Altech Chemicals Limited ATC

Company PresentationWholesale Investor Sydney 4 Dec 15

Iggy Tan
Managing Director



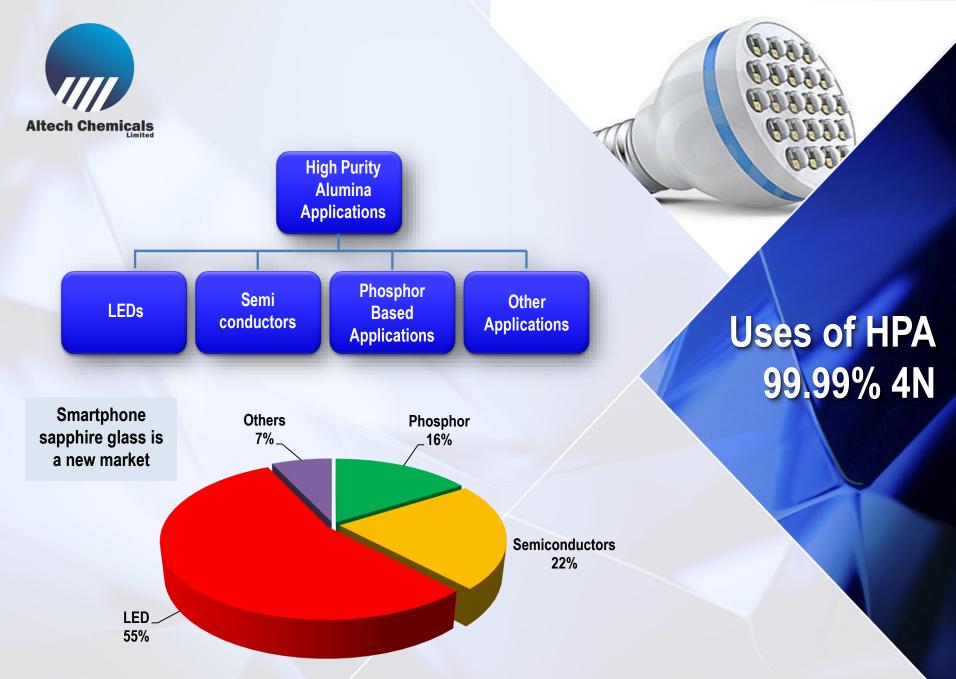




To be a world leading producer of high purity alumina (HPA)







Source: Technavio Research "2014-2018 Global High-purity Alumina Market"



Technavio Research

- Global HPA demand 19,040tpa in 2014
- Expected to increase to 48,230tpa by 2018
- Growing at a CAGR of 28%

HPA Demand & Growth Forecast



Demand for HPA



iPhone 7 Release Update Suggest Arrival Of Sapphire Crystal Glass, A9 Chip, 2 GB RAM, Larger Battery And More

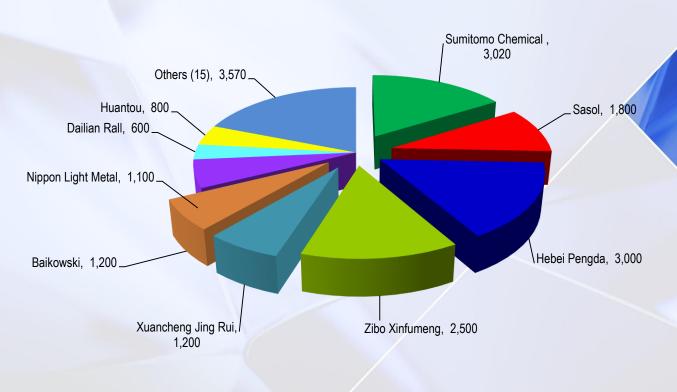
By Anvin Sivanandan on March 06 2015 6:14 PM

Sapphire Glass Scratch Test





- Six largest HPA producers
- 3 Chinese, 1 Japanese, 1 Sth African, 1 French

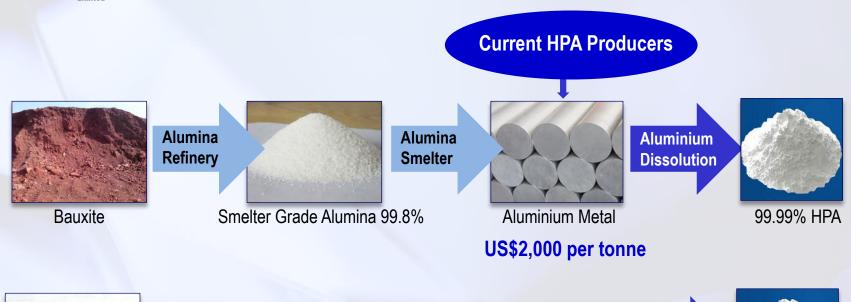


Current HPA Producers

Technavio Research



Altech's Differentiation





Aluminous Clay

ALTECH HPA PLANT

One Single Process Step



99.99% HPA



Processed by mother nature

Very low Iron (Fe) due to weathering

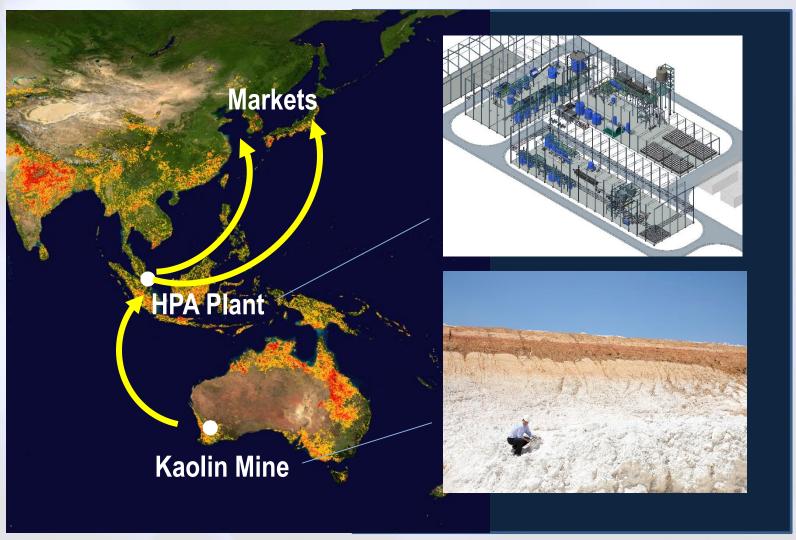
Silica is non reactive – easily removed

	Bauxite Darling Range *	Canadian HPA Project	Altech HPA Project
Al ₂ O ₃ (%)	34.5	22.77	30.5
SiO ₂ (%)	21.5	53.29	56.3
Fe ₂ O ₃ (%)	21.2	8.36	0.7
TiO ₂ (%)	2.00	0.98	0.7
K ₂ O (%)	0.24	3.41	0.1
NaO (%)	0.005	1.42	0.1





Proposed Operations







New HPA Demand + Established Process + Great

Deposit + Experienced People

→ Shareholder Value



Established HPA HCI Process Altech Business Strategy

"the last piece of the puzzle is in place"





- Breakway competitors US\$14-17,000 /t
- Bottom quartile for operating costs
 - 1. We own our feedstock
 - 2. Large scale economy 4,000 tpa one train
 - 3. Main reactant HCI re-used
 - 4. Minimal impurity removal costs
 - 5. Plant in low cost country (Malaysia)

Bottom Quartile for Op Costs





- Japan 21% of HPA market
- All sales to Japan
- Mitsubishi largest general trading company

First of the off take process

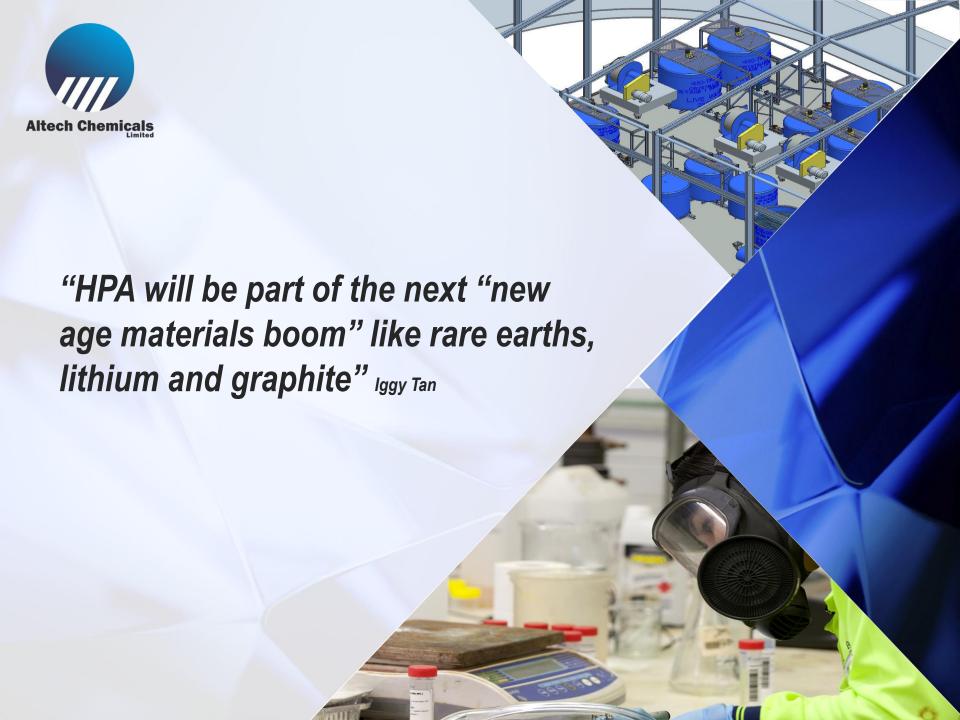
Mitsubishi as Partner

MITSUBISHI



- Mandate signed with KfW IPEX Bank
- Senior debt inc US\$40m ECA cover
- Approx 55% of capex German suppliers
- M+W Group as general contractor
- Due diligence and detailed design

Project Finance





Right Place
Right Time
Right Feedstock
Right Technology



Thank you



Forward-looking Statements

This announcement contains forward-looking statements which are identified by words such as 'anticipates', 'forecasts', 'may', 'will', 'could', 'believes', 'estimates', 'targets', 'expects', 'plan' or 'intends' and other similar words that involve risks and uncertainties. Indications of, and guidelines or outlook on, future earnings, distributions or financial position or performance and targets, estimates and assumptions in respect of production, prices, operating costs, results, capital expenditures, reserves and resources are also forward looking statements. These statements are based on an assessment of present economic and operating conditions, and on a number of assumptions and estimates regarding future events and actions that, while considered reasonable as at the date of this announcement and are expected to take place, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies. Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of our Company, the Directors and management. We cannot and do not give any assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this announcement will actually occur and readers are cautioned not to place undue reliance on these forward-looking statements. These forward looking statements are subject to various risk factors that could cause actual events or results to differ materially from the events or results estimated, expressed or anticipated in these statements.

Competent Person Statement

Technical information in this report is based on information compiled by Mr Michael O'Mara, B.Sc. Geology, Altech Chief Geologist and a member of the Australasian Institute of Geoscientists. Mr O'Mara has sufficient exploration experience which is relevant to the styles of mineralisation and types of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' ("JORC 2004"). Mr O'Mara consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.