

Livium Advances AI Battery Sorting Intelligence with Oscorp Energy

Highlights

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- Livium advances its MOU with Oscorp Energy to develop an AI-enabled battery sorting capability for recycling operations
- The MOU intends to support better feedstock visibility, operational planning and future automation as Livium scales its battery recycling operations
- Hyperspectral vision sensors have been deployed at Livium's Derrimut facility, using real operating data to train AI models on mixed battery streams
- Oscorp Energy has developed an AI-powered battery intelligence platform, with delivery of the platform and dashboard expected in the coming weeks
- The collaboration provides a foundation for future automated robotics-enabled sorting and handling, supporting Livium's pathway toward safer, smarter and more scalable battery recycling operations

Livium Ltd (ASX: LIT) ("Livium" or the "Company") is pleased to provide a progress update on its AI-powered battery sorting collaboration with Oscorp Energy Proprietary Limited (**Oscorp Energy**), following the execution of a Memorandum of Understanding (**MOU**) in August 2025.

The MOU establishes a four-phase development roadmap to progress an AI-driven battery sorting module from proof of concept toward potential commercial deployment at Livium's Envirostream recycling operations. Phase 1 focused on a software-only pilot, deploying sensors above Envirostream's existing feed conveyor to capture real-world battery stream data without mechanical diversion to the production line.

The project has since advanced from initial sensor deployment and data capture into AI model development and the delivery of an operational analytics capability.

Livium CEO and Managing Director, Simon Linge commented *"Deploying Oscorp Energy's hyperspectral vision technology at Derrimut and training AI models against our live operating data is a meaningful step toward smarter, more automated battery recycling."*

"The intelligence platform is expected to give Envirostream greater visibility over its feedstock and material flows supporting better planning, improved operational control and a foundation for autonomous sorting capability over time."

AI-powered battery intelligence platform

The next key milestone is the delivery of an AI-powered battery intelligence platform and operational dashboard to Livium. This platform is designed to provide Livium with greater visibility into the composition and flow of materials through its Envirostream facility. Anticipated capabilities include:

- monitoring and analysis of material flow, battery categories, and object counts across the processing line
- classification of battery chemistries and form factors from the live conveyor feed
- identification of operational trends and exception items over time
- a data foundation to support resource planning, feedstock forecasting, and future process optimisation

At present, battery recycling operations have limited real-time visibility into the composition of incoming battery streams. The intelligence platform is intended to address this by providing Livium with a detailed, data-driven view of stock moving through its facility.

Robotics roadmap

The AI and analytics platform constitutes the first stage toward a broader robotics-enabled recycling system. Once the vision and intelligence layer is operational and validated, the project roadmap contemplates the addition of a physical robotics layer capable of supporting autonomous sorting and handling of batteries and battery-related materials.

Subject to successful completion of the pilot phases and achievement of agreed performance benchmarks, this progression is expected to support Livium in improving processing efficiency, reducing manual handling requirements, and establishing a pathway toward higher-volume autonomous operations.

Authorised for release by the Livium Managing Director and CEO.

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About Livium

Livium Ltd (ASX: LIT) is Australia's leading battery recycler through its wholly owned subsidiary Envirostream — a profitable business focused on the recovery of valuable materials from end-of-life batteries.

Building on this foundation, Livium is expanding into adjacent opportunities including recycling of rare earth elements and solar panels, and the processing of black mass — strengthening Australia's clean-energy supply chain.

Forward-looking statements

This announcement contains forward-looking statements. Forward-looking statements are subject to a variety of risks and uncertainties that it is beyond the Company's ability to control or predict and which could cause actual events or results to differ materially from those anticipated in such forward-looking statements. Investors should be aware that past performance should not be relied upon as being indicative of future performance.

About Oscorp Energy

Oscorp Energy Proprietary Limited is a Sydney-based deep-technology company developing AI-driven automation solutions for battery recycling operations. Its core product, the Automated Sorting Module, uses hyperspectral vision, AI and machine learning, and robotics to enable intelligent identification and sorting of mixed batteries at scale.