



Alpha **HPA**

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

## **ALPHA AWARDED \$45M FEDERAL GOVERNMENT GRANT MODERN MANUFACTURING INITIATIVE**

The Board of Alpha HPA Limited ('Alpha' or 'the Company') is pleased to advise that it has received notification from the Commonwealth Department of Industry, Science, Energy and Resources ('Department of Industry') that its application for grant funding under the Modern Manufacturing Initiative - Collaboration Stream ('MMI-C') has been approved.

The \$45 million grant will be applied toward the capital expenditure of the full-scale HPA First Project.

Alpha was the lead applicant, with the grant application supported by Orica Ltd ('Orica') as joint applicant. The business collaboration between Alpha and Orica forms a key part of the HPA First Project, which leverages off the existing Orica manufacturing facility in Gladstone, QLD. 10% of the grant proceeds will flow to Orica to offset their capital expenditure required to support the HPA First Project.

The Company will execute a grant agreement with the Department of Industry in due course.

Alpha's Managing Director Rimas Kairaitis commented:

*"Alpha is delighted to receive this level of financial support for the HPA First Project from the Australian Federal Government. This grant recognises the unique potential for the HPA First Project to supply critical high purity aluminium materials to the important de-carbonising industries of LED lighting and eMobility. This financial commitment represents strong Government endorsement for the Project's development and the ongoing economic benefits it will provide to the Gladstone region and leaves the Project strongly positioned to secure the additional funding required to see it through to full-scale commercial production."*

Orica's Managing Director and Chief Executive Officer Sanjeev Gandhi said:

*"As we continue to transition to a lower carbon economy, private-public collaboration will be critical in allowing us to forge a pathway towards decarbonisation. In line with our refreshed strategy, leveraging our strong asset base in Yarwun and partnering for progress opens up new opportunities for Orica and supports the development of future-facing industries such as eMobility in Australia, we're thrilled to partner with Alpha HPA on this exciting new journey."*

### About the HPA First Project

The Company's HPA First Project represents the commercialisation of the production of ~10,000tpa equivalent 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 7,000 operating hours and delivered an expanded range of over 85 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 commercial production for the Company's high purity Aluminium Precursors from September 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.

For further information, please contact:

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