FIRST AUSTRALIAN DEMONSTRATION PLANT EQUIPMENT ARRIVES IN AUSTRALIA

ADP Assembly on Track to Commence this Calendar Year

Highlights

- **The first container of Australian Demonstration Plant (ADP) equipment has arrived at Fremantle Port**.
- **Arrival of the first equipment marks the transition to on-site assembly**, with installation preparation now underway.
- **Site readiness activities at Osborne Park are complete**, with the facility prepared for the receipt and installation of all key ADP equipment.
- **Subsequent containers of ADP equipment will be received in the coming months** as each equipment package completes fabrication and vendor specific pre-commissioning activities.
- **Assembly and installation of the ADP equipment will commence this month** and continue into Q1 CY2027 **with commissioning targeted for late Q1 2027**.
- **First ADP manganese sulphate production batches using Firebird's Oakover project manganese ore will commence in December 2026.**
- **First production of customer ready high purity manganese sulphate, manganese rich precursor and cathode samples are targeted for Q2 CY2027.**
- **The ADP, backed by an Australian Federal Government cash grant, will demonstrate a world-first, fully integrated advanced manganese battery materials processing circuit**, converting manganese concentrate into ultra-high-purity manganese sulphate (UHPMSM) and downstream battery materials, including cathode active material (CAM).

Australian-owned Firebird Metals Limited ("FRB", "Firebird" or "the Company") is pleased to announce that the first container of equipment for its Australian Demonstration Plant (**ADP**) has arrived at Fremantle Port. The equipment will be delivered to the Company's Osborne Park facility in Perth, Western Australia.

Delivery, unpacking, inspection and positioning of the equipment are scheduled to begin this week, marking the start of on-site assembly. Site preparation is complete, including floor coating, painting, installation of services and connection of utilities. The facility is now ready to receive and install the remaining equipment packages.



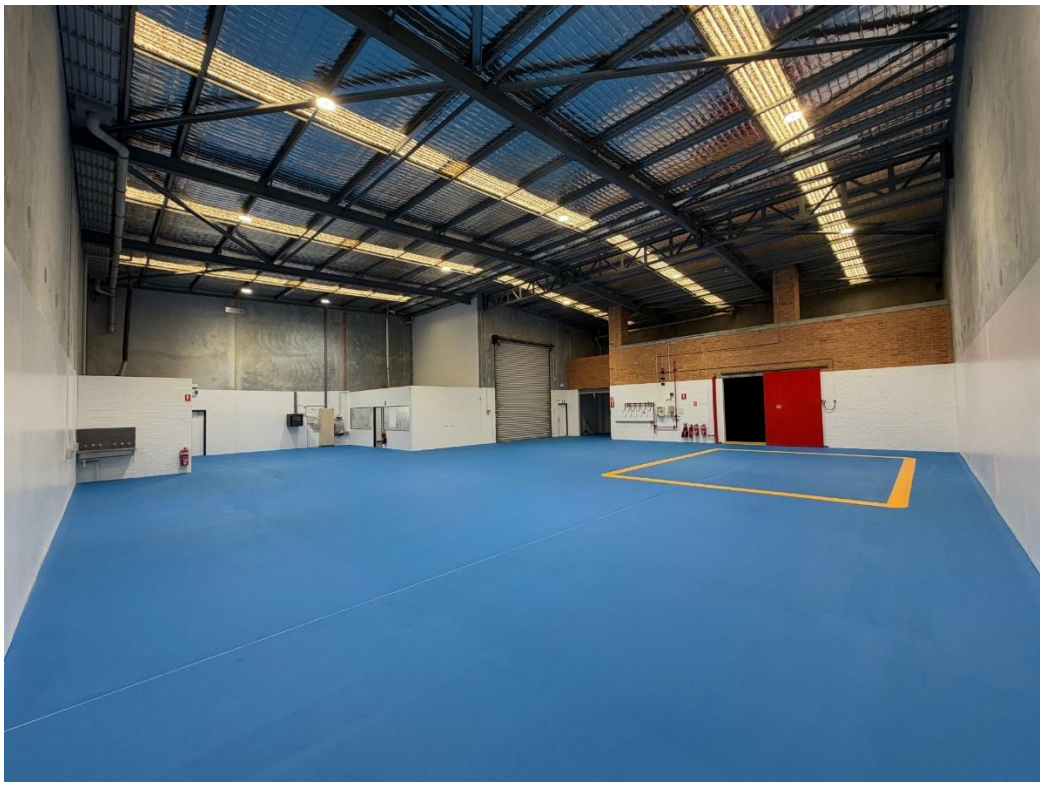


Figure 1. Firebird's Osborne Park Australian Demonstration Plant facility, Western Australia.

With site readiness activities at Osborne Park now complete, including services installation, floor preparation and utilities connection the facility is fully prepared for the receipt and installation of all remaining ADP equipment packages.

Further shipments will be dispatched from Firebird's China-based R&D facility over the coming months as the remaining equipment packages complete fabrication and vendor pre-commissioning. The Company expects to provide a separate market update on each shipment.

Assembly is expected to continue into Q1 CY2027 and Firebird expects to begin producing initial batches of manganese sulphate from its Oakover Manganese Project ore in December 2026. Full plant commissioning and an official opening ceremony are targeted for late Q1 CY2027.

Firebird is targeting production of its first customer-ready samples of ultra-high-purity manganese sulphate monohydrate (UHPMSM), manganese-rich precursor and cathode materials in Q2 CY2027.

Firebird CEO, Mr Ron Mitchell, commented:

"The arrival of the first container of ADP equipment on Australian soil is a defining moment for Firebird. Every stage of this journey including equipment order placement, fabrication, Factory Acceptance Testing, vendor pre-commissioning, shipment and now delivery, is being successfully executed by our team in consultation with key equipment vendors and logistics partners. We can now commence the physical install and assembly of Australia's, and the world's, first fully integrated, demonstration-scale manganese rich battery materials facility.

"With the ADP site now fully prepared, operational procedures in place and our internal capability expanding we are well positioned to progress assembly and installation of the key processing equipment as each subsequent container of gear arrives. We are particularly excited to commence our first production batches on Australian soil using our 100% owned Oakover Project manganese ore. Shareholders can expect a steady flow of updates as the ADP takes physical shape over the coming months."

This announcement has been authorised for release by the Board of Firebird Metals Limited.

For further information contact:

Ron Mitchell
CEO
E: ron.mitchell@firebirdmetals.com.au
Ph: +61 407 726 325

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About Firebird Metals Limited (ASX:FRB)

Firebird is an Australian battery materials technology company developing **advanced manganese-based lithium-ion battery materials** for the EV and energy-storage markets. Its proprietary, patented and exclusively licensed technology enables the direct processing of manganese concentrate to cathode active materials (CAM) within a single integrated process line, pairing a high-efficiency kiln and advanced crystallisation with downstream processing know-how to target **lower cost and energy use**.

The Company's immediate focus is delivery of its **Australian Demonstration Plant (ADP) in Perth, supported by a $2 million grant from the Australian Renewable Energy Agency (ARENA)** under the Battery Breakthrough Initiative. The ADP, Australia's first demonstration-scale facility processing manganese concentrate into high-purity manganese sulphate (HPMSM) and downstream battery materials, including CAM, is advancing rapidly through 2026. It builds on Firebird's operating pilot facility, which has demonstrated the full flowsheet from manganese ore to high-performance CAM, and will validate the process under Australian conditions while delivering HPMSM and cathode samples for customer qualification.

Firebird is advancing near-term HPMSM production for the lithium manganese iron phosphate (LMFP) market, alongside a lithium manganese rich (LMR) program for next-generation cathodes.

Firebird also holds 234 Mt of manganese resources in Western Australia, led by Oakover (176.7 Mt at 9.9% Mn, including Indicated 105.8 Mt at 10.1% Mn[1]) and Hill 616 (57.5 Mt at 12.2% Mn[2]). The Company has the flexibility to source manganese ore through third-party suppliers and stockpiles, with mining optionality retained within its broader portfolio.

JORC Compliance Statement

This announcement contains references to Mineral Resource Estimates, which have been reported in compliance with Listing Rule 5.8 and extracted from previous ASX announcements as referenced. The Company confirms that it is not aware of any new information or data that materially affects the information previously reported and that all material assumptions and technical parameters underpinning the Mineral Resource Estimates continue to apply and have not materially changed.

[1] See ASX announcement dated 23 March 2023: Indicated Resource of 105.8Mt at 10.1%; Inferred Resource of 70.9Mt at 9.6% for global Resource of 176.7 Mt at 9.9% Mn.

[2] See ASX announcement dated 1 December 2021: Inferred Resource of 57.5 Mt at 12.2% Mn.