



Alpha HPA

The Manager Companies - ASX Limited  
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ASX: **A4N**  
ASX Announcement  
21 September 2022  
(2 pages)

## **FEDERAL GOVERNMENT GRANTS UPDATE**

### **\$60.5M GRANT FUNDING CONFIRMED**

#### **CRITICAL MINERALS GRANT**

- **Up to \$15.5M funding confirmed for Stage 1 – PPF**
- **To fund an expansion of Stage 1-PPF high purity alumina capacity**
- **Will accelerate delivery of several tonnage-scale test orders**

#### **MMI-C GRANT**

- **Federal Govt \$45.0M MMI-C grant advanced for Stage 2**

The Board of Alpha HPA Limited ('Alpha' or 'the Company') is pleased to provide an update on project activities for its HPA First Project, representing the commercialisation and production of critical high purity aluminium products driving de-carbonisation.

In March and April 2022, the Company announced the successful approval of applications for a combined A\$60.5M in grant funding for the HPA First Project. Alpha is very pleased to confirm that, following a review period post the Federal Government election, these grants have each been re-confirmed and are now progressing to completion.

### **Federal Government \$15.5M CMAI Grant Confirmed**

Alpha has been notified that the \$15.5 million grant approved under the Critical Minerals Accelerator Initiative (CMAI) has been confirmed. The relevant Government media release can be found at:

<https://www.minister.industry.gov.au/ministers/king/media-releases/government-support-critical-minerals>

As per the ASX announcement of 28 April 2022, the \$15.5M CMAI grant funds will be applied towards immediately expanding and accelerating the production capability of the Stage 1 - Precursor Production Facility (PPF), which is in the final stages of construction in Gladstone.

Specifically, this CMAI grant funding will be directed towards:

- Further expanding Stage 1 PPF production capacity of high purity aluminium precursors.
- Facilitating up to 10tpa of additional capacity of High Purity Alumina (HPA) production.
- Facilitating up to 10tpa of additional capacity of High Purity Boehmite production.
- Facilitating the addition of tableting capacity to produce HPA tablets for sapphire glass growth.
- Installation of a large rooftop solar array and battery storage capacity.

Access to the grant funds will follow completion of the grant agreements, expected in early October 2022. Alpha will then immediately commence procurement of several pieces of capital equipment, enabling several existing tonnage-scale product orders to be fulfilled.

## Federal Govt \$45.0M MMI-C grant advanced

As per the ASX announcement of 1 September 2022, Alpha has been notified that the \$45.0 million grant approved under the Modern Manufacturing Initiative, collaborations stream (MMI-C) is proceeding to negotiation of a grant agreement.

Funding under this MMI-C grant will only be available once the Company reaches Final Investment Decision (FID) on Stage 2 of the HPA First Project.

Alpha's Managing Director Rimas Kairaitis commented "Alpha is delighted to confirm this level of Federal Government support for the HPA First Project. With the Stage 1 PPF about to enter commissioning and the Company receiving a growing number of larger-scale orders for its precursors and alumina products, this funding is extremely timely and will accelerate Alpha's entry into key LED lighting and lithium-ion battery supply chains. A combined \$60.5M of Federal Government support sends a fantastic signal of endorsement to our existing and prospective customers as well as buttressing our project finance process."

### About the HPA First Project

The Company's HPA First Project represents the commercialisation of the production of high purity alumina (HPA) and related high purity precursor products using the Company's proprietary licenced solvent extraction and HPA refining technology. The disruptive, low-carbon process technology provides for the extraction and purification of aluminium from an industrial feedstock to produce 4N (>99.99% purity) alumina and 5N (>99.999% purity) for sale into the lithium-ion battery and LED lighting industry.

Alpha completed a Definitive Feasibility Study 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 8,000 operating hours and delivered an expanded range of over 100 high purity product orders to end-users globally.

Alpha is fully funded to the commercial production at its Stage 1, Precursor Production Facility which is scheduled to commence commissioning in September 2022 ahead of commercial production of the Company's high purity Aluminium Precursors in the December quarter 2022.

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

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