



Disclaimer



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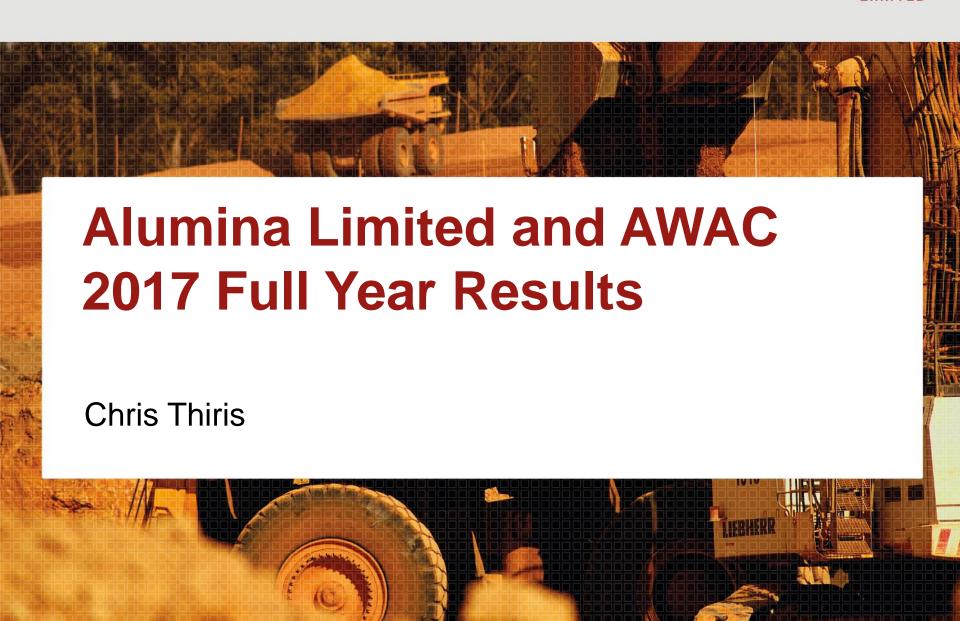
An outstanding 2017



	2017 (\$m)	2016 (\$m)	Change %
NPAT	339.8	(30.2)	1,225
Net receipts from AWAC	263.1	184.8	42
Final dividend (US cps)	9.3	3.1	200
Total dividend (US cps)	13.5	6.0	125

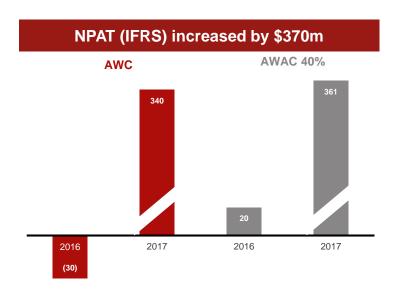
 Since 1 January 2018 net distributions from AWAC to Alumina of \$198 million





Alumina Limited overview





Dividend policy is based on free cash

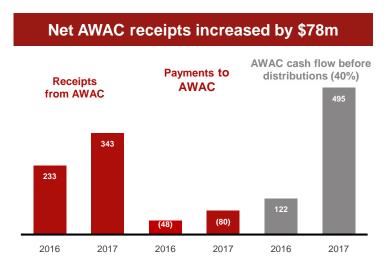
Final dividend increased by 6.2 cps (vs pcp)

Supported by tier 1 assets

Investing in growth

Gearing remains low (net debt target: \$120m-\$130m)

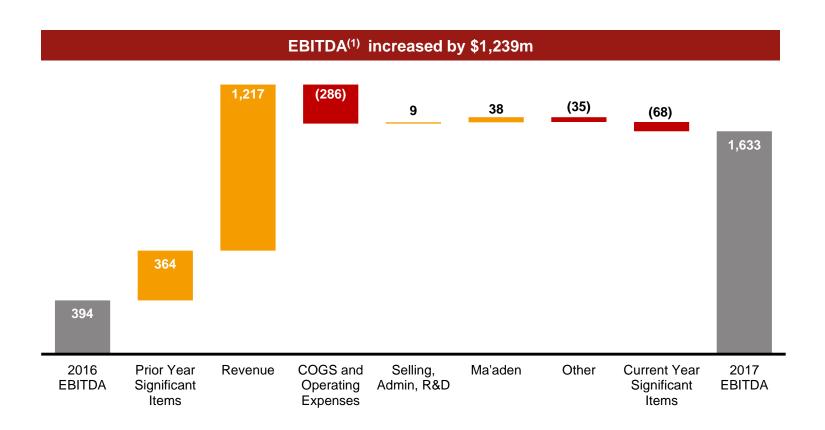
2017 dividend yield is 7.5%* fully franked



^{*} Share price: A\$2.30; full year dividend US 13.5 cps; AUD = US\$0.785 # For illustrative purposes

AWAC EBITDA

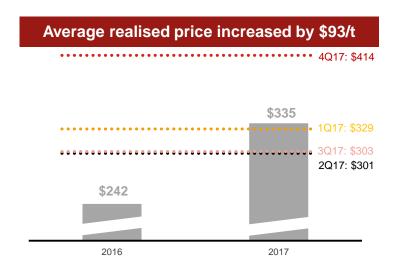




⁽¹⁾ Earnings before interest, tax, depreciation and amortisation

AWAC realised alumina price





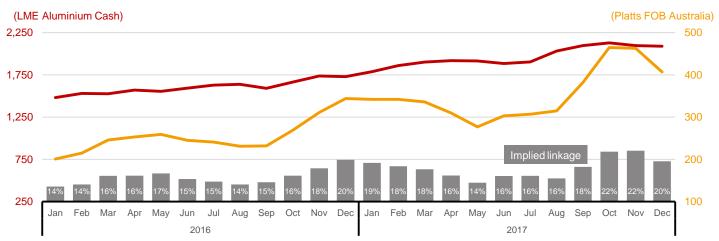
2018 guidance

API sensitivity: **+\$10/t** = **+\$110m EBITDA**⁽¹⁾

SGA shipments on spot/index basis: 92%

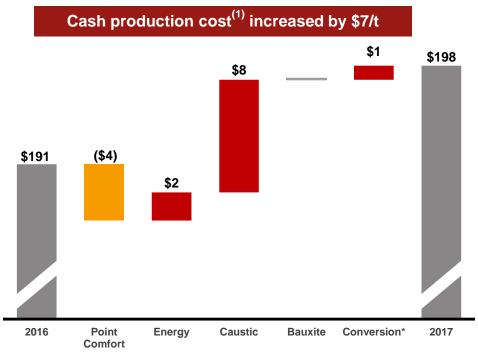
(1) Excludes equity accounted income/loss for the Ma'aden joint venture

Average monthly LME vs Platts FOB Australia (US\$/t)



AWAC cost of alumina production





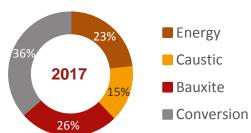
^{*} Conversion includes: employee costs, indirect costs and other raw materials costs

2018 EBITDA guidance

Caustic price sensitivity: +\$100/t = -\$90m

AUD sensitivity: +1¢ in USD/AUD = -\$20m

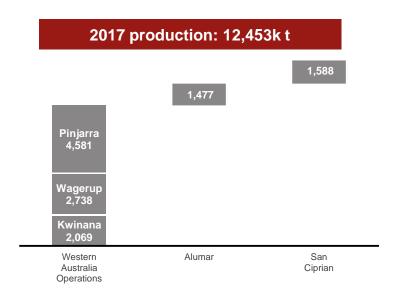
Cash cost structure



⁽¹⁾ Defined as direct materials and labour, energy, indirect materials, indirect expenses, excluding depreciation. Movements can relate to usage, unit costs or combination of both, timing of maintenance, seasonal factors, levels of production and the number of production days and refinery mix. Includes the mining business unit at cost. The Ma'aden joint venture refinery is not included

AWAC alumina production





2018 production guidance

Majadon Joint Vonturo

Approximately 12.7 million tonnes

Increases to be across all refineries

WA: capitalising on 2017 low cost creep projects

Alumar: completed phase 1 debottlenecking

San Ciprian: replacement of bauxite mills

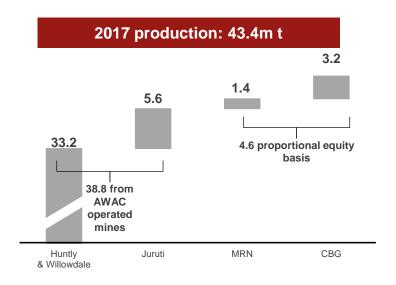
Cł	nange by	refinery	*: 191k	t decrea	ise
12,644	(211)	16	_(4)	8	12,453
2016	Point Comfort	Pinjarra Wagerup Kwinana	Alumar	San Siprian	2017

Ma aden John Venture	2010	2017
Refinery production (100%)	1,429k t	1,478k t

^{*} Production of AWAC's operated refineries. Therefore, the Ma'aden joint venture refinery is not included

AWAC bauxite production and sales





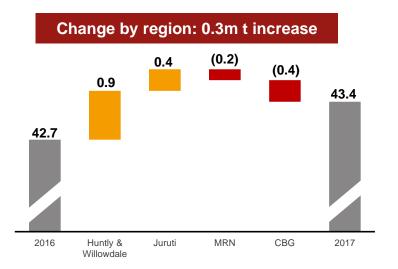
2018 guidance

Third party sales: approximately 6.3 million tonnes
WA exports to increase to 1.4 million tonnes
WA continues capex to support 2.3m t exports
Juruti to continue expansion to 6.5m t

2017 EBITDA margin⁽¹⁾ was 35.1%

Margin is 38.2%, excluding freight

(1) Based on intersegment and third party sales







Other includes maintenance, contracted services, supplies, royalties and other AWAC operated mines

AWAC outlook



Item	2018 Outlook
Alumina	Production: 12.7m t API sensitivity +\$10/t: approximately +\$110m EBITDA Caustic sensitivity +\$100/dry metric tonne: approximately -\$90m EBITDA
Australian \$ Sensitivity	+1¢ in USD/AUD: Approximately -\$20m EBITDA
Capex	Approximately \$260m Major projects: Pinjarra residue press filtration, WA mining infrastructure, and Juruti expansions
Bauxite (3rd Party)	Sales: 6.3m BDT
Restructuring (post tax)	Cash: \$120m - Point Comfort: \$40m - Suralco: \$50m - Point Henry & Anglesea: \$30m Accounting: \$51m
Portland (55% share)	Production: 164k t

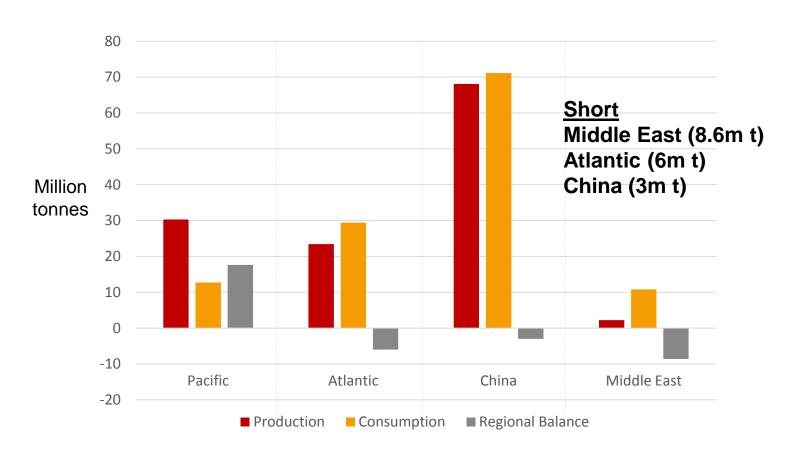




Atlantic and Middle Eastern markets short alumina in 2017



2017 regional balances of smelter-grade alumina



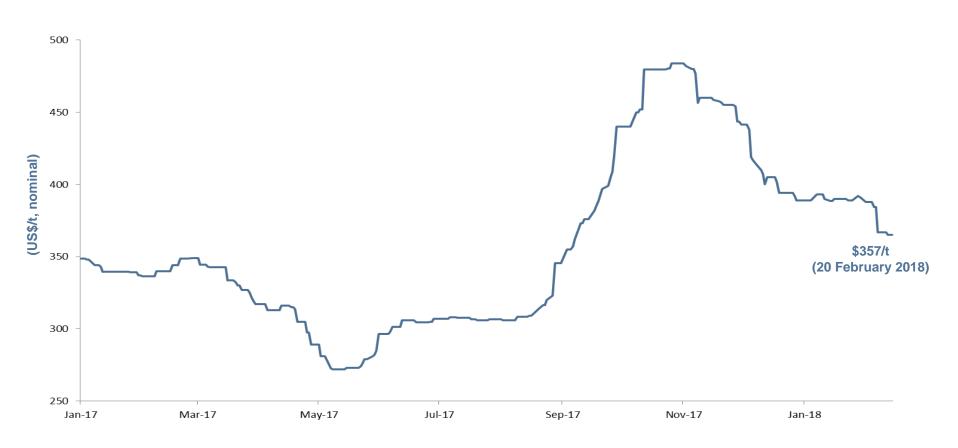
- Atlantic = Africa, Europe, North and South America
- Pacific = Australia, India, Indonesia, Vietnam

Alumina price fluctuated over 2017, reflecting alumina spot fundamentals



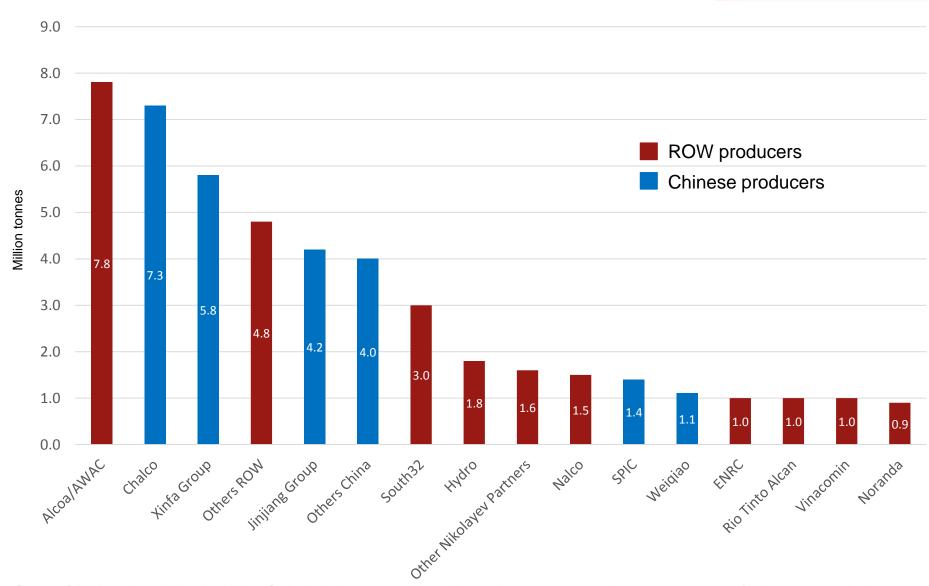
Platts PAX FOB Australia prices

2017 average price \$354/t (high \$484/t, low \$272/t)



AWAC: significant third party alumina supplier in 2017





Source: CRU Bauxite and Alumina Market Outlook, February 2018. Note: The totals are not exact as in some cases 100% of joint venture production has been included and CRU has included cumulative capacity creep estimates and an adjustment to production due to unplanned disruptions

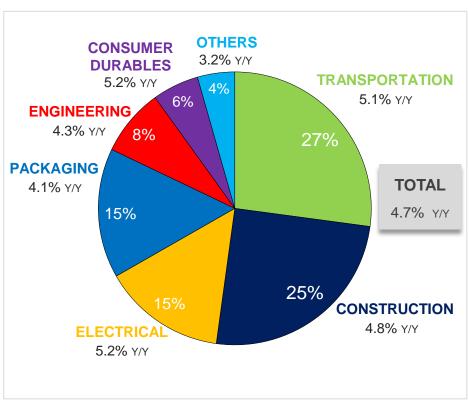
Aluminium remains world's strongest growth metal; diverse end uses



Forecast 2018 Annual Consumption Growth by Metal (%)

Forecast 2018 Global Aluminium Consumption Growth by End-Use Sector





Aluminium and alumina production outlook



Aluminium

- More committed or likely smelter expansions than refineries
- Growth focussed in Asia, the Middle East and India

Alumina

- Modest greenfield refinery growth outside China
- Curtailed refineries difficult and expensive to restart

Alumina

Chinese winter air pollution policy



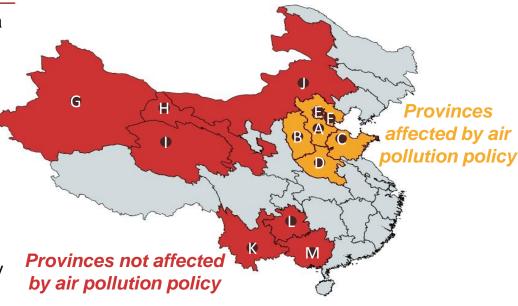
Policy has a larger impact on alumina

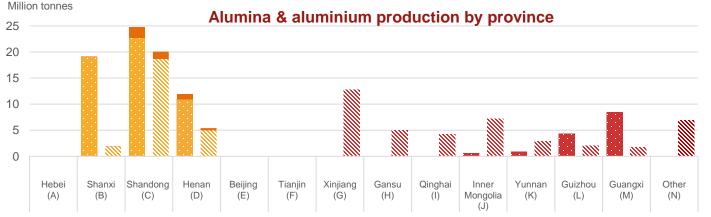
31 affected cities in provinces that export alumina to other provinces

- 30% reduction in refining and smelting
- applies 15 November to 15 March

Final cuts to be ascertained after winter however it is likely that the cuts will total **1.5 million tonnes of alumina** production and **0.33 million tonnes of aluminium** production – less than forecast but still substantial.

Government expected to review success of policy by number of low pollution days and consider repeating/modifying next winter.







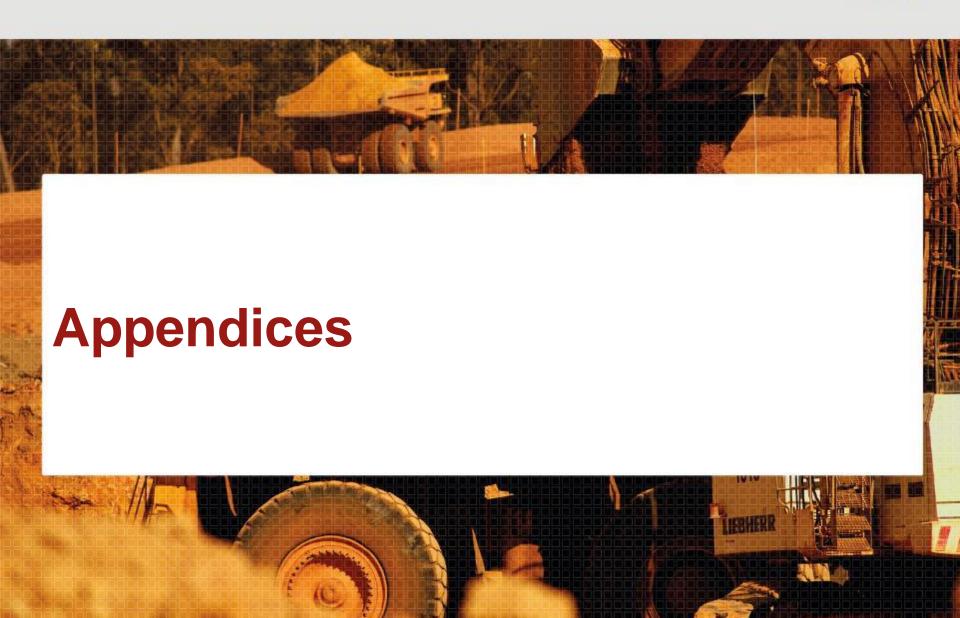
Source: CM Group and Alumina Limited

Summary



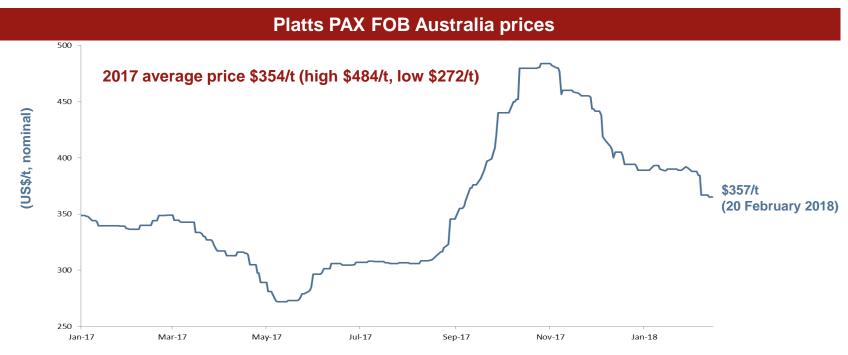
- Higher profits and dividends in 2017
- 2017 underpinned by higher alumina prices due to:
 - structural reforms in China
 - Atlantic short alumina.
 - limited refinery growth in the rest of the world
- AWAC with its tier 1 assets is well positioned to benefit in new phase for global alumina and bauxite markets
- Outlook for the Company and market in 2018 is positive





Alumina price fluctuated over 2017, reflecting alumina spot fundamentals





Mar-May 2017

- Oversupply from China, Vietnam, Indonesia, Brazil
- China domestic prices fall due to excess production, Australian import parity premium rises to ~\$40/t
- China suspends spot imports for nearly 3 months
- Smelter incidents in India and Bahrain reduce demand

May-June 2017

- Alumina cuts in Henan, Shanxi for maintenance and environmental audits boost Chinese domestic prices
- Restocking, short covering by China and traders
- China loses interest in imports, but global buyers want tonnes for India, Middle East, Americas

July-Sept 2017

- LME, SHFE prices multi-year highs
- Supply tightens; consumers, traders restock
- Chinese bauxite supply concerns, limited spot offers, imminent refinery winter curtailments
- Australian alumina price discounted to Shanxi province
- Weaker USD made imports more affordable

Oct 2017

- Brazil bauxite concerns
- Venezuela unstable output
- US smelting growth
- Dollar strengthens, Freight rises

Nov-Dec 2017

- China winter cuts slow to materialize
- Australian premium to China increases on low Chinese alumina/aluminium prices
- Pressured by weak smelting margins
- China drops imports

Jan-Feb 2018

- Rising China domestic metal stocks pressuring domestic metal prices and outlook, still no imports
- China slowing for Lunar New Year holidays, even less import interest
- Quebec ABI smelter issues
- Slowdown for Chinese New Year

RoW's likely new aluminium production expansion exceeding likely new alumina tonnes



	·									
Region	Country	Company	Smelter	Announced First Metal	Capacity (,000 tonne)	Investment (USD million)	CAPEX (USD '000 per tonne)	Туре	Status	Energy Type
West Europe	Norway	Norsk Hydro	Karmoy	Q1 2018	75	515	6.9	Brownfield	Confirmed	Hydro
India	India	Vedanta	Jharsuguda II (Line 4)	Q3 2018	312	725	2.3	Brownfield	Likely	Coal
Rest of Asia	Vietnam	Tran Hong Quan	Dak Nong Phase I	Q4 2018	150	192	1.3	Greenfield	Confirmed	Coal
East Europe	Russia	UC Rusal	BEMO Phase I, Stage II	Q4 2018	147	806	5.5	Brownfield	Confirmed	Hydro
Middle East	UAE	EGA	Dubal/Emal*	2018-2020	100	N/A	N/A	Brownfield	Confirmed	Gas
Middle East	Bahrain	Aluminum Bahrain	Ras Zurrayed (Line 6)	Q1 2019	540	3,500	6.5	Brownfield	Confirmed	Gas
Middle East	Iran	SALCO	Fars	Q1 2019	300	N/A	N/A	Greenfield	Confirmed	Gas
Rest of Asia	Vietnam	Tran Hong Quan	Dak Nong Phase II	Q3 2019	150	192	1.3	Brownfield	Confirmed	Coal
Rest of Asia	Indonesia	Indonesia Asahan Aluminum	Inalum	2019	245	N/A	N/A	Brownfield	Likely	Coal
North America	Canada	RTA/N. Hydro/AMAG/ Marubeni	Alouette Phase III	2019-2020	355	N/A	N/A	Brownfield	Likely	Hydro
Latin America	Jamaica	JISCO	Nain	2019-2020	N/A	N/A	N/A	Greenfield	Likely	Coal
Rest of Asia	Vietnam	Tran Hong Quan	Dak Nong Phase III	Q2 2020	150	192	1.3	Brownfield	Likely	Coal
East Europe	Russia	UC Rusal	Taishet Phase I	2020	430	1,772	4.1	Greenfield	Likely	Hydro
Rest of Asia	Tajikistan	TALCO	Tursunzade II	2020	503	1,600	3.1	Brownfield	Likely	Hydro
Africa	Egypt	Egyptalum	Nag Hammadi	2020	250	N/A	N/A	Brownfield	Likely	Hydro

Alumina - modest greenfield growth potential outside China



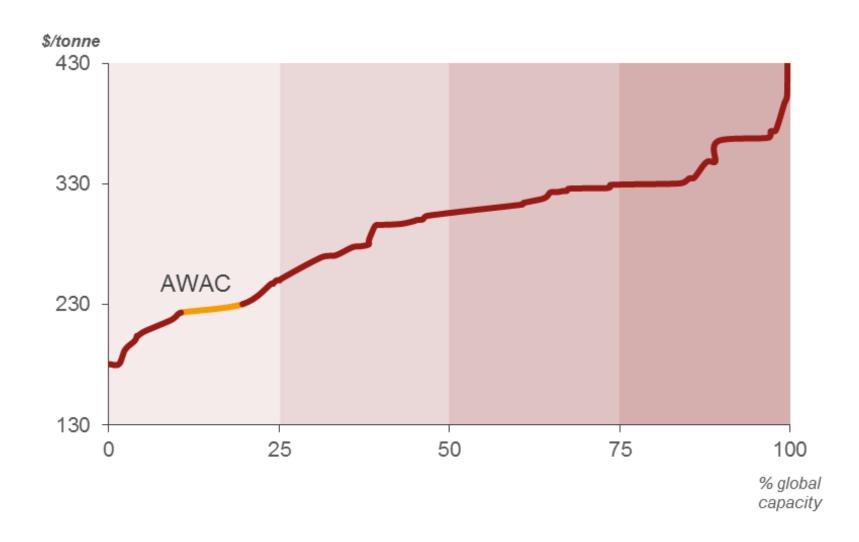
Country	Company	Refinery	Announced Start Up	Capacity (m mtpy)	Туре	Status	Bauxite Source
UAE	EGA	Al Taweelah	2018	2.000	Greenfield	Confirmed	Guinea
Laos	Yunnan Aluminum	Paksong	2018	1.000	Greenfield	Under consideration	Captive
Indonesia	Hongqiao	Ketapang Phase II	2018	1.000	Brownfield	Likely	Captive
Iran	SALCO	Persian Alumina Refinery I	2019	0.800	Greenfield	Likely	Guinea
Indonesia	Inalum/Antam	West Kalimantan	2019	2.000	Greenfield	Under consideration	Captive
Jamaica	JISCO	Alpart	2020	2.000	Brownfield	Under consideration	Captive
Greece	Mytilineos	Distomon	2020	0.850	Brownfield	Confirmed	Captive
Indonesia	Nanshan Group	Bintan	2020-?	1.000	Greenfield	Under consideration	Captive
India	Vedanta	Lanjigarh	2020-?	5.000	Brownfield	Under consideration	Captive

Most SGA greenfields refineries constructed outside China take 5 years – only ones built in last 5 years are:

- Hongqiao Indonesia (2012-2016) and EGA Al Taweelah (2014, under construction) see above
- AWAC/Ma'aden Saudi Arabia 2009-to date (1.8m tpy)
- Tan Rai, Nhan Co Vietnam 2007-to date (each 650k tpy)

Global metallurgical alumina refining cash cost curve by company Q4 2017*



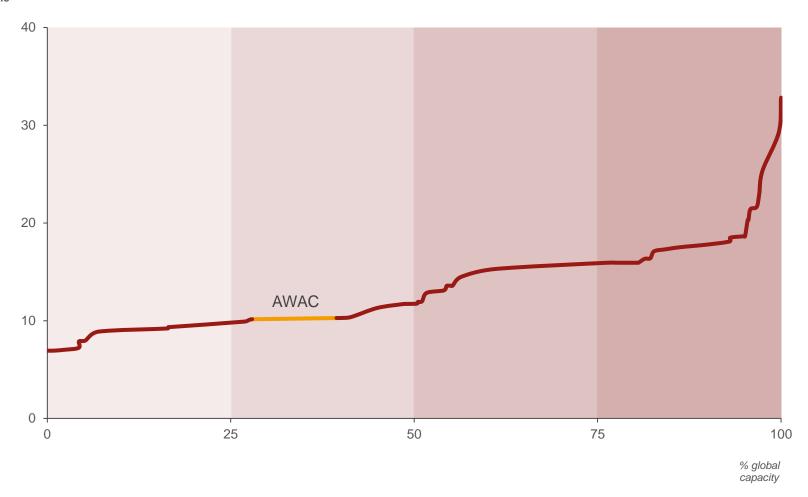


^{*}Excludes applicable VAT of 17% that Chinese alumina refiners pay on raw materials, energy and services Source: HARBOR Aluminum

Global bauxite mining cash cost curve by company Q4 2017*



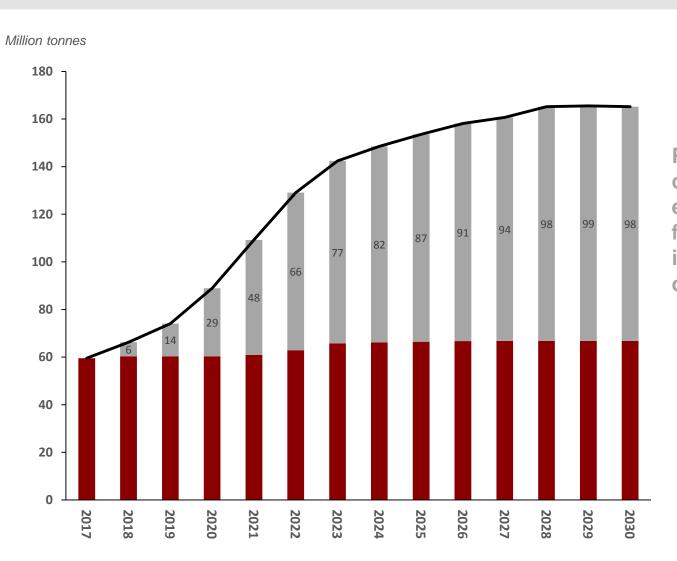




Bauxite

China has a growing need for imported bauxite



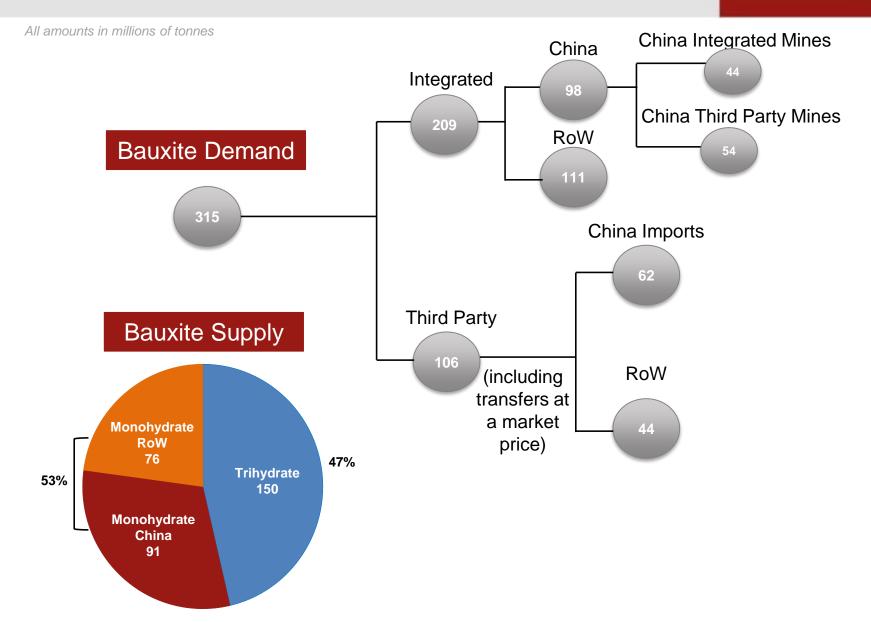


Planned new coastal capacity as well as existing inland capacity forecast to convert to imported bauxite due to depleting domestic quality

China merchant refineries that currently import bauxite

2017 bauxite market overview





Average Chinese alumina cash cost by province - December 2017



