Zircon Market Update





ZIA Conference Christian Barbier – General Manager Zircon Sales, ILUKA RESOURCES Bologna, 22 September 2017

Disclaimer, Forward Looking Statements



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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.

This presentation constitutes a summary of Iluka's financial performance and should be read in conjunction with the Iluka Resources Limited ASX Preliminary Final Report – 31 December 2014, which contains financial statements and consolidated financial statements of the group.

Outline



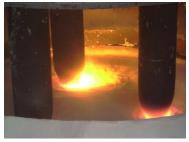
- Zircon Markets in 2017
- Supply & Demand Balance
- Commodity vs Industrial Mineral











General observations:

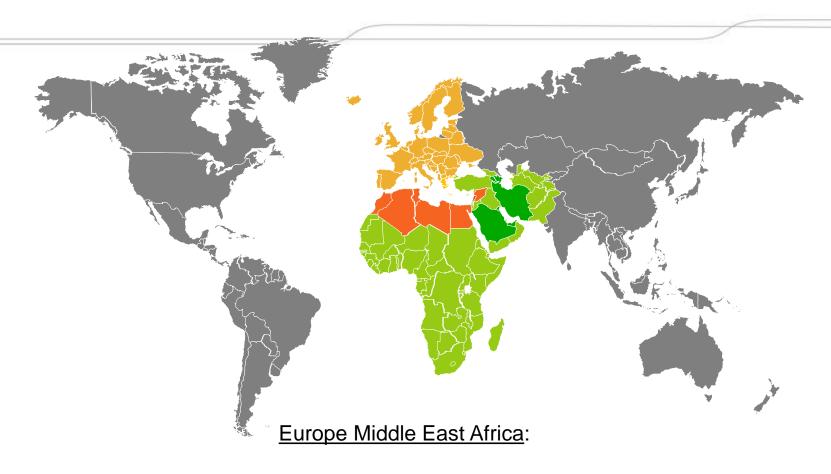
- Low overall growth over the last few years.
- Ceramics continues to grow moderately.
- Steel and glass overcapacity has weighed on refractories.
- Global infrastructure needs.
- China hasn't hard landed.
- New forecasts: light at the end of the tunnel?





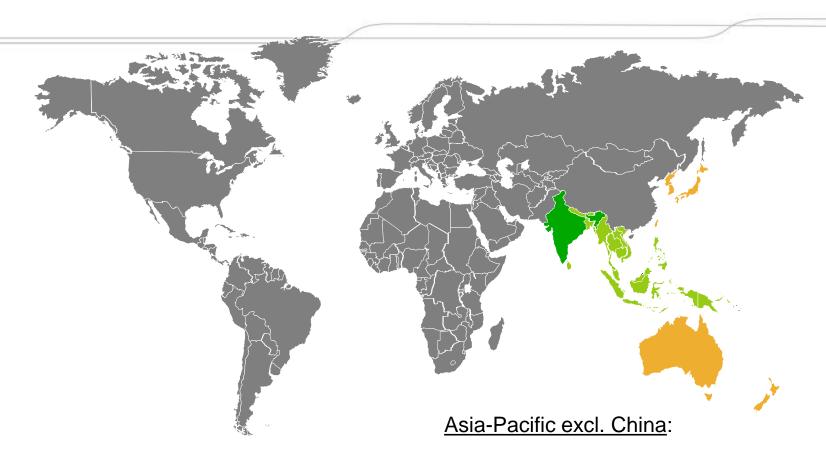
- Stable demand in North America.
- Infrastructure projects.
- No increase yet in Oil & Gas .
- ✓ Aerospace and automotive are faring well.





- Europe in line with seasonal trend.
- ✓ Spanish and Italian ceramic markets.
- ✓ Middle East demand improving.
- North Africa still facing difficulties.





- ✓ India: strong growth, infrastructure & reforms
- Asean: stable but highly competitive
- Japan/Korea/Taiwan: wait-and-see, positive signs





- Overall stable, low level of stocks.
- ✓ Real estate still positive.
- Environmental closures (from North to South).
- ✓ Industry consolidation.

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Supply & Demand Balance



Tightness has arrived

However underlying demand

shows very modest growth overall.

Recovery in prices since 2H 2016 Reduction in producer-Downstream held inventories restocking movement Buyers can't stock up much No inventory build up and some Iluka balances supply Mix of denial and demand can't be met.

active buying

when some miners

reduce deliveries

Supply & Demand Balance

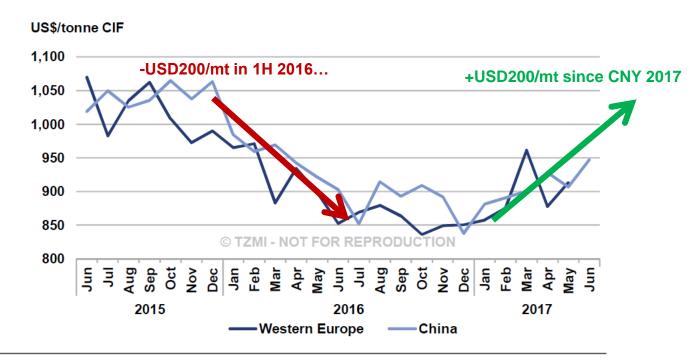


Tightness has arrived

The change was very quick

AVERAGE CIF PRICES FOR BULK ZIRCON INTO CHINA AND WESTERN EUROPE: JUNE 2015 – JUNE 2017





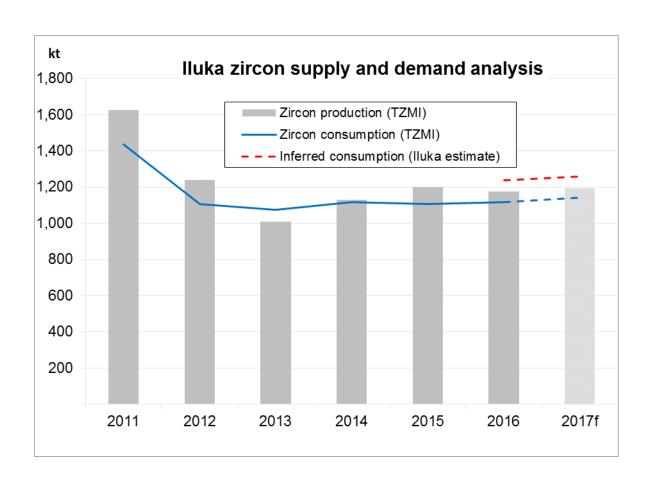
Supply & Demand Balance



Tightness has arrived

The change was very quick

Many were surprised



Outline

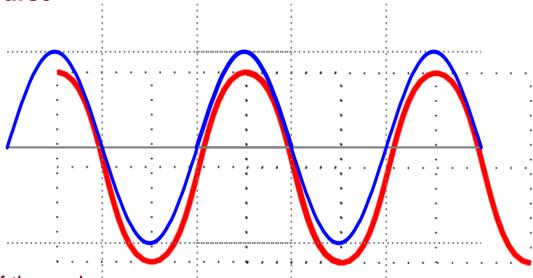


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Commodity vs Industrial Mineral







- Taking advantage of the cycle.
- Not focusing on product value.
- Insufficient margin throughout the cycle.
- Behaviour reproduces the cycle.

ILUKA

- prefers LT sustainable pricing based on value-in-use,
- won't engage in opportunistic pricing and fuel a short peak.

Commodity vs Industrial Mineral



Zircon is a better product... but there are lower quality substitutes



- ✓ Opacity whiteness
- √ Hardness
- ✓ Low thermal expansion
- ✓ High melting point
- ✓ Thermal conductivity
- ✓ Chemically inert
- ✓ Low neutron absorption



KAOLIN

CHROMITE

S.MULLITE

Commodity vs Industrial Mineral



What the industry should focus on

DEVELOPING VALUE:

- Protects from Substitution
- Environmental Impact
- Better rather than More
- Technology in Processing

INDUSTRIAL MINERALS:

- Technical Development
- Commercial Initiative
- Sustainable Practices
- Financial Discipline

2017-2019 isn't 2010-2012

Responsible behaviour to ensure long term prosperity of all in our industry.



Christian Barbier, General Manager Zircon Sales christian.barbier@iluka.com

