



STREAMS

SUSTAINABLE TECHNOLOGIES
FOR REDUCING EUROPE'S BATTERY
RAW MATERIALS DEPENDANCE

Press Release #4

STREAMS Project showcases its battery innovations at Battery Innovation Days 2025

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**Funded by
the European Union**

[December 08, 2025] - The STREAMS Project participated in the [2025 edition of Battery Innovation Days \(BID\)](#), a flagship European event dedicated to accelerating battery research and innovation. After four successful editions, BID returned this year with a dynamic hybrid format, co-organised by Europe's leading battery R&I initiatives: [Battery 2030+](#), the [Batteries European Partnership Association \(BEPA\)](#), and the Batteries 1st and 2nd IPCEIs in Graz, Austria.

Held on 2-3 December 2025, the event brought together hundreds of experts, innovators, policymakers and industry leaders to exchange on the future of battery materials, advanced manufacturing, recycling technologies and Europe's zero-emission goals.

STREAMS was showcased at the [F6S Innovation](#) booth, alongside [HighMag](#) and [HyLiST](#) projects, where partners presented the project's vision and ongoing progress toward flexible, scalable and sustainable technologies for producing battery-grade precursors and active materials from both primary and secondary sources.



BID is a unique opportunity to connect with the European battery community and present technologies that can strengthen resilience, circularity and competitiveness across the battery value chain," said the STREAMS coordination team. The exchanges we had over the two days confirm the industry's strong interest in sustainable hydrometallurgical processes and innovative approaches to critical raw material recovery.

Throughout the event, STREAMS partners engaged with attendees on topics central to the project's mission, including:

- Sustainable production of cathode and anode active materials

- Recovery of strategic raw materials from battery recycling streams and photovoltaic waste
- Low-impact and circular process design
- Techno-economic, environmental, social and life-cycle sustainability assessments

Visitors also had the chance to explore Europe's leading research initiatives, attend high-level sessions on battery innovation, discover cutting-edge industrial technologies, and visit exhibitor booths, a key networking space for collaboration and business opportunities.

STREAMS will continue to share updates as demonstration activities progress throughout 2026!

About STREAMS

STREAMS is developing a portfolio of 12 scalable and flexible technologies for sustainable battery-grade materials, using both primary and secondary sources, including recycled battery mass and photovoltaic waste. The project ensures compliance with EU sustainability requirements through techno-economic, environmental, and circularity assessments. STREAMS aims to enhance Europe's resilience and competitiveness by focusing on four key areas:

- **Strengthening the domestic supply chain** – Reducing dependence on imported raw materials.
- **Comprehensive technological solutions** – Advancing scalable battery material production.
- **Utilisation of diverse material streams** – Integrating various primary and secondary sources.
- **Circular models for sustainability** – Developing and testing pilot-scale solutions.

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