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David Robb, Managing Director and CEO Iluka Resources Limited 1 April 2014

Disclaimer – Forward Looking Statements



Forward Looking Statements

This presentation contains certain statements which constitute "forward-looking statements". These statements include, without limitation, estimates of future production and production potential; estimates of future capital expenditure and cash costs; estimates of future product supply, demand and consumption; statements regarding future product prices; and statements regarding the expectation of future Mineral Resources and Ore Reserves.

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- changes in product pricing assumptions;
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- · emergence of previously underestimated technical challenges; and
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Non-IFRS Financial Information

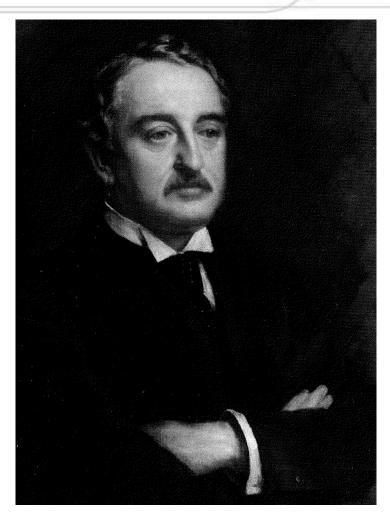
This presentation uses non-IFRS financial information including mineral sands EBITDA, mineral sands EBIT, Group EBITDA and Group EBIT which are used to measure both group and operational performance. A reconciliation of non-IFRS financial information to profit before tax is included in the supplementary slides. Non-IFRS measures have not been subject to audit or review.

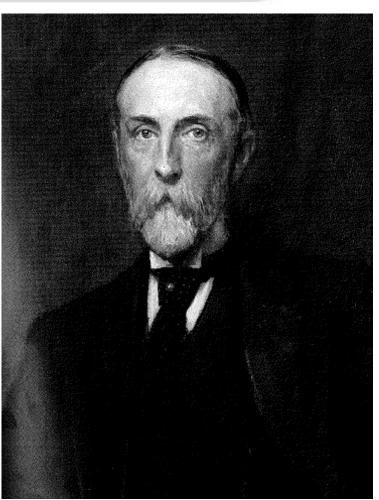


"Shifting Sands" A changing mineral sands landscape The role of technology - past, present and future Iluka's response

South African Origins





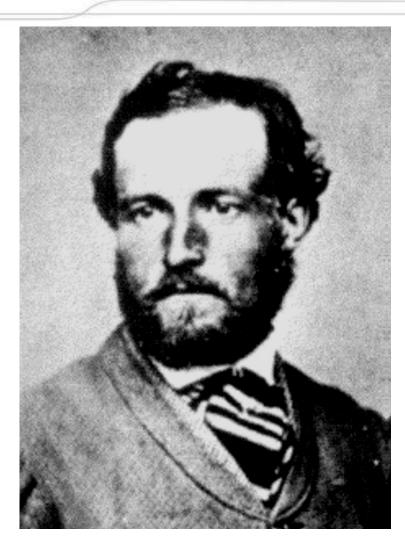


Cecil John Rhodes (1853 - 1902)

Charles Rudd (1844 -1916)

Australian Origins





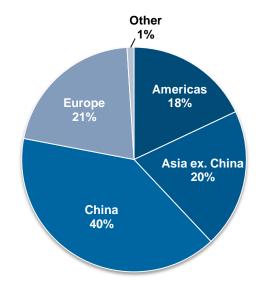
George Renison Bell (1890 - 1958)

Company Overview



- Largest producer of zircon in the world
- Significant high grade titanium dioxide producer (rutile and synthetic rutile)
- ~10 years reserve life; resources¹ ~ 5 times reserves
- Royalty from BHP Billiton's Mining Area C in WA
- Strong balance sheet, 11.8% gearing as at 31 December 2013

2013 Revenue by Region



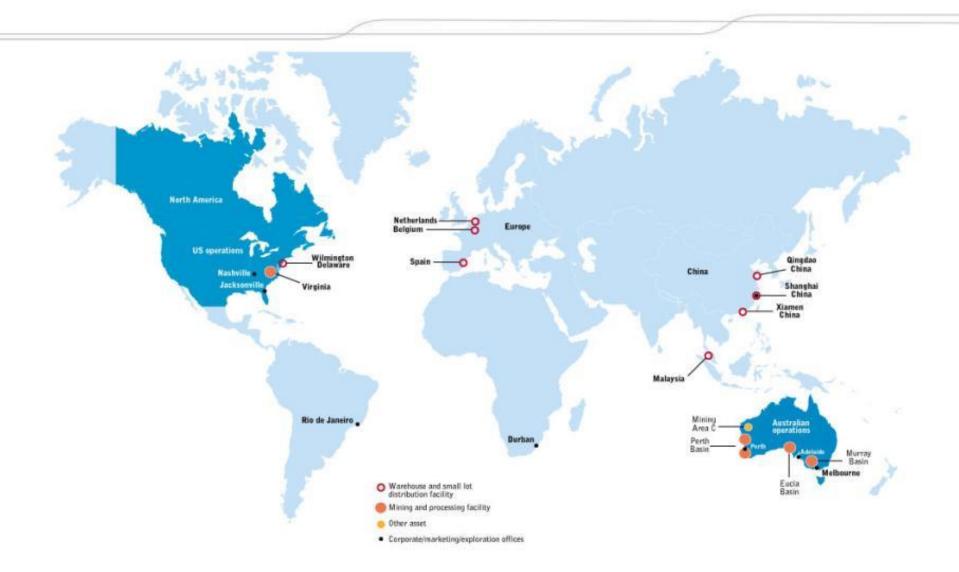
Note: Revenues include MAC royalty

- (1) As of December 2013
- (2) Reflects FY 2013 Revenue Distribution

Notes:

Iluka Operating and Marketing Locations





Mining Area C Iron Ore Royalty



 MAC covers part of BHP Billiton's iron ore mining operations in WA's Pilbara region, operated by BHP (85%) under a JV with Itochu and Mitsui

BHP Pilbara Iron Ore Operations



Source: BHP Billiton (Mar 2013)

Note: all production volumes based on wet metric tonnes.

- In perpetuity royalty stream
 - 1.25% of FOB A\$ revenues
- One-off payments: \$1m per 1mdmt production increase
- FY13 production for MAC of 50.5mdmt
- BHP WA Iron Ore capacity +220mtpa by end FY15
 - can cost effectively grow towards 260-270mtpa
- Capacity growth to come from:
 - debottlenecking, mobile crushers (+20mtpa); and
 - low cost option to expand Jimblebar to 55mtpa
- MAC an important part of non-Jimblebar growth

Zircon Attributes and Applications



Ceramics

Opacity (whiteness)
Water, chemical & abrasion resistant



Floor and wall tiles
Sanitary ware
Table ware

Refractory and Foundry

Heat resistant Non-reactive



Steel & glass manufacturing Precision metal casting

Zirconium Metal

Low thermal neutron absorption Corrosion resistant



Nuclear reactor cores & fuel rods Heat exchangers

Zirconia & Zirconium Chemicals

Many unique properties



Electronics
Catalysts
Fibre optics
Catalytic converters

Titanium Dioxide Attributes and Applications



Pigment

Opacity (whiteness)
UV resistant
Non-toxic and inert



Paints and coatings

Paper

Inks

Packaging

Titanium Metal

High strength to weight ratio Corrosion resistant



Aircraft engines and frames
Defence armourments
Chemical & desalination plants

Medical applications
Sporting equipment

Welding Flux Agent

Corrosion resistant



Steel construction
Ship building

Nanomaterials

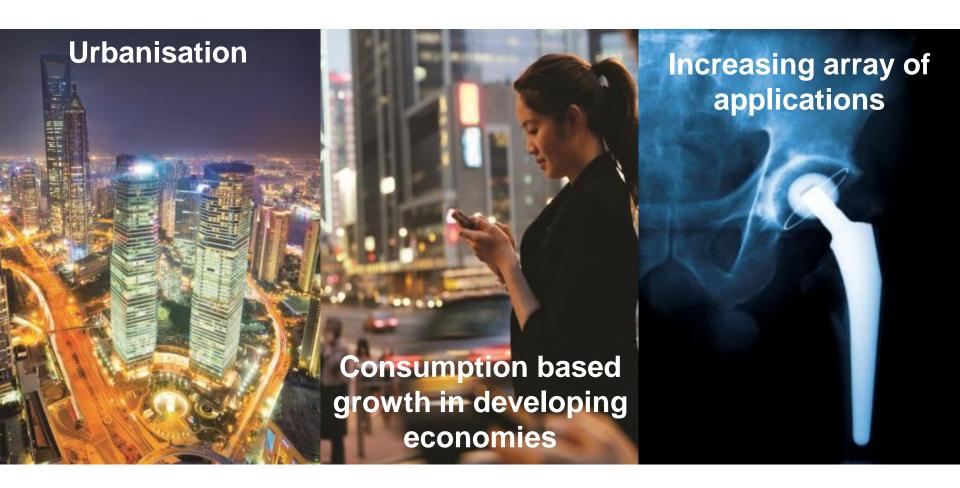
Many unique properties



Dye-sensitised solar cells
Water purification
Cancer treatments
Noise absorption

Robust Longer Term Demand Growth



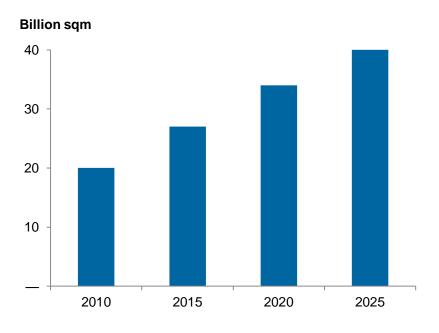


Urbanisation and Tiles

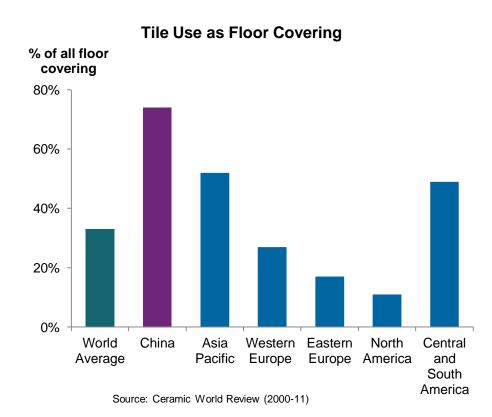


- Large urban population and floor space increases in developing countries
- Growth regions have preference for tiles as floor covering

China Urban Residential Floor Space



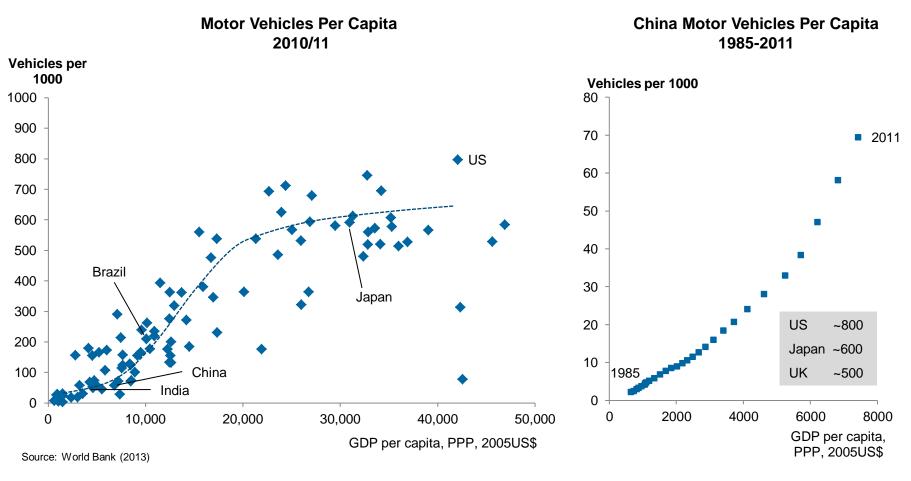
Source: Global Insight (2011), BHP (2011), RBS (2012)



Consumption Based Growth



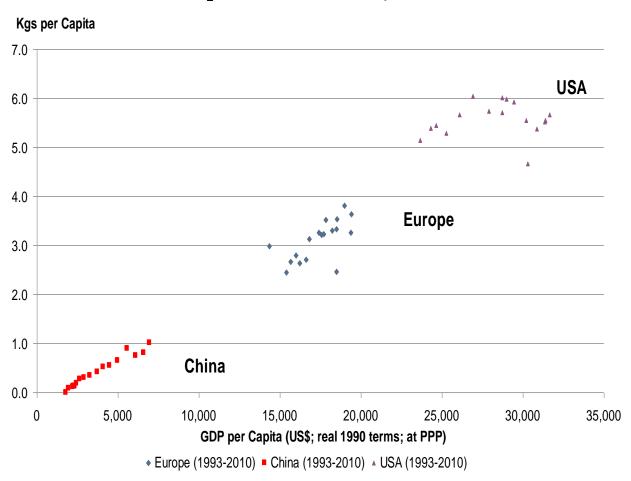
- Developing economies moving from investment to consumption based economic growth
- Rising incomes and living standards create S-curve demand trend







TiO₂ Feedstocks: Intensity of Use



Increasing Array of Applications



Zircon Chemicals Applications

Catalytic converters

Nuclear fuel rods

Oxygen and pressure sensors

Fibre optics

Electrical motherboards and capacitors

Titanium Metal Applications

Desalination plants

Offshore oil and gas components

Power plant cooling systems

Aerospace

Nanotechnologies

Defence armaments









A Changing Landscape

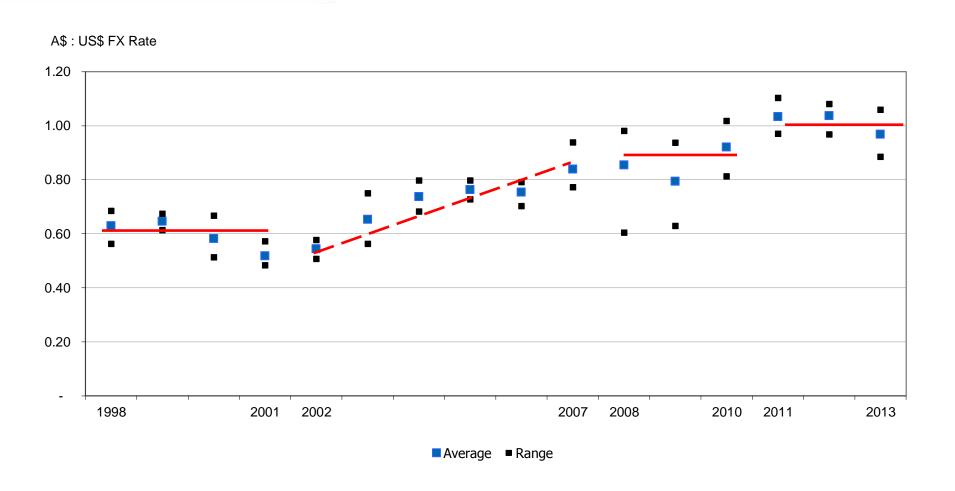


- Recent industry activity
 - Sichuan Lomon MOU with WTR (subsequently rescinded)
 - Huntsman/Rockwood
 - DuPont spinoff
 - Iluka re-acquisition of Puttalam resources in Sri Lanka
- Assets/operations/businesses for sale all parts of value chain
- DuPont Altamira chloride pigment expansion ~200kt in 2015
- China advancement of chloride pigment capacity
 - Government policy settings encouraging move to chloride
 - multiple projects underway or foreshadowed
 - first chloride producers ramping up
- No "new news" on additional mineral sands ore supply
- No exploration

Exchange Rate Pressures

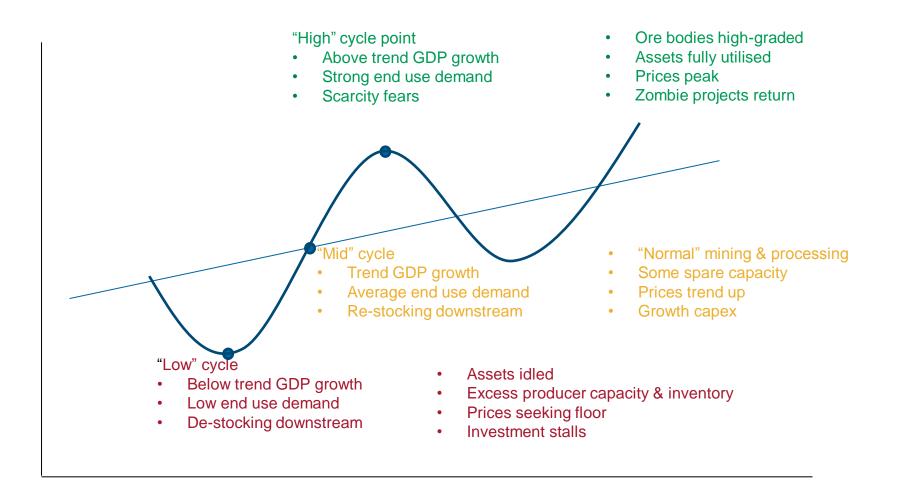


1998 to 2013



Mineral Sands Cycle Characteristics

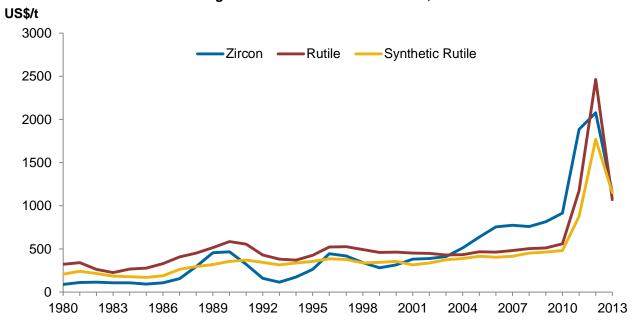




Price Volatility



Annual Average Selected Mineral Sands Prices, to end 2013

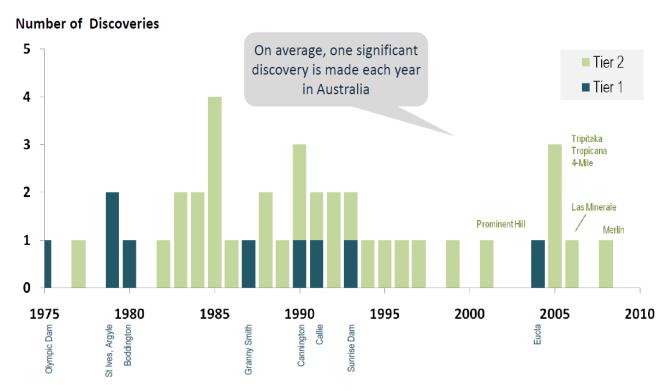


Source: Iluka and TZMI

Tier 1 & 2 Discoveries: Australia



Tier 1&2 Discoveries: Australia



Tier 1 = "Company Making" Mines. They are large, long life and low cost

Tier 2 = "Significant" Deposits. Has some, but not all, of the characteristics of a Tier 1

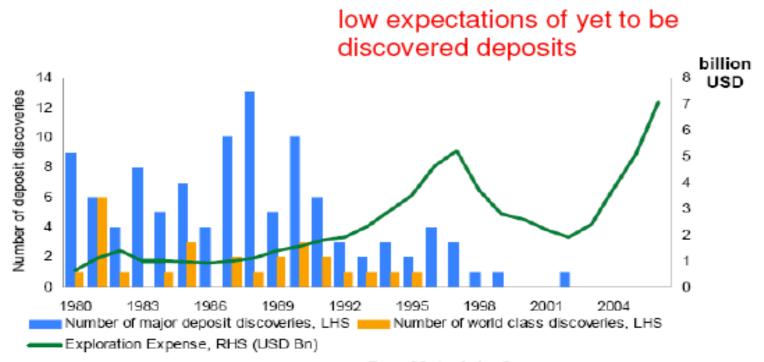
Source: MinEx Consulting May 2010





Metal minerals reserves

Discovery rate of major mineral deposits



Sources: BHP Billiton, MEG, UBS WMR. , Raw Materials Group

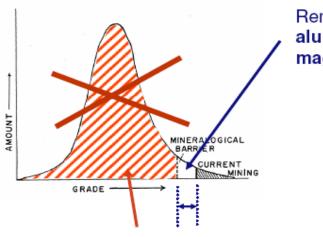




Energy scarcity means materials scarcity

Mineralogical barrier for elements ≥ 0.1%

(mass) earth's crust



Remaining relevant resources of aluminum, iron, silicon, magnesium, titanium,

Source: "Exploring the resource base" by Brian J. Skinner, Yale University, 2001

Extremely energy-intensive to extract

What Prompts Innovation



- Desire to achieve
- Problem Solving
- Desperation / Survival
- Mistakes
- Risk Management
- Economics
- Tyranny of distance

Heavy Minerals Innovation



Innovation Examples

1920's

Zircon Flotation

1930's

- Monazite concentrate (wet tables) —— Cerium
- Kroll process Ti Sponge

1940's

- Air tables HM Separation
- Electro-magnetic separation Ilmenite from rutile concentrate
- HT roll electrostatic plate separator
- Dredge mining pontoon mounted pump, land based spiral plant

Heavy Minerals Innovation



Innovation Examples

1950's

- Chloride pigment
- Australian rutile Titanium metal for aircraft
- Suction cutter dredge
- Rock ilmenite Sulphate slag, Canada

1960's

- Improved fibre glass spiral and cone concentrator
- Becher SR, Australia

1970's

Ilmenite Chloride slag, South Africa

1980's

- Rare earth roll magnets, hydrosizers, up current classifiers
- "Wallace" air core drill
- Circular slag furnace, Norway

Iluka Synthetic Rutile Evolution



Kiln	Location	Commissioned	Decommissioned
'A'	South Capel	1968	1993
'B'	South Capel	1974	1997
SR1	North Capel	1986	
'C' = SR3	Narngulu	1988	
'D' = SR4	Narngulu	1991	
SR2	North Capel	1997	

Where To From Here





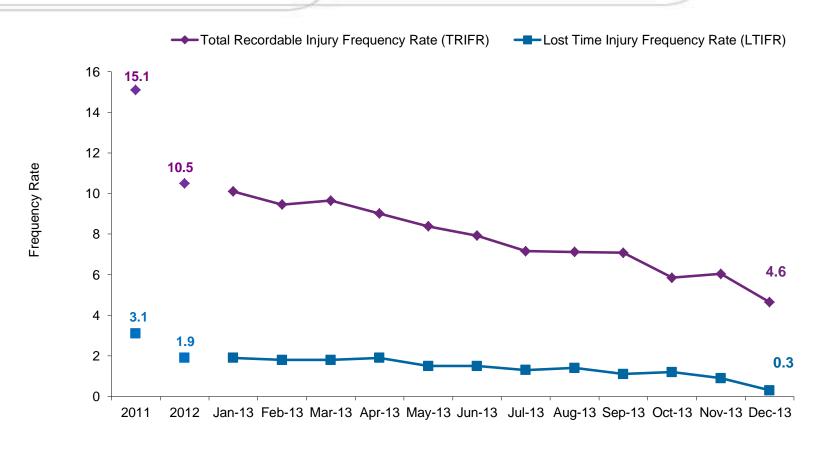
Iluka Response Game Plan





Continued Improvement in Safety Performance





- 63% reduction in TRIFR since 2011 (commencement of Safe Production Leadership)
- 90% reduction in LTIFR since 2011

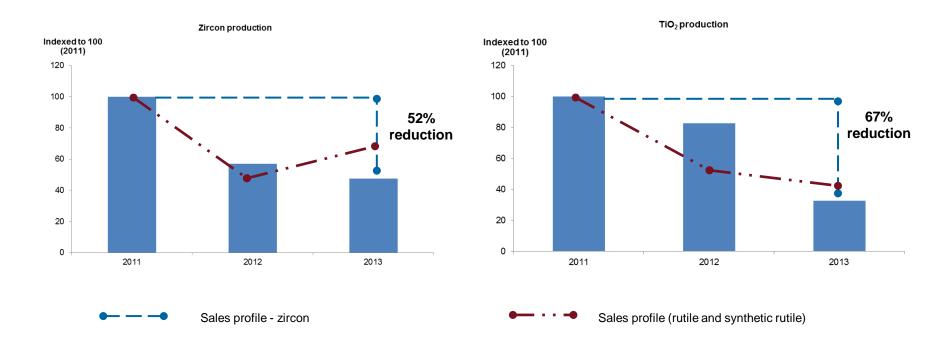
Iluka Approach



- Focus on shareholder returns through the cycle
- Flex asset operation in line with market demand
- Continue market development through the cycle
- Preserve/advance mineral sands growth opportunities
- Maintain strong balance sheet
- Continue to evaluate/pursue corporate growth opportunities
- Act counter-cyclically where appropriate

Production Flex – Zircon & High Grade TiO2





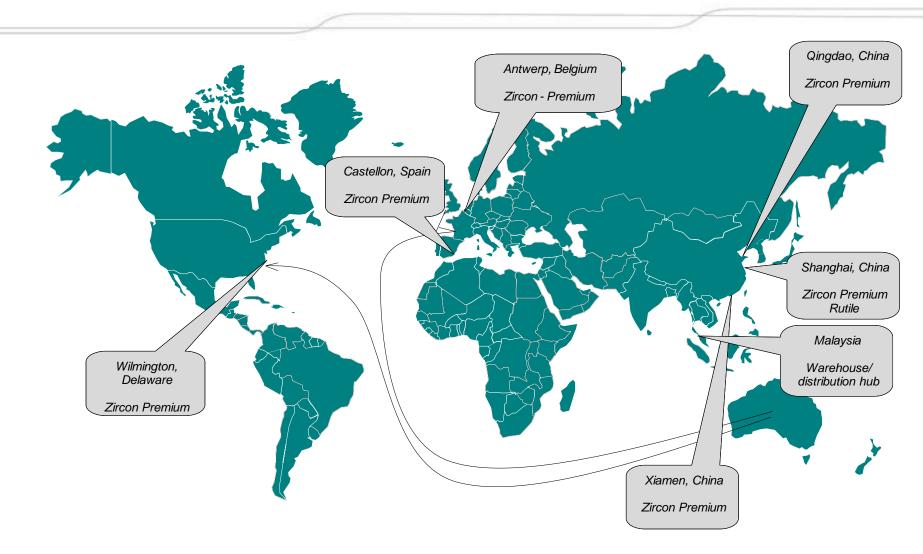
Integrated Operations





Marketing and Supply Evolution

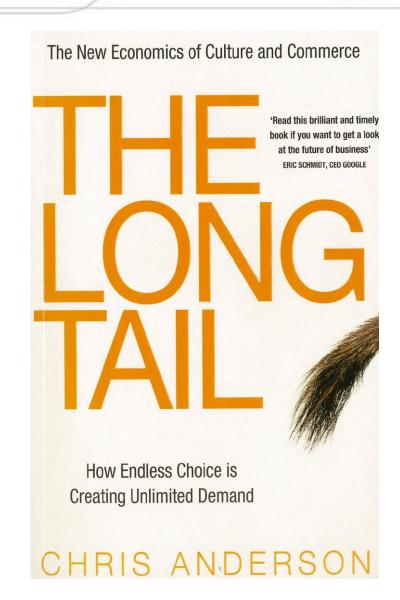




- Iluka has grown its presence in growth markets, especially China
- Iluka's high grade titanium customer base has grown from 20 customers in 2007 to 75 customers as at September 2011
- Iluka's zircon customer base has grown from 45 customers in 2007 to 135 customers as at September 2011

The Long Tail

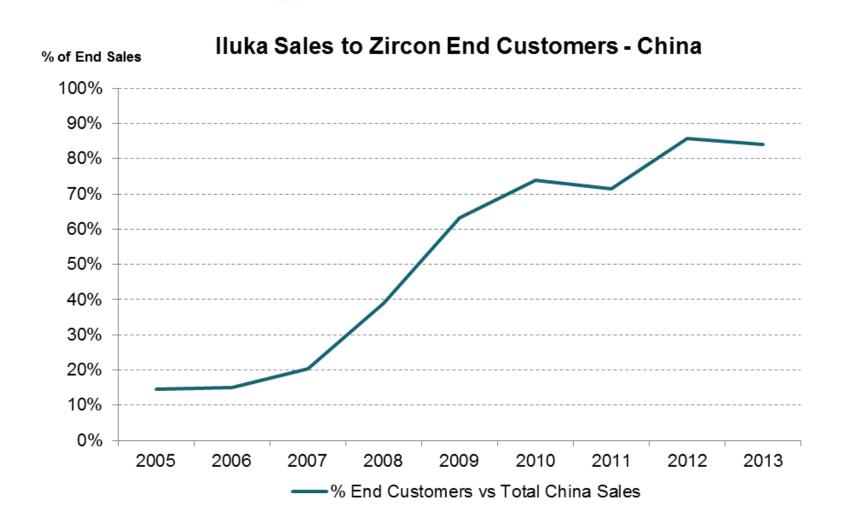




China

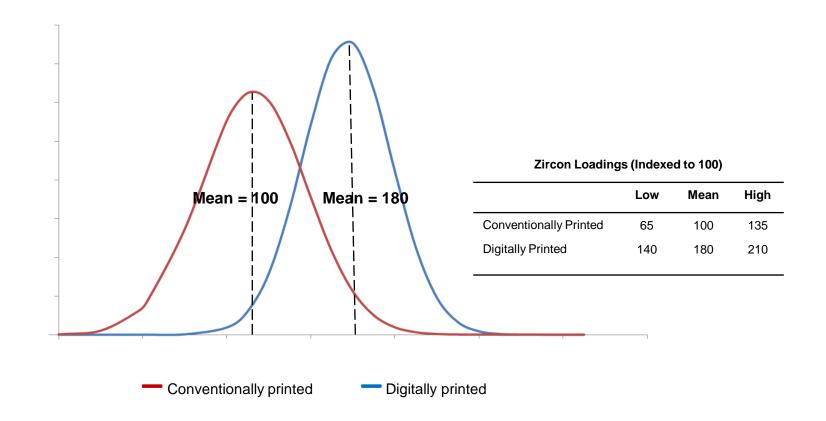


Direct Sales to China Customers



Zircon Loading - Digital vs Conventionally Printed Tiles ILUKA





Notes:

- This slide charts the distribution of zircon loadings for conventionally printed and digitally printed tiles, from Iluka's 2013 ceramics tile survey. The zircon distribution is shown as grams/sqm (data excluded for proprietary reasons).
- The mean of conventionally printed tile zircon loadings is shown as 100. Digitally printed mean zircon loading is shown as 180, hence 80% higher than the mean of conventionally printed tiles. The low and high zircon loadings for both types of tiles are shown in the table at 5% and 95% confidence intervals.

Mineral Sands Project Development



Project	Location	Characteristics	
Pre-execute			
Hickory	Virginia, USA	 Chloride ilmenite with associated zircon Utilisation of existing mineral separation plant (MSP) ~ 10 year mine life 	
Definitive Feasibility St	udy		
West Balranald	Murray Basin, NSW	 High grade rutile, zircon, ilmenite Next planned mine development in Murray Basin ~ 8 year mine life 	
Cataby	Perth Basin, WA	 Chloride ilmenite with associated zircon Next planned mine development in WA ~ 6 year initial mine life 	
Eucla Basin Satellite Deposits	Eucla Basin, SA	 3 chloride ilmenite with associated zircon deposits Close proximity to Jacinth-Ambrosia infrastructure Mine life extension to ~2027+ 	
Aurelian Springs	North Carolina, USA	 Chloride & sulphate ilmenite with associated zircon Utilisation of Virginia MSP ~ 11 year mine life 	
Scoping / Pre PFS			
Puttalam	Sri Lanka	 Large, long life mainly sulphate resource, re- acquired by Iluka in 201 	

Notes:

WRP Mine Move

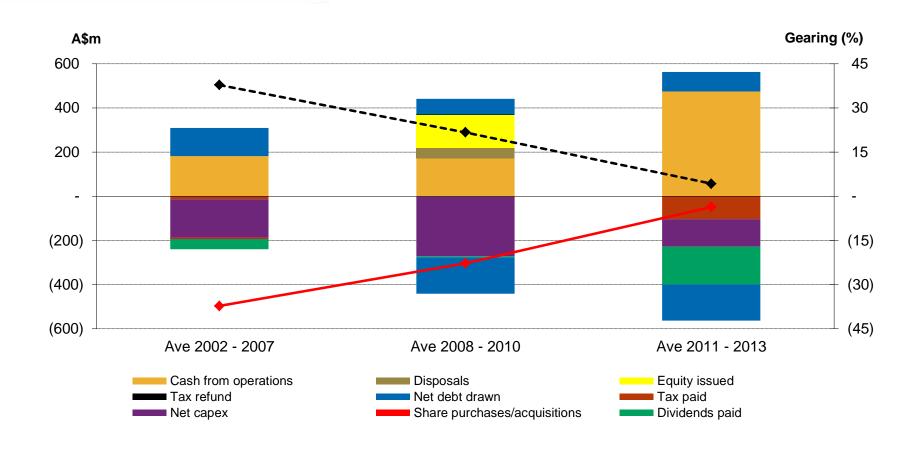






Iluka Response Sources and Uses of Funds





Metalysis – Strategic Fit



- Adjacencies with mineral sands business
 - could transform demand for titanium metal
- "Right" stage of technical/commercial development
- Ability for Iluka to contribute more than cash
 - supply of high grade titanium feedstocks
 - process engineering
 - project management
 - product development
 - global marketing
- Significant investment returns possible

New Investment - Metalysis

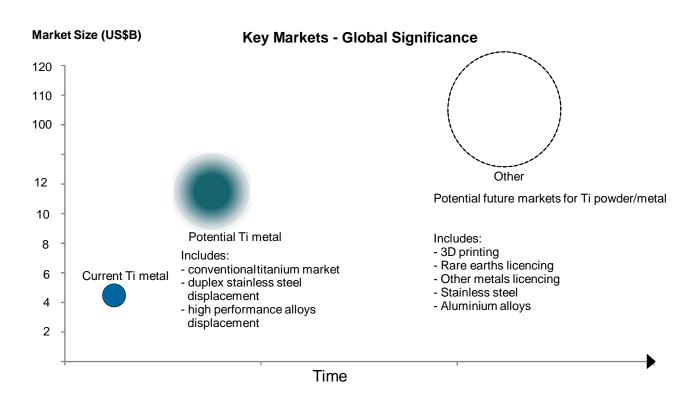


- 18.3% equity interest in Metalysis (UK VC Company) for \$22.5 million
- Metalysis can produce titanium powder directly from rutile
 - process has the potential to materially reduce the cost of titantium powder
- Metalysis process
 - developed patented production process for high value metals at lower cost
 - initial application tantalum metal powder
 - close to commercialisation
 - plan to construct processing plant
 - titanium (Ti) metal viewed as key market application for technology
- Potentially disruptive technology. If successfully commercialised:
 - new growth pathway for high value metals and alloys
 - major impact on Ti metal demand
 - application to new manufacturing technologies including 3D printing

Ti Metal Industry – Potential



- Lower cost Ti metal compete with High Performance Alloys (US\$4.5b market) & Duplex stainless steel (US\$2.3bn market)
 - access to a small percentage of these markets would significantly increase the size of the Ti metal industry
- 3D printing: potential market size of \$230-\$550 billion per year by 2025*
- Flow through increase in demand for titanium feedstocks (~2.5t of rutile required for 1t of Metalysis Ti powder)



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