



Alpha HPA

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

MOU WITH SAINT GOBAIN

- **MoU with global materials company Saint Gobain**
- **Alpha and Saint Gobain to work towards continued product evaluation and commercial supply agreements across the full range of Alpha's high purity aluminium products**
- **Includes provision for new product development and shared intellectual property**
- **MoU contemplates future co-investment between Alpha and Saint Gobain**

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

Alpha has signed a Memorandum of Understanding (MoU) with Saint Gobain Ceramics & Plastics, Inc. ('Saint Gobain') with respect to the continued product evaluation, product development and potential future commercial supply of Alpha's products to Saint Gobain.

The MoU follows Saint Gobain's assessment of a range of Alpha's products including various high purity aluminas and high purity boehmites.

The MoU contemplates the continued collaboration between the Alpha and Saint Gobain across Alpha's entire product range for potential application within a range of Saint Gobain's global business units focused on surface conditioning, battery materials, and crystals in a variety of emerging markets.

The MoU contemplates product assessment and further technical collaboration including the provision for the potential sharing intellectual property on future innovative products developed jointly with Saint Gobain using Alpha's proprietary aluminium purification technology.

About Saint Gobain

Saint Gobain, listed on the stock markets in Paris, London, Frankfurt, Zurich, Brussels, Amsterdam, is a global manufacturing and materials business with over 150,000 employees and with market capitalisation of >€27Bn (>A\$40Bn). Saint Gobain designs, manufactures and distributes high-performance materials and solutions for the construction, mobility, healthcare and other industrial application markets.

Saint Gobain's global strategy is focused on meeting some of the fundamental challenges faced by the world today, including reducing energy consumption, limiting our impact on the environment and creating a new generation of buildings which are safe, comfortable and energy efficient. As one of the world's top 100 innovators, Saint Gobain spends ~€400M a year on R&D globally, tackling some of the biggest challenges of our time.

Managing Director, Rimantas Kairaitis, commented; *"Alpha is delighted to have reached an MoU with Saint Gobain, a premium global materials business, following a series of productive technical interactions across their numerous business units. Alpha is enthusiastic to be working closely with Saint Gobain on Alpha's diverse spectrum of high purity aluminium products and we look forward to rapidly building on the collaboration to date and to developing a deeper commercial relationship."*

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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. Following a successful testwork program and completion of a Pre-Feasibility Study (PFS), updated in March 2019, Alpha has now completed Definitive Feasibility Study (DFS) based on the successful completion of its Pilot Plant program at its dedicated laboratory facility in Brisbane.

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.