



Alpha **HPA**

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

ALPHA SIGNS STATEMENT OF CO-OPERATION WORKING WITH QUEENSLAND GOVERNMENT AND INDUSTRY TOWARD NET ZERO EMISSIONS

The Board of Alpha HPA Limited ('Alpha' or 'the Company') is pleased to note that Alpha has now become a signatory to the Statement of Co-operation with respect to the Queensland Government and Central Queensland industries co-operating toward net zero emission manufacturing.

The Statement of Co-operation is designed to secure the future competitiveness of Queensland, adding value to a natural energy advantage to drive employment and economic outcomes for Queensland by focussing on three areas:

- Committing to industry by establishing certainty for current and future industry participants and growing demand.
- Delivering a globally competitive energy solution that is centred around firm, low-carbon electricity for industry.
- Growing the industries of the future in Central Queensland by creating an enabling regulatory environment, strengthening regional skills and employment to lower capital intensity, and planning for the infrastructure to enable industry development.

Alpha joins existing industry signatory Rio Tinto, and new signatory Orica Australia on the Statement of Co-operation.

Managing Director Rimantas Kairaitis commented, *"Alpha Directors and management are excited by the co-ordinated and co-operative approach between industry and government on the de-carbonisation of both established and new industries in the Gladstone Region and we look forwards to contributing to the goal of net zero emissions manufacturing."*



HPA First Project Site, Gladstone Queensland

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 3,500 operating hours and delivered an expanded range of over 80 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 August 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 a Final investment Decision.

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