



**Altech Chemicals**  
Limited

## ASX ANNOUNCEMENT AND MEDIA RELEASE

17 March 2015

# ALTECH APPOINTS ATEA GROUP AS ITS COMPOSITE SUPPLY PARTNER

### Highlights

- Memorandum of Understanding (MOU) signed for partnership with Atea
- Atea to supply and install dual-laminate anti-corrosive composite materials for Altech's high purity alumina (HPA) plant
- Extensive expertise in design and construction of plant materials and equipment for extreme operating environments in Asia
- Manufacturing plant in Penang, Malaysia

**Altech Chemicals Limited** (Altech/the Company) (ASX: ATC) is pleased to announce that it has signed a Memorandum of Understanding (MOU) with Atea Environmental Group (**Atea**) appointing it as the partner for the supply of dual-laminate anti-corrosive composite plant and equipment for Altech's proposed high purity alumina (HPA) plant. Dual-laminate composite materials are highly specialised fluoro-plastics that can withstand hydrochloric acid duty at elevated temperature. The plant and equipment to be supplied by Atea will include specially fabricated vessels, tanks, process equipment and piping/fittings for heavy-duty applications in the acid leaching, crystallisation and purification areas of Altech's HPA plant.

Atea, with offices in Singapore, China, Malaysia and Germany, specialises in the design, engineering, fabrication and installation of anti-corrosive products such as dual-laminate and plastic reaction vessels and piping systems; Atea is an active supplier to the chemical, pharmaceutical, metallurgy, mining and microelectronic industries. The business comprises teams of highly knowledgeable engineers, who have extensive experience in the design and construction of plant and equipment. Atea is a leader in thermoplastics and fibre re-enforced plastic (FRP) materials in Asia. Atea's Malaysian production facility, established in 2004, is located near Kulim High-Tech Park, close to George Town, Penang, Malaysia.

Commenting on the signing of the MOU with Atea, Altech's managing director Iggy Tan explained, "Our strategy is to appoint key equipment and plant suppliers during the Bankable Feasibility (BFS) stage of the HPA project and to embed them in the BFS team.

"This enhances the overall quality of the BFS work. Specifically, Atea is one of the leading suppliers of heavy-duty fluoro-plastics plant and equipment, and have a strong presence in Asia. We look forward to working closely with them".

## EXAMPLES OF RECENT ATEA PROJECTS



Mineral Processing Plant, Malaysia



Chemical Processing Plant, Singapore

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For more information, please contact:

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### **About Altech Chemicals (ASX: ATC)**

**Altech Chemicals Limited** (Altech/the Company) is aiming to become one of the **world's leading suppliers of 99.99% (4N) high purity alumina (HPA)** ( $Al_2O_3$ ). HPA is a high-value product because it is the major source material for scratch-resistant artificial sapphire glass. Sapphire glass is used to produce a range of high-performance electronic applications such as LEDs, semi-conductors, phosphor display screens, as well as new emerging products such as smartphones and tablet devices. The global HPA market is approximately 19,040tpa (2014) and is expected to at least double over the coming decade.

Current HPA producers use an expensive and highly processed feedstock material such as aluminium metal to produce HPA. Altech produces 4N HPA directly from an ore feedstock, aluminous clay, from its Meckering deposit in Western Australia. The Company is now advancing a Bankable Feasibility Study (BFS) to develop a full-scale **4,000tpa HPA production** facility. The Altech process employs conventional and proven "off-the-shelf" plant and technology to extract HPA from its **low-cost** and **low-impurity** aluminous clay feedstock, which results in **lower operating costs**.

Altech is a chemical processing group focused on creating a high-margin product to meet the growing global demand for the next generation of high-performance technologies.



### **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.