



STREAMS

SUSTAINABLE TECHNOLOGIES
FOR REDUCING EUROPE'S BATTERY
RAW MATERIALS DEPENDANCE

Press Release #5

STREAMS Consortium Holds 5th General Assembly in Coventry

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**Funded by
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STREAMS CONSORTIUM HOLDS 5TH GENERAL ASSEMBLY IN COVENTRY

[July 16, 2026] - The Horizon Europe-funded STREAMS project (Sustainable Technologies for Reducing Europe's battery raw Materials dependence) concluded its 5th General Assembly, hosted by WMG at the University of Warwick (UoW) from July 6–8, 2026. This meeting marked an important milestone as the 36-month initiative enters its final year of implementation.

A pivotal gathering in Coventry: Shifting into the final stretches

The STREAMS consortium recently met at our partners facilities WMG, University of Warwick (UoW), from 6–8 July 2026 for our 5th General Assembly. Marking an important milestone as our 36-month timeline officially enters its final year, the three-day gathering provided an invaluable opportunity for our 17 international partners to step away from isolated data points, review core achievements, and sync up closely on our roadmap toward pilot-scale demonstration.

Tracking Progress and Aligning Workstreams

Over several days of intensive workshops and collaborative group sessions, consortium members aligned on critical priorities to turn our individual research breakthroughs into a unified value chain:

- **Project coordination & next milestones:** Streamlining day-to-day management and task dependencies to ensure a successful final year approach.
- **Precursor & material innovation:** Reviewing core technical progress on primary mining resources, battery mass upcycling, and the scaling of sustainable lithium and transition metal precursors.
- **Advanced testing:** Monitoring pilot-scale electrode production, aqueous slurry optimization, and the electrochemical characterisation of advanced cell formulations.
- **Sustainability & circularity:** Finalising the exact data parameters required for upcoming prospective Life Cycle Assessments (LCA) to guarantee compliance with strict safe-and-sustainable-by-design criteria.
- **Communication & impact:** Adjusting rollout strategies for our Key Exploitable Results (KERs) and optimising outreach to maximise the project's long-term commercial exploitation visibility.

Laboratory Tour and Technical Demonstrations

- One of the core highlights of the assembly was the guided technical tour of WMG's advanced battery, materials, metals, and manufacturing laboratories. Participants had the opportunity to explore state-of-the-art facilities and pilot production lines dedicated to cell fabrication and testing.

The tour provided detailed, practical demonstrations of:

- High-precision material characterization setups, showcasing advanced techniques used to analyze the structural composition and purity of synthesized battery components.
- Pilot-scale production units, exploring automated roll-to-roll current collector setups and calendar processing equipment.
- Electrochemical testing infrastructure, where our experts track cell performance, lifecycle behavior, and abuse-safety characteristics.
- This hands-on tour allowed consortium members to directly visualize the specific scaling setups relevant to the STREAMS project, helping refine our technical roadmap and automated validation steps.

Looking Ahead

As STREAMS pushes into its final stages, the consortium remains deeply focused on developing flexible, scalable solutions that will drive Europe's transition to a sustainable and competitive energy future. The coming months will see the completion of our remaining milestones, final stakeholder engagement campaigns, and cross-sector collaborations to secure long-term industrial impact.

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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