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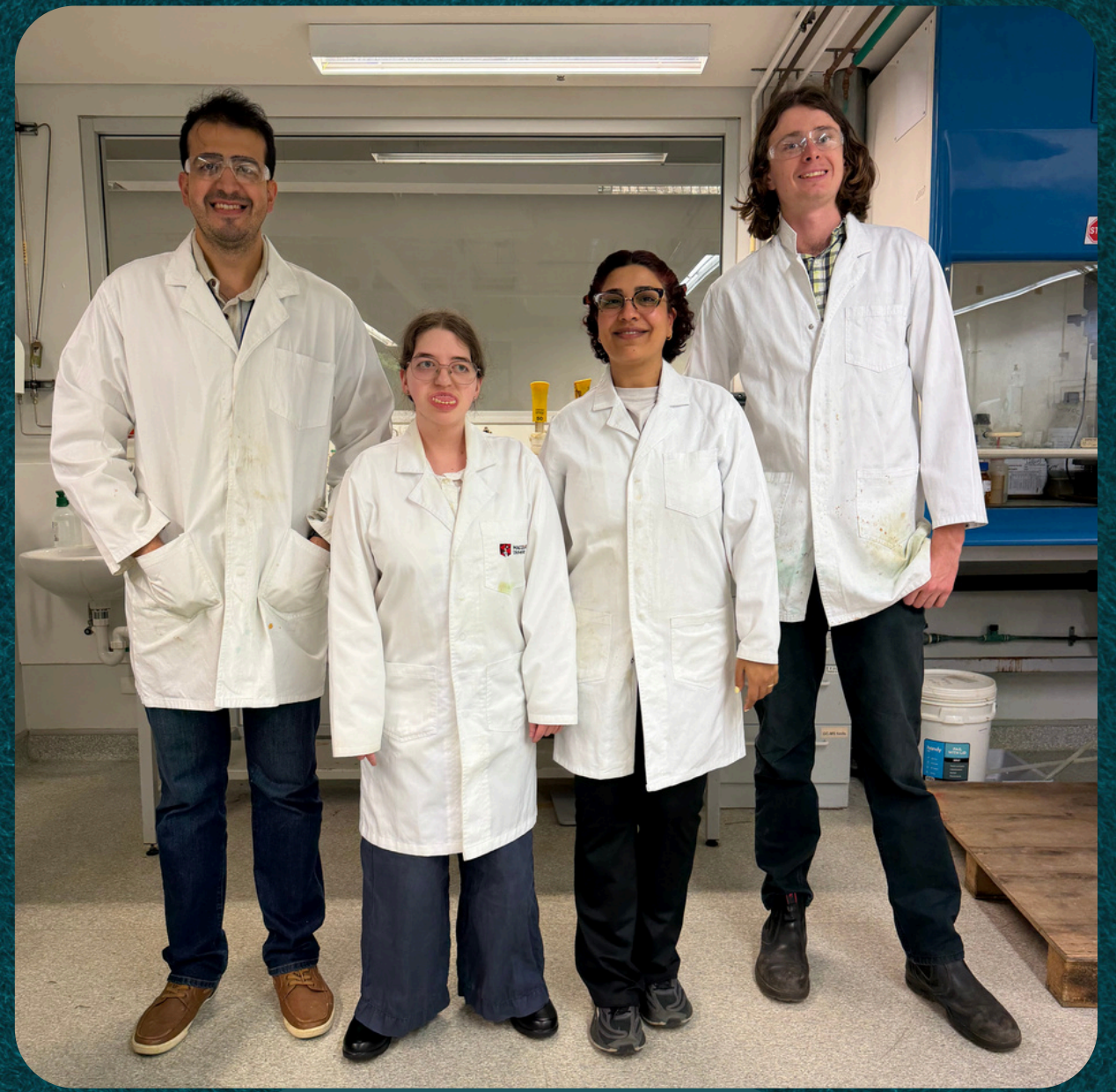


# NEWSLETTER

Issue 03: H1 2026

## LOOP BREAKS THROUGH

- 2025 was the breakthrough year for Loop Hydrometallurgy. We have made the critical transition from being a founder-led startup into a fully-fledged, sustainable SME (small-to-medium enterprise).
- From just \$70k of revenue in FY24 and minor growth in FY25, operating revenues are projected to grow by over 1,000% in FY26. This has been partially bolstered by the award of \$1.3 million of Australian Government Funding through FY26 and FY27, for a commercial acceleration programme to prove our revolutionary Halion Cell™ to TRL6 by December 2026 – as well as to advance our R&D on the extraction and recovery of rare earths, silver and gold.
- We have welcomed 9 new staff members to the team (400% growth), most notably our new Commercial Director, Heath Warman, and Senior Engineer, Daniela Perez Bravo.
- Loop's project pipeline has grown to over 60 potential opportunities, with multiple near-term commercial projects under discussion or development.



Pictured - STEM Team Members - Farid, Eliza, Maedeh and Jethro

## OUR GROWING TEAM

Since the beginning of 2025, our team has grown from 3 people to 12 today. We are currently recruiting 3 more talented scientists and engineers.

## CONFERENCES & VISITS

Loop will be participating at multiple conferences this first half of 2026. Come and have a chat with Dave, Heath or Daniela if you are in attendance:

**13<sup>th</sup> - 15<sup>th</sup> April** - World Copper Summit 2026 - Santiago Chile

**27<sup>th</sup> - 29<sup>th</sup> April** - ExCobre 2026 - Lima Peru

**5<sup>th</sup> - 7<sup>th</sup> May** - GRX 2026 and ALTA 2026 - Perth Australia

**6<sup>th</sup> - 8<sup>th</sup> May** - San Juan International Mining Expo - San Juan Argentina

## STRATEGIC ALLIANCES

Over the course of 2025, Loop Hydrometallurgy established multiple key strategic alliances that significantly enhance our abilities to deliver project studies and commercial processes. In Canada, BBA Inc. In Chile, Quinta Solar. And domestically, Brisbane Met Laboratory and Sedgman.



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## COMING UP IN 2026

- We are focussed on unlocking resources that cannot be developed with conventional technologies. These include resources that include one or more of the following challenges: polymetallic, arsenic contaminated, low grade, saline sites or sites that are in close proximity to population centres and/or areas of environmental sensitivity.
- Our pilot cell programme will commence operations this quarter, with a pilot cell / pilot plant programme under development from mid-2026. The combined outcomes of these two programmes will see the Halion Cell™ reach TRL 7 by early 2027.
- We have several commercial projects moving through the pipeline: a minerals processing project, a circular economy project (ideally scaled to act as a demonstration plant) and a polymetallic tailings / residue reprocessing facility.

## OUR LATEST DEVELOPMENTS

### HIGH ARSENIC CONCENTRATE

Enargite ( $\text{Cu}_3\text{AsS}_4$ ) is one of the most difficult and refractory copper minerals. During H2 2025, our Loop Hydromet research team was challenged with a copper enargite concentrate containing 8% Arsenic.

Using The Halion Loop™ process, we achieved 97% copper extraction, with the arsenic swiftly and safely transformed into environmentally-stable scorodite. TCLP testing of the process residue comfortably passed the NSW regulatory limits for general landfill.

### SILVER IN E-WASTE

The Halion Loop™ is well-suited to both mineral resources and circular economy projects. In this successful sequence, our team achieved >96% silver extraction from an e-waste that is not commonly recycled.

We aim to apply our technology in this application via a small, self-contained unit that can be located directly at the recycling sites where the residential wastes are processed.

### GOLD IN TAILINGS

In this programme, Loop Hydrometallurgy was challenged to recover gold, silver, copper, zinc and elemental sulphur from a problematic tailings material, eliminating the acid mine drainage potential of the tailings material, and significantly reducing the quantities for long-term disposal. Recoveries for the metal products were over 95% using The Halion Loop™.

