



Alpha HPA

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

## MoU TO MARKET HIGH PURITY ALUMINIUM PRODUCTS TO EU SPECIALTY MARKETS

- **MoU with Technologica in Germany to market Alpha's high purity aluminium products to specialty markets within the EU**
- **MoU to complement existing marketing activities to provide global 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 marketing 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 *Technologica Gesellschaft für High Tech Materialien und Verfahren mbH* ('Technologica') with respect to the marketing and wholesaling of the Company's range of high purity aluminium products to specialty markets within the European Union ('EU'), utilising Technologica's existing expertise and customer base across the EU.

Technologica (<https://technologica.de/>) is a German based company focused on trading, production and sales representation of global business partners. Technologica's core business is within specialty applications of high technology materials, metals and chemical compounds.

The MoU includes marketing into the following applications in which Technologica has an existing customer base and particular expertise which demand high purity raw materials which generally attract premium pricing:

- Advanced ceramics
- Scintillators
- Catalysts
- Lasers

The MOU has been designed with a particular focus on marketing Alpha's high purity aluminium precursor products and to complement existing marketing and distribution arrangements with Traxys (ASX: 20 August 2020), Rhineland (ASX: 25 November 2020), and APL Engineered Materials Inc. (28 April 2021). An initial 9 test samples of Alpha's 5N purity Al-precursor #1 have already been shipped to Technologica, with additional samples under preparation. The MoU contemplates volumes of up to 6,000kg per month for each precursor.

Managing Director, Rimas Kairaitis, commented; *"Alpha is delighted to be working with Technologica within EU specialty markets as we look to expand our global reach for our unique high purity product offering."*

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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 its 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.