



Alpha HPA

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The Manager Companies - ASX Limited  
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ASX: **A4N**  
ASX Announcement  
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(2 pages)

## MoU TO MARKET HIGH PURITY ALUMINIUM PRODUCTS TO SPECIALTY JAPANESE AND CHINESE MARKETS

- **MoU with APL Engineered Materials, Inc. to market Alpha's high purity aluminium products to specialty Japanese and Chinese markets**
- **MoU complements existing marketing activities and expands geographical reach**
- **Marketing will include a focus on Alpha's 5N aluminium precursors and includes contemplated volumes of up to 6,000kg per month for each of Alpha's high purity precursor products**

The Board of Alpha HPA Limited ('Alpha' or 'the Company') is pleased to provide an update on activities for its HPA First Project, representing the evaluation and intended commercialisation of the production of ~10,000tpa equivalent of high purity alumina (HPA) and related products using the Company's proprietary licenced solvent extraction (SX) and HPA refining technology.

### MEMORANDUM OF UNDERSTANDING

As part of its expanding product marketing efforts, Alpha has signed a Memorandum of Understanding (MoU) with APL Engineered Materials, Inc., USA ('APL') with respect to the marketing and wholesaling of the Company's range of high purity aluminium products to specialty markets in Japan and China, utilising APL's existing sales teams in these key markets.

APL is a USA-based specialty performance chemicals manufacturer supplying products globally. APL has supplied products to SE Asia through its sales offices in Japan and China since the 1990's. APL is well known for manufacturing high-purity, moisture-free, customised, performance chemicals. The MoU includes marketing into applications in which APL has an existing customer base and particular expertise including lighting, radiation detection, nuclear science, energy and quantum dot production, which demand high purity raw materials which generally attract premium pricing.

Complementary to the MoU with Traxys (ASX: 20 August 2020) and the North American focused MoU with Rhineland (ASX: 25 November 2020), the MoU with APL is particularly focused on the marketing of the Company's two high purity aluminium precursor products, contemplating volumes of up to 6,000kg per month for each precursor.

Managing Director, Rimantas Kairaitis, commented; *"Alpha is delighted to be working with APL and to continue to expand our unique high purity product marketing to specialty markets across a wider geographical reach"*.

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### **About the HPA First Project**

The Company's HPA First Project represents the evaluation and intended commercialisation of the production of ~10,000tpa equivalent of high purity alumina (HPA) and related products using the Company's proprietary licenced solvent extraction and HPA refining technology. The technology provides for the extraction and purification of aluminium from an industrial feedstock to produce 4N (>99.99% purity) alumina for the intended use within the lithium-ion battery and LED lighting industry. Alpha HPA completed Definitive Feasibility Study (DFS) in March 2020 following a successful pilot plant campaign in 2019. Alpha has since upscaled it's Brisbane facility to demonstration scale and has now recorded over 2,000 operating hours delivering an expanded range of high purity product to over 35 end-users globally.

The Company is now in the mature phases of project permitting, market outreach and project financing processes, with the expectation of positioning the HPA First Project to Final investment Decision.

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