



Welcome to the 7th and final RELiEF newsletter! In this issue you will find the project's latest achievements towards recycling Lithium from secondary sources. Enjoy the read!

Dear RELiEF readers,

as the RELiEF project comes to an end, we are delighted to share the latest achievements of over three years of collaborative innovation aimed at transforming lithium recycling across Europe. RELiEF started in 2022 and set out with a clear and ambitious objective: to revolutionise lithium recovery by tapping into previously unused secondary sources and, in doing so, reducing lithium waste by more than 70% while producing high-value battery-grade materials.

Throughout the project's lifetime, our consortium of dedicated partners demonstrated the power of interdisciplinary teamwork. Together we advanced continuous processing technologies for secondary lithium recovery, developed safe and efficient pre-processing units, and moved toward an efficient demonstration of recovery processes and closed-loop production of battery active materials.

Presenting findings at international conferences, co-organising workshops across Europe, and contributing to policy-relevant discussions on battery legislation and critical raw materials, our partners travelled over three continents to spread the word about RELiEF – engaging in interactive workshops, dissemination measures, and high-level publications to illustrate the tremendous work undertaken.

These efforts have not only strengthened Europe's competitiveness in the critical battery value chain, but also laid the groundwork for sustainable, circular pathways that will support resilience against future raw material supply challenges.

In recent months, our consortium has focused on consolidating results, publishing open-access studies on regulatory coherence and stakeholder insights, and planning dissemination activities that extend beyond the project lifetime. Looking forward, partners will continue to build on these achievements by exploring exploitation pathways, fostering industry uptake, and integrating RELiEF's innovations into broader circular economy strategies within and beyond the EU.

We extend our sincere gratitude to all partners, stakeholders, and supporters for their commitment and contributions. Together we have made significant strides toward a more sustainable lithium future.

Harmonising Transport LCA in Europe: RELiEF At TranSensus LCA Joint Workshop



In June 2025, a joint workshop in Brussels organised by TranSensus LCA project gathered over 60 stakeholders to advance a harmonised European approach to life-cycle assessment for zero-emission transport. RELiEF showcased its work on sustainable lithium recovery and the importance of consistent, high-quality LCA data across the sector.

[Learn more](#)

RELiEF visits BLC – The Battery Lifecycle Company

RELiEF kept on working towards enhancing Europe's lithium-battery value chain, showcasing its latest work during a visit to BLC – The Battery Lifecycle Company GmbH in Magdeburg, Germany – Europe's largest EV-battery recycling operator. By combining lithium recovery research with real-world battery reuse and recycling practices, RELiEF supports a circular, low-carbon battery ecosystem across Europe.



[Learn more](#)

RELiEF is coming to an end

Final Meeting

From 17–19 November 2025, RELiEF partners met at the headquarters of Avesta Battery & Energy Engineering in Ninove, Belgium for their final consortium meeting, wrapping up years of collaboration across lithium-recovery, recycling and battery-value-chain development. The meeting provided an opportunity to review project achievements, consolidate findings, and prepare for the next steps toward implementing a circular lithium-battery ecosystem.

[Learn more](#)



Annual “Materials for Batteries” Cluster Hub Workshop

The Cluster Hub “Materials for Batteries,” co-organised by RELiEF and other EU-funded projects, held its annual workshop in Brussels as part of Raw Materials Week 2025, gathering over 120 participants onsite and online. The event highlighted Europe’s progress in sustainable battery-material extraction, recycling, and policy development, while addressing the remaining gap between scientific advances and industrial adoption.

[Learn more](#)



Latest results

ULB published its latest publication entitled: “Tweaking the electrodes of $\text{LiFePO}_4/\text{FePO}_4$ -based electrochemical lithium-ion pumping system for lithium extraction”. In the article ULB researchers detail how their focus improves a new technology that uses electricity to pull lithium out of water in a clean and efficient way.

[Learn More](#)

Find out more about our publications and our latest results!

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What's still to come?

Results Video

We are pleased to announce that the final audio-visual material of the RELiEF project will be released in the coming weeks. This closing video will offer viewers a clear and engaging overview of our most recent achievements and results while reflecting on

the project's journey. The video will be available on the RELiEF website as well as across our social media channels.

Stay tuned for the premiere and join us in celebrating the collective progress made toward more sustainable lithium recovery in Europe.

Results Summary Brief

We are excited to share that a comprehensive Results Summary Brief of the RELiEF project will soon be available on our project website. This concise publication will highlight the key outcomes, innovations, and impacts achieved over the course of the project, offering readers a clear overview of how RELiEF contributes to advancing sustainable lithium recovery in Europe.

The Results Summary Brief will be accessible on the RELiEF website, where you will be able to explore the project's main findings and learn more about the pathways our consortium has paved for future developments.

We invite you to visit the results section of the RELiEF website soon and discover the full breadth of RELiEF's achievements!

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