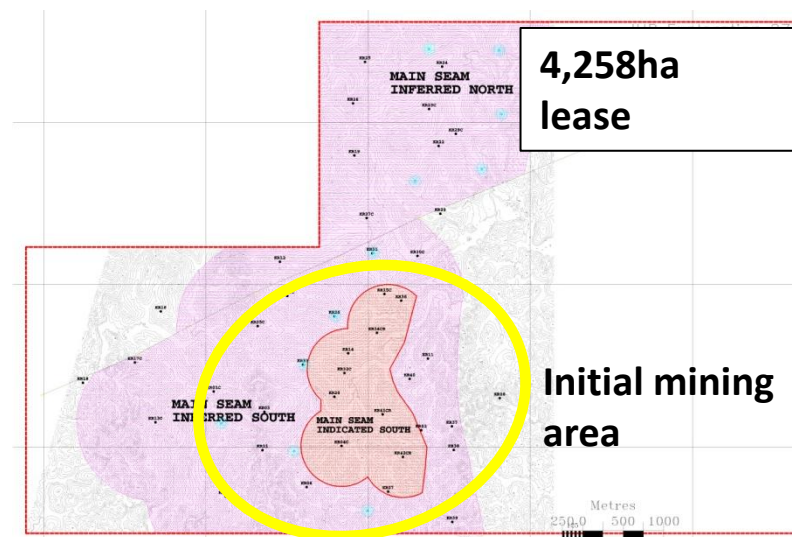
**Shaping up as a simple open cut operation**





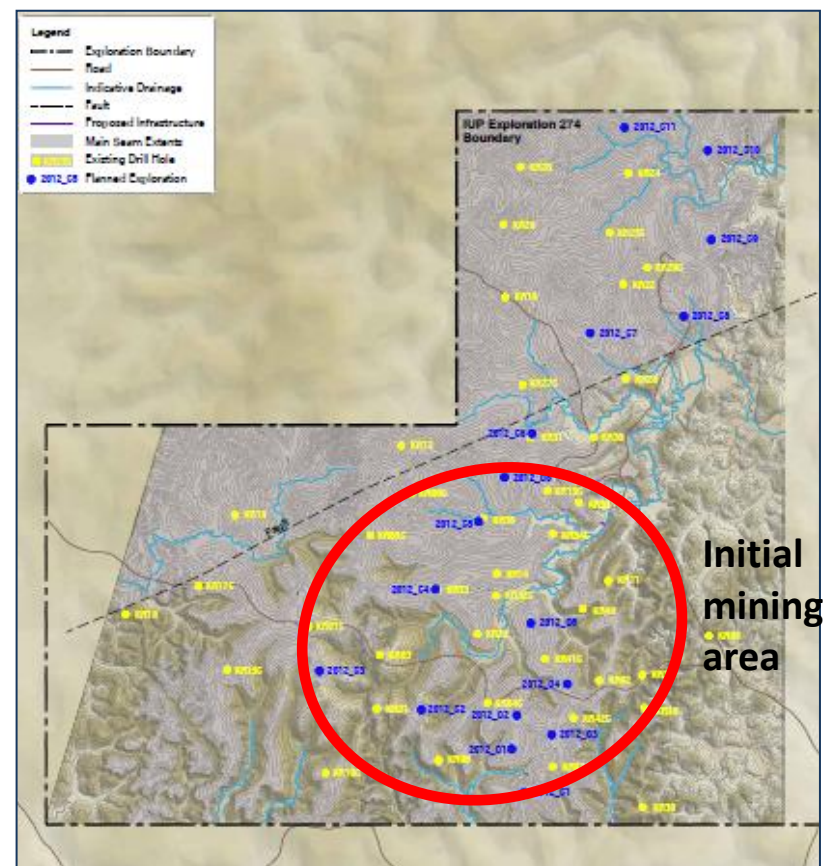
# Simple geology with low strip ratios

- Shallow dipping, multiple seam deposit
- Main Seam 3-5m thick
- 102mt JORC resource
- 10mt indicated & 92mt inferred
- Initial mining area 2-3:1 strip ratio



# Resource Upgrade Underway

- >1500 meter drilling programme underway
- Aim to upgrade resource to JORC Measured and Indicated – largely in initial mining area
- Better definition of upper seams in the North
- Additional coal quality information





# Coal Quality → Growing Power Demand

Sub-bituminous, low sulphur thermal coal

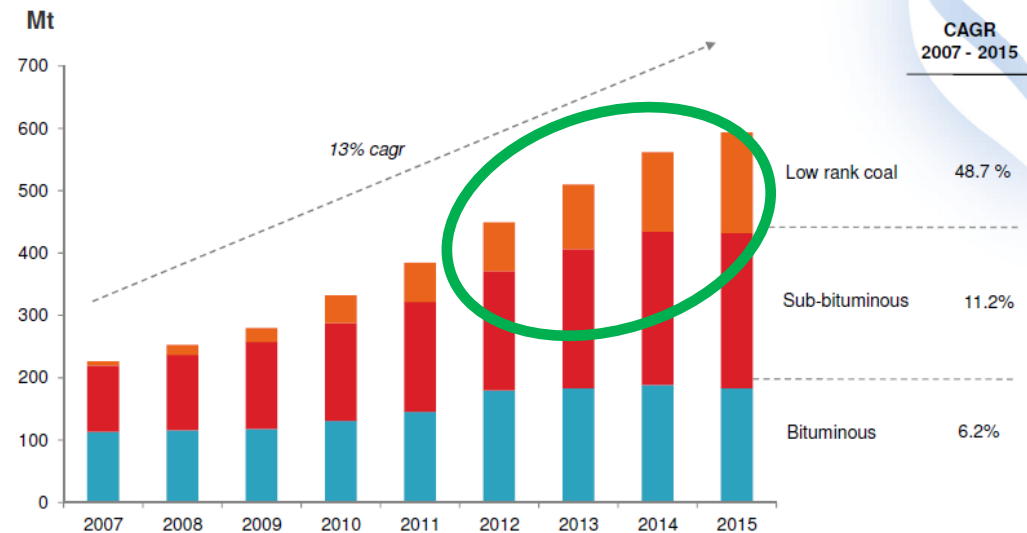
## Indicative Specifications\*

- GAR 4,200kcal/kg
- NAR 3,870kcal/kg
- ADB 5,250kca/kg
- TM 32%
- Ash 8.5%
- Sulphur 0.2%
- HGI 50

\* Initial mining area

## Forecast Potential Production by Coal Type

Significant growth in LCV coal while HCV coal represent growth only 6.2% pa and could be constant after 2011



Note: Bituminous: >5,400 kcal/kg (gar)  
Sub-bituminous: >4,200 to 5,400 kcal/kg (gar)  
Low rank coal: Up to 4,200 kcal/kg (gar)

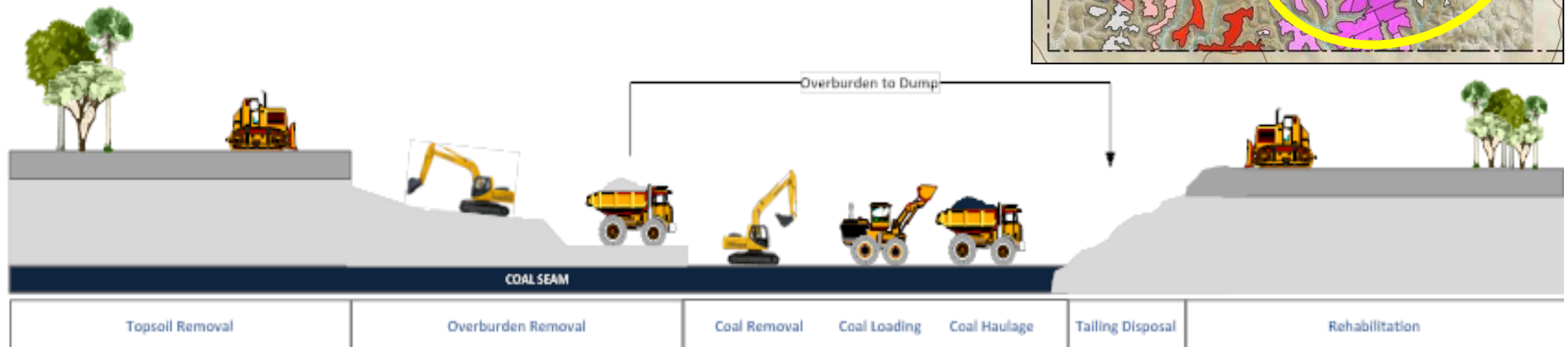
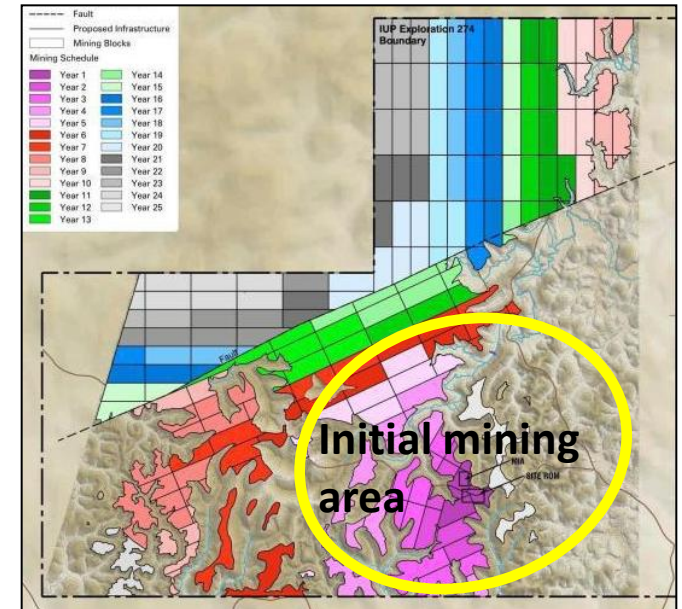
Source: Marketing, Sales and Logistics, Banpu PCL

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**Supplying the fastest growing Indonesian export coal type to India and China**

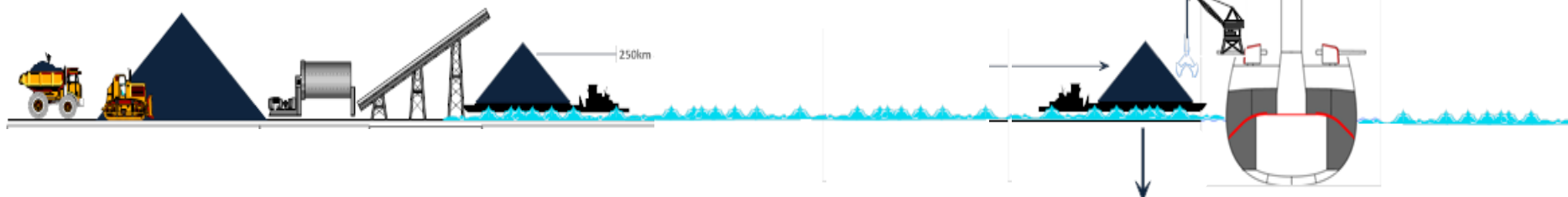
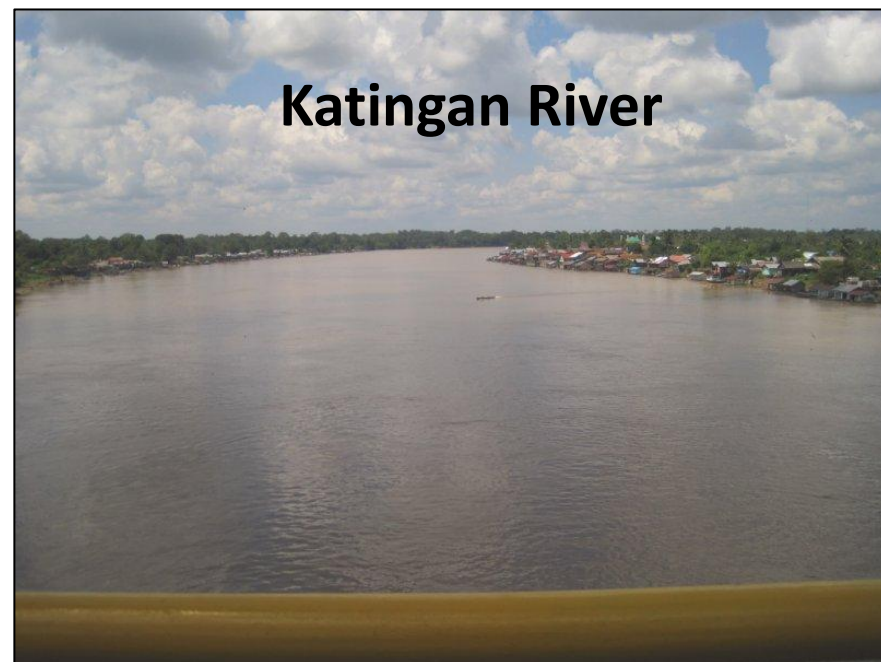
# Low cost open cut mining

- Base case 3mtpa
- 3 year ramp-up from H2 2013
- Truck/shovel and dozer push
- Initial mining area minimises strip ratio and haulage distances



# Logistics – Truck, Barge and Tranship

- ~40km haulage – existing logging road
- Crush, stock pile and conveyor loading
- ~420km barge (river depth survey)
- Port stock pile and large barge transfer
- Transshipping to bulk carrier



# Project Study Metrics\*

## Capital Costs

- **Acquire 51% – Tranche 1 (complete)** **US\$12.6m**
- **Acquire to 75% – Tranche 2 (1Q '13)** **US\$12.0m + \$5m**
- **Development capital (100%)** **~US\$23.0m**
  - 3Mtpa case (subject to findings of BFS)
  - Partners fund their 25% share
  - Development capital requirement to be staged. Forecast
    - US\$20m (100%) for first two years of production

## Cash costs (FOB)

- US\$15/t mine & haul;
  - US\$16/t barge & trans-ship; US\$9/t other
- ~US\$39.2/t**

## Revenue assumption

- FOB Basis (at mother vessel): 4,200kcal/kg GAR **US\$52/t**

\* Based on Project Study, August 2012

# Advanced Permitting

- Final Forestry operations permit in progress

PT Katingan Ria – Permitting Status	2011		2012		2013
<i>Activity</i>	<i>H1</i>	<i>H2</i>	<i>H1</i>	<i>H2</i>	<i>H1</i>
IUP Exploration	✓				
Forestry (Pinjam Pakai) Exploration- south	✓				
Forestry (Pinjam Pakai) Exploration – north	✓				
IUP Operations and Production		✓			
Forestry permit (Pinjam Pakai) Operations - in progress (CP to deal)					
Ancillary permits - eg Jetty, anchorage etc - in progress					

# Progress and Path to Development

- Q4 '12 - Resource upgrade and final forestry permit
- Q1 '13 – Feasibility Study and resource upgrade to reserves
- Q1/2 '13 – Funding and Off take
- H2 '13 - Trial mining and ramp-up

PT Katingan Ria - progressive derisking and targets	2011		2012		2013	
Activity	H1	H2	H1	H2	H1	H2
Agreement to acquire PTKR (75%) for \$29.6m & 15m shares	✓					
Due Diligence drilling - 40mt JORC resource		✓				
Positive scoping study - 3mtpa at \$40/t FOB		✓				
Mining permit (IUP Operations)		✓				
\$15m funding package secured & Taurus conerstone investment		✓				
Acquire PT Katingan Ria (51%)		✓				
Resource upgrade to 102mt (92mt inferred, 10mt inicated)			✓			
Project study - confirms 3mtpa base case operation				✓		
Resource upgrade drilling and BFS						
Final Forestry (Pinjam Paki) explotation permit (CP to deal)						
BFS report, Tranche 2 (to 75%) & development funding						
Trial mining and ramp up						



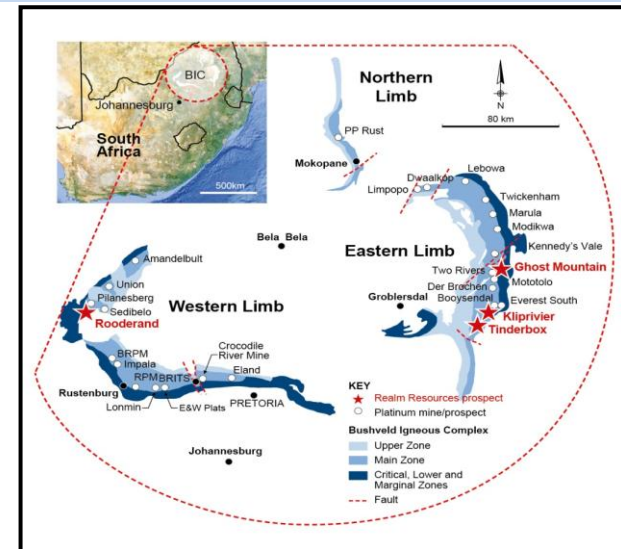
# Financing Strategies

Funding Type	Description	Status
<b>Equity - strategic investor</b>	Placement at the Singapore holding company level - key interest groups include end users, traders, or producers	Square Resources appointed to introduce qualified potential strategic investors. Data room opened, site visits continuing
<b>Off take prepayment or monetisation</b>	Prepayment for off-take at the Realm Singapore trading company and/or Indonesian project levels.	Contract discussions underway with several potential customers within the region
<b>Debt</b>	Debt financing at the Singapore trading company level and/or the project level.	Verbal expressions of interest received from several banks. To be progressed as feasibility study completed.
<b>Equity - public markets</b>	Placement at the RRP (public company) level	Veritas Securities and Investec Bank appointed to raise equity as required

# Realm – PGM and Aluminium

- **PGM West ~ 4Moz advanced exploration**
  - Being merged into Chrometco for equity and board seat
  - Requires exploration right renewal
- **PGM East ~ 7Moz advanced exploration**
  - Requires exploration right renewal
- **Alumicor: ~ AU\$0.5m - AU\$1.0m positive cash flow \***
  - Aluminium waste toll treating business
- Strategic initiatives under way to add value and maximise cash flow

\* Source: - Director's estimate



## Investment Case

- Expanding into high growth thermal coal market
- Indonesian thermal coal feasibility study well advanced (102Mt JORC resource)
- Near term production forecast in H2 2013
- Experienced team with supportive funding and project partners
- Attractive valuation
- Underpinned by South African PGM and Aluminium assets

**Strategic Investors and other interested parties are encouraged to contact  
Realm**

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Katingan River at Tumbang Samba

# Appendix- Resource and Coal Quality

BLOCKNAME	Seam	Mass	True Vertical Thickness	RAW ASH (% adb)	RAW CV kcal/kg (adb)	RAW FC (% adb)	RAW HGI (adb)	RAW IM (% adb)	PRD insitu	RD (adb)	RAW TM (% ar)	RAW TS (% adb)	RAW VM (% adb)
South													
INDICATED	MAIN	10,185,032	4.34	8.7	5,240	38.3	48	15.1	1.30	1.40	33.2	0.21	38.1
INFERRED	MAIN	23,015,682	3.58	9.8	5,147	36.9	48	15.6	1.31	1.40	31.0	0.20	38.5
INFERRED	2	3,181,819	0.52	13.5	5,147	27.1	68	14.8	1.28	1.38	30.4	0.21	44.5
INFERRED	3	2,160,675	0.36	10.8	5,252	37.0	40	13.8	1.29	1.40	34.1	0.31	38.4
North													
INFERRED	MAIN	35,584,403	3.92	10.7	5,286	37.7	49	12.2	1.30	1.42	30.8	0.24	39.6
INFERRED	B	8,327,593	1.13	16.4	4,643	33.3	47	12.2	1.33	1.46	30.7	0.24	36.0
INFERRED	C	8,439,470	1.18	22.7	4,239	31.4	-	13.3	1.38	1.52	29.9	0.22	34.3
INFERRED	D1	1,974,309	0.37	16.6	4,702	33.8	47	13.3	1.34	1.48	31.1	0.26	36.2
INFERRED	D2	7,041,717	1.17	18.3	4,498	32.6	-	13.7	1.35	1.48	30.5	0.25	34.9
INFERRED	D3	2,251,909	0.38	21.6	4,036	30.7	-	15.5	1.39	1.51	31.1	0.27	30.9
TOTAL													
Total	Main Seam	68,785,116	3.87	10.1	5,233	37.5	49	13.8	1.30	1.41	31.2	0.22	39.0
Total	Upper Seams	28,034,998	1.04	19.2	4,440	32.4	47	13.2	1.36	1.49	30.5	0.24	34.8
Total	Lower Seams	5,342,495	0.46	12.4	5,189	31.1	57	14.4	1.28	1.39	31.9	0.25	42.0
GRAND TOTAL		102,162,609											

# Appendix - Investment Drivers

## Macro/Indonesia

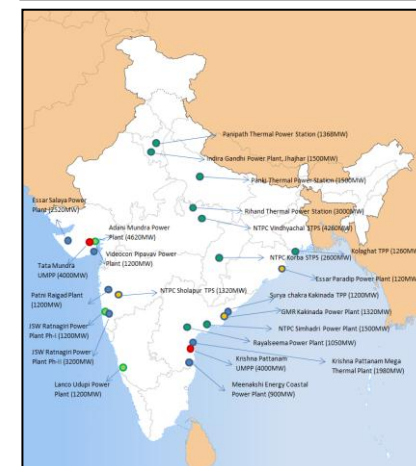
- Established markets, rapidly growing demand for low CV/low sulphur coal both domestically and regionally
- Well located relative to key markets in Korea, India and China
- Mature mining environment
- Indonesia now largest exporter of thermal coal and continues to grow

## Project/Regional

- Emerging potential for Central Kalimantan
- First mover opportunity, upside potential versus risk
- Supportive regional government
- Single Regency Pit to Port
- Advanced permitting
- Exclusive cooperation agreement with Indonesian partners in Katingan regency
- Staged development – low capital entry and approach to progressively de-risk project

## Logistics

- Similar logistics to projects on the Barito and Mahakam Rivers
- Early stage- river underutilised
- Secured access to land





# Appendix – Indicative Product Quality

- GAR 4,200kcal/kg
- NAR 3,870kcal/kg
- ADB 5,250kca/kg
- TM 32%
- Ash 8.5%
- Sulphur 0.2%
- HGI 50

Katingan Ria - Main Seam					
Initial Mining Area					
Indicative product quality (no dilution )					
		AS RECEIVED	AIR DRIED	DRY	DRY ASH FREE
Moisture (%): Proximate Analysis (%) :	Total	32.0			
	Inherent Moisture		15.0		
	Ash	6.8	8.5	10.0	
	Volatile Matter	30.6	38.3	45.0	
Total Sulphur (%) :	Fixed Carbon	30.6	38.3	45.0	
		0.17	0.21	0.25	
Calorific Value :	Gross (kcal/kg)	4200	5250	6176	
	Net (kcal/kg)	3870	4800		
Ultimate Analysis (%) :	Carbon	44.5	55.6	65.4	72.7
	Hydrogen	3.0	3.7	4.4	4.9
	Nitrogen	0.48	0.60	0.71	0.79
	Oxygen by difference	13.2	16.5	19.4	21.6
	Sulphur	0.17	0.21	0.25	0.27
Ash Analysis (% in dry ash)	SiO <sub>2</sub>	51	K <sub>2</sub> O	0.3	
	Al <sub>2</sub> O <sub>3</sub>	33	TiO <sub>2</sub>	1.9	
	Fe <sub>2</sub> O <sub>3</sub>	6.5	Mn <sub>3</sub> O <sub>4</sub>	0.01	
	CaO	3.2	P <sub>2</sub> O <sub>5</sub>	0.1	
	MgO	1.10	SO <sub>3</sub>	2.18	
	Na <sub>2</sub> O	0.04	Total	99	
HGI:	50				
Ash Fusion Temperatures (°C):	Deformation	1325	Reducing		
	Sphere (Softening)	1420			
	Hemisphere	1430			
	Flow	1440			
Topsized (mm) nominal:	50				