



**GLOBAL  
BATTERY  
ALLIANCE**

BATTERIES POWERING  
SUSTAINABLE DEVELOPMENT

# Annual Impact Report 2025

**From Pilots to Practice:**  
Building Momentum for Impact

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# 1

## The year in context

03



The conversations across our membership changed profoundly. Batteries are no longer discussed only through the lens of decarbonisation and electric mobility. They are increasingly recognised as essential to energy sovereignty, industrial competitiveness, economic resilience, and geopolitical stability.”

**Inga Petersen**  
Executive Director,  
Global Battery Alliance



# Foreword from the Chair and past Chair of the Board

**2025 marked an important year of institutional progress for the Global Battery Alliance.** As the battery sector continues to evolve rapidly, so too must the frameworks, governance structures, and collaborative platforms that support its long-term credibility and resilience. Looking ahead, 2027 will mark ten years since the founding of the GBA. Over the past decade, the Alliance has evolved alongside the battery ecosystem itself, growing from an early coalition around responsible battery value chains into a global platform supporting implementation, alignment, and practical cooperation across the sector.

Today, the GBA's membership reflects the most comprehensive multistakeholder communities in the battery ecosystem, bringing together companies from across the value chain alongside governments, civil society organisations, labour representatives, investors, standards bodies, academia, and international institutions. This diversity of participation remains one of the Alliance's defining strengths, and an important source of legitimacy as sustainability expectations and regulatory requirements continue to evolve globally.

In 2025, the Alliance also undertook significant work to strengthen its own governance through the Charter Review and reform process. These efforts focused on reinforcing transparency, representation, accountability, and clarity in decision-making to ensure that the GBA remains fit for purpose as both the organisation and the broader battery ecosystem continue to mature.

At a time of increasing geopolitical fragmentation and regulatory complexity, the importance of impartial, pre-competitive collective action platforms has become increasingly clear. Many of the challenges facing the battery value chain, including sustainability assurance, traceability, greenhouse gas accounting, circularity, and responsible sourcing, require shared approaches and interoperable systems that no single actor can establish independently.

The progress achieved by the GBA during 2025 reflects this growing need for common infrastructure and practical implementation tools. Advancements on the Battery Passport, the Battery Benchmarks framework, and enabling digital infrastructure represent important steps toward building globally credible and interoperable systems for the battery value chain. As we approach the Alliance's tenth anniversary, we remain confident in both the relevance of the GBA's mission and the importance of continued collaboration across the sector.

**Building trusted systems and effective global governance is necessarily long-term work, but it is essential to ensuring that the battery transition develops in a way that is responsible, resilient, and broadly beneficial.**

**Gillian Davidson**

Chair of the Board of  
Directors (2022-2025),  
Global Battery Alliance



**Susannah McLaren**

Chair of the Board of  
Director (2026 – present),  
Global Battery Alliance





# Letter from the Executive Director



**Inga Petersen**  
Executive Director  
Global Battery Alliance

**Few industries experienced the turbulence and transformation of 2025 quite like the battery sector.** From my vantage point at the Global Battery Alliance one thing became clear: batteries have moved from being a future-facing climate technology to becoming a defining strategic asset of our time.

The conversations across our membership changed profoundly. Batteries are no longer discussed only through the lens of decarbonisation and electric mobility. They are increasingly recognised as essential to energy sovereignty, industrial competitiveness, economic resilience, and geopolitical stability. This shift became even more visible throughout 2025 and into the first quarter of 2026, as renewed tensions and instability in the Middle East exposed the vulnerabilities associated with dependence on fossil fuel markets. Energy price volatility and supply disruptions reinforced the importance of electrification, renewable energy, and battery storage as foundational infrastructure for modern economies. Battery storage is increasingly essential for integrating renewable energy, strengthening grid resilience, and supporting rapidly growing electricity demand from artificial intelligence and data centres. Electric mobility also continued to advance. According to the International Energy Agency, global electric car sales rose to approximately 21 million units in 2025, meaning one in four new cars sold worldwide was electric. Increasingly, consumers are choosing EVs not only for sustainability reasons, but because the economics are becoming compelling as the industry approaches parity with internal combustion engine vehicles on price, charging convenience, and driving range.

At the same time, the battery ecosystem experienced significant volatility. Commodity prices fluctuated sharply, supply chains recalibrated, industrial policy accelerated, and sustainability expectations evolved rapidly. Yet despite this uncertainty, the direction of travel remains clear: the world is electrifying because it is becoming economically rational, strategically necessary, and technologically viable.

What also became clear in 2025 is that scale alone will not define the success of the battery transition. As supply chains expand across jurisdictions, credibility will depend

on whether they are transparent and resilient, whether sustainability claims can be trusted, and whether growth happens responsibly and inclusively. This is where the Global Battery Alliance has never been more important. The GBA occupies a unique position as one of the few truly global, politically impartial, pre-competitive platforms where the full value chain comes together to solve shared challenges collectively. Our members do not always agree, and some of the most important progress emerges precisely from those difficult conversations. Aligning upstream and downstream expectations, balancing ambition with operational feasibility, and creating interoperability across a fragmented landscape of standards and regulations.

**There is growing recognition that no single company, government, or standard can solve these challenges alone. The battery transition requires collective infrastructure, and increasingly, the Battery Passport is emerging as part of that infrastructure.**

For the GBA, 2025 marked the transition from years of conceptual development and piloting into operationalisation. The release of the Battery Benchmarks Framework, the updated Greenhouse Gas Rulebook v2.1, and the launch of Operational Trials laid the foundations for what we believe can become the world's first globally harmonised sustainability certification framework for batteries. We also made important progress in areas that will define the long-term legitimacy of the transition: deeper engagement with producing countries, stronger focus on circularity and responsible sourcing, and partnerships to build open-access digital infrastructure capable of supporting implementation at scale.

In a rapidly fragmenting global landscape, building trusted and interoperable sustainability infrastructure may prove just as important as scaling battery production itself.



# 2025 at a Glance

## From Vision to Implementation

The Alliance's work was driven by broad international engagement and participation across its multi-stakeholder ecosystem, including:

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**177**

participants attending external GBA events and convenings throughout 2025



**163**

member companies and organisations engaged across the battery value chain

**52%**

non-profit / public-interest members,

**48%**

for-profit

Stakeholders engaged across

**38**

countries



**16**

consortia with 39 total organizations participating in pilots and Operational Trials



**350**

active working group participants contributing to GBA initiatives

**8**

major standards organisations contributing to the Battery Benchmarks

Key materials and frameworks available in

**4**

languages (English, Chinese, Spanish and French) to support global accessibility

**1.56m**

EUR 1.56m revenue



# Executive Summary

**2025 marked a decisive turning point for the Global Battery Alliance as the organisation moved from conceptual development and piloting into operationalisation of the Battery Passport ecosystem.** The Release of the Battery Benchmarks, the updated Greenhouse Gas Rulebook and the Data Assurance Rulebook laid the foundation for an emerging global certification scheme for sustainable batteries.

**2025 highlights featured in this Annual Impact Report include:**

- Publicly consulted and finalised the **Battery Benchmarks**, the first global sustainability benchmarking framework for batteries. Launched the Release of the Battery Benchmarks at the New York Climate Week in September.
- Updated GBA governance to strengthen transparency, participation and multistakeholder representation across all governance bodies of the GBA, captured in revised Charter and ratified by GBA members during a virtual Annual General Meeting in June.

- Established the GBA-ITC strategic partnership to build the digital backbone of the Battery Passport through the EU funded 'GBA Gateway' platform.
- Enabled 16 consortia to begin testing implementation across real supply chains.
- Advanced the foundation for a 2027 certification scheme.
- Advanced producing country engagement and circularity dialogues through Circularity and Critical Minerals Advisory Group (CCMAG).
- Convened members and guests across a series of impactful events, including the flagship GBA Annual General Meeting which took place in December in Brussels.

Jessika Roswall, EU Commissioner of Environment, Water Resilience and a Competitive Circular Economy.





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## Building the Battery Passport



Battery passports are a vital component of ensuring transparency in the battery value chain. At SQM, we are committed to this initiative and are proud to participate in the latest pilot. As one of the world's leading lithium producers and in line with our vision to be the most sustainable lithium producer in the world, we see the value that greater traceability provides to the industry, giving peace of mind to manufacturers and consumers alike."

**Ricardo Ramos**  
CEO of SQM





# About the Global Battery Alliance

**The Global Battery Alliance (GBA) was established on the belief that batteries can become a powerful enabler of sustainable development, economic resilience, and the global energy transition, but only if their value chains are built responsibly, transparently, and collaboratively.**

To achieve this vision, the GBA convenes stakeholders from across the battery value chain to develop practical frameworks and implementation tools for sustainable battery value chains. At the core of the GBA's theory of change is the recognition that no single company, government, standard, or technology provider can solve the sustainability challenges of the battery transition alone. Achieving trusted and globally interoperable battery value chains requires collective infrastructure and shared implementation frameworks. The

GBA therefore acts as an ecosystem orchestrator. We convene stakeholders in a trusted environment, building consensus across diverse perspectives, operationalising that consensus through frameworks and implementation tools, with the goal to ultimately help transform markets by enabling trusted, comparable, and verifiable sustainability performance at both facility and product level. Our multi-stakeholder governance model remains central to the Alliance's credibility and impact.

**The Alliance's vision is to enable sustainable, resilient, and circular battery value chains.**



## Convene

Bring together the full battery value chain in a neutral, pre-competitive space.



## Build consensus

Translate diverse stakeholder expectations into shared sustainability performance frameworks.



## Operationalise

Develop rulebooks, data assurance approaches and digital infrastructure to support implementation.



## Transform markets

Enable trusted, comparable and verified sustainability performance at facility and product level.

**We implement our vision and mission through two flagship initiatives:**



### Battery Passport Programme

GBA's flagship programme aims to scale sustainable, responsible and circular battery value chains by 2030. The Battery Passport is an emerging global sustainability assurance and certification scheme for batteries, underpinned by indicators that allow facility- and product-level performance data to be gathered, verified, scored, aggregated and compared.



### Circularity & Critical Minerals Programme

The Circularity and Critical Minerals Advisory Group provides a politically neutral platform for dialogue and collective action on responsible sourcing, circularity, policy and producing country engagement, capacity building and integration of socio-economic development priorities into the Battery Passport framework.



# 2025 Impact Journey

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Q1: Learning from Pilots	Q2: Strengthening the Institution	Q3: Launching the Framework	Q4: Moving into Practice
Publication of 2024 Pilots Lessons Learned Report. Consolidated evidence from previous pilot phases and translated learnings into implementation design.	Charter revision and ratification by the General Assembly. Governance renewal and release of explainers to make GBA work more accessible.	Release of Battery Benchmarks with data assurance rules and GHG Rulebook v2.1. ITC MoU signed at New York Climate Week.	Public consultation, first wave of Operational Trials, China engagement and AGM in Brussels.



Publication of the GBA Battery Passport 2024 Pilots, the world's largest effort to establish harmonized battery passport reporting



Launch of the release of the GBA Battery Benchmarks in September 2025 at the New York Climate Week



New Charter, ratified by the General Assembly at the online Annual General Meeting



Participating consortia of the Battery Passport Operational trials started in December 2025





# Flagship Impact: The Battery Benchmarks Release

The launch of the Release of the [GBA Battery Benchmarks](#) during New York Climate Week on 25 September 2025 marked the most significant milestone in the Global Battery Alliance's journey to date. It represented the transition from years of conceptual development and piloting toward operationalisation of what is intended to become the world's first globally harmonised sustainability certification framework for batteries.

The Battery Benchmarks establish a common sustainability framework designed to improve transparency, comparability, and trust across the global battery ecosystem. The Release forms the reporting and assessment foundation of the future GBA Battery Passport certification scheme, targeted for launch in early 2027, translating broad sustainability expectations into practical implementation rules and measurable performance criteria applicable across battery supply chains.



The Release introduced several core building blocks of the future Battery Passport system, including:

The GBA Battery Benchmarks

The Data Assurance Rulebook

The updated Greenhouse Gas Rulebook v2.1

Together, these components establish the core architecture for how sustainability information can be collected, verified, aggregated, and assessed across complex global battery value chains and provide the basis for the 2025-2026 operational trails and prototyping.



## ESG Issues Covered in the Battery Passport

### Cross-Cutting

#### 1. Risk and Sustainability Management Systems

**Environment**

**Energy and GHG**  
4. GHG emissions\*  
5. GHG reduction and energy efficiency

**Environmental Safeguards**  
6. Biodiversity loss  
7. Pollution (air, soil, water)  
8. Waste management (incl. mine waste)  
9. Natural resource management/stewardship

**Circularity**  
10. Circular design\*\*  
11. Resource and material efficiency

\*Please refer to the GBA's GHG rulebook v2.1  
\*\*Circular design to be revised for the 2027 edition  
\*\*\*Indigenous Peoples' rights under drafting and multi-stakeholder consensus building

#### 2. Supply Chain Due Diligence

**Social & Economic**

**Human Rights**  
12. Child labour  
13. Forced labour  
14. Use of security forces

**Labour Rights**  
15. Employment terms  
16. Freedom of association and collective bargaining  
17. Occupational health and safety  
18. Diversity and non-discrimination

**Social and Community Engagement**  
19. Community impacts  
20. Indigenous Peoples' rights\*\*\*

**Local Economy**  
21. Local economic development  
22. Sourcing from artisanal and small-scale miners

**Product Cost**  
23. Total cost of ownership

#### 3. Stakeholder engagement

**Governance**

**Compliance & Good Governance**  
24. Business integrity & transparency  
25. Product quality and safety

**Legend:**

ESG issues corresponding to risk categories of Annex X of the EU Battery Regulation (2023) - coverage in 2025 Beta release

ESG issues corresponding to Annex II risks of the OECD minerals guidance

Other salient ESG issues - coverage in 2027 framework



The Battery Benchmarks are designed as an interoperability framework that aligns and builds upon existing requirements while helping reduce fragmentation and reporting complexity across the battery ecosystem.



The Battery Benchmarks represent one of the largest and most diverse pre-competitive sustainability alignment efforts undertaken within the battery sector to date. Unlike many existing frameworks developed within individual sectors or jurisdictions, the Benchmarks were developed through multi-stakeholder consensus across the full battery value chain, including

mining companies, refiners, battery manufacturers, automotive companies, recyclers, civil society and labour organisations, financial institutions, governments, academia, and international institutions.

Importantly, the Battery Benchmarks are not intended to replace existing sustainability standards or regulations. Rather, they are designed as an interoperability framework that aligns and builds upon existing requirements while helping reduce fragmentation and reporting complexity across the battery ecosystem. The framework aligns with major regulatory and international due diligence expectations, including the EU Battery Regulation and OECD Due Diligence Guidance, while also recognising leading voluntary sustainability standards.

To support this objective, the GBA collaborated closely with major sustainability initiatives and standards organisations, including the Aluminium Stewardship Initiative (ASI), The Copper Mark, the Initiative for Responsible Mining Assurance (IRMA), the Responsible Minerals Initiative (RMI), Towards Sustainable Mining (TSM), and the International Council on Mining and Metals (ICMM).



Batteries are an essential part of clean energy transition, and the Battery Passport is a tool that can help decision making of end-users in a way that promotes sustainable and circular economy. Building on experiences from two rounds of the GBA Battery Passport Pilot, LG Energy Solution will continue to work for greater transparency and traceability, paving the way to a sustainable battery ecosystem.”

**Dongwook Chun**

Vice President, Global External Relations and ESG,  
LG Energy Solution



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Alongside the Battery Benchmarks, the GBA published Version 2.1 of its Greenhouse Gas Rulebook in September 2025. The updated rulebook establishes a comprehensive methodology for the calculation and verification of greenhouse gas emissions associated with the production, manufacture, and recycling of batteries. The revised version incorporates lessons learned from piloting activities conducted in 2024 and responds to stakeholder requests for greater methodological clarity in selected sections. It also strengthens alignment with adjacent greenhouse gas frameworks, including those developed by the Partnership for Carbon Transparency (PACT), Together for Sustainability, and Catena-X.

The reporting framework is designed to support both facility-level and product-level sustainability assessments, enabling more consistent comparability across supply chains and battery products. Complementing this, the Data Assurance Rulebook defines the governance, validation, and verification processes required to support trusted sustainability reporting and comparability across participants.

The Release also marked a broader strategic transition for the GBA itself, moving from pilot experimentation toward implementation readiness. Lessons from Battery Passport pilots conducted between 2023 and 2024 demonstrated the feasibility of collecting, verifying, and aggregating sustainability information across highly complex global supply chains. The 2025 Release builds directly on those learnings and establishes the basis for further refinement through Operational Trials beginning in late 2025 and continuing throughout the first half of 2026.

These trials will help assess the practicality, scalability, interoperability, and usability of the framework under real-world operating conditions while informing future iterations of the Battery Benchmarks and associated rulebooks. Through this process, the GBA aims to ensure that the 2027 Battery Passport certification scheme is implementable, credible, and globally relevant.



Our clients are seeking transparency regarding the origins of batteries and their environmental impact. Through our membership in the Global Battery Alliance, we are actively working to shape global standards for transparency and accountability in the industry.”

**Volker Hild**

Vice President, Energy Storage,  
Siemens Energy



## Testimonials from benchmarked standards



“Aluminium Stewardship Initiative (ASI) is pleased to contribute to the GBA Battery Passport framework through participation in the GBA Standard Setter Working Group and by including ASI’s Performance Standard in the benchmarking process. Harmonisation with relevant external standards and schemes is an important part of ASI’s collaboration activities, helping to reduce unnecessary duplication and inform our learning and continual improvement. We look forward to continuing to work with the GBA on these areas as our standards evolve over time.”



As a Voluntary Sustainability Standard crafted by and for diverse stakeholders, IRMA has welcomed the opportunity to contribute to the GBA’s efforts to streamline reporting in line with the EUBR. Effective due diligence allows all stakeholders to work together towards a common aim: advancing responsible practices along the value chain, particularly at the point of extraction. We hope the framework will support and recognise the efforts of mine operators who are moving beyond the status quo, adopting high-bar standards, and sharing their journey of continuous improvement with transparency.”



“The Copper Mark is pleased to have participated in the working group and contributed to the development of the Global Battery Alliance (GBA) benchmarking initiative through feedback. This collaboration underscores our ongoing commitment to advancing responsible practices across the mining and metals value chain specifically for copper, nickel, molybdenum, and zinc, and our support for a more aligned and harmonised standards landscape in the future. Adoption of robust and practical standards by producers, processors and users of minerals and metals forms an integral part of building responsible battery value chains. As we transition to the Consolidated Mining Standard Initiative (CMSI), the Copper Mark remains committed to continued collaboration with the GBA toward our shared goal of promoting responsible practices along metal value chains.”



“ICMM values the partnership with the GBA to develop the Battery Passport Benchmarking framework. ICMM is currently in the process of transitioning to the Consolidated Mining Standard Initiative (CMSI) which will replace the Mining Principles to form the core of their membership commitments. We look forward to future cooperation towards recognition and benchmarking of the CMSI Standard.”



“The Responsible Minerals Initiative (RMI) is pleased to contribute to the GBA’s Battery Passport initiative through participation on the GBA’s Board of Directors, and by supporting the inclusion of the RMI’s Responsible Minerals Assurance Process (RMAP) All Minerals Standard, Supply Chain Due Diligence Module, and Facility Standard for Social, Environmental, Occupational Health and Safety, and Governance Risks in the Battery Passport benchmarking. This collaboration reflects our commitment to responsible sourcing, transparency, and the advancement of globally aligned due diligence practices. The RMI looks forward to continuing to work with its more than 500 member companies, over 300 mineral processors in the RMI assessment programme, and multi stakeholder partners such as the GBA, to provide practical solutions for responsible critical mineral and battery supply chains.”



“Toward Sustainable Mining has actively contributed to the Global Battery Alliance benchmarking initiative, providing input and expertise to help shape the draft framework. This reflects our dedication to responsible mining operations and our support for industry efforts to enhance transparency and standardization in sustainability reporting. We recognize the value of multi-stakeholder collaboration in developing workable solutions for the responsible sourcing challenges facing battery supply chains. TSM will remain engaged with the Global Battery Alliance and other stakeholders as this framework evolves.”

# Lowering the digital entry barrier: GBA-ITC Cooperation

As the Battery Passport moves from framework development toward real-world implementation, one challenge has become increasingly clear across the battery ecosystem: sustainability reporting can only scale if trusted digital infrastructure exists to support secure, interoperable, and efficient data exchange across complex global supply chains. To address this challenge, the Global Battery Alliance (GBA) and the International Trade Centre (ITC), the joint agency of the United Nations and the World Trade Organization, formalised a strategic cooperation through a Memorandum of Understanding signed during the GBA Leadership Meeting at New York Climate Week on 25 September 2025.



Inga Petersen, Executive Director of the Global Battery Alliance (left) and Pamela Coke-Hamilton, Executive Director, International Trade Centre (right).

## KEY AREAS OF COOPERATION COVERED UNDER THE MOU INCLUDE:

- Creation of free-to-use digital tools to help lower implementation barriers, particularly for SMEs and actors with limited digital capabilities.
- Establishment of a secure data platform, the 'GBA Gateway' enabling supply chain participants to upload, manage, and selectively share sustainability data and credentials.
- Development of machine-readable reporting formats to improve interoperability and reduce reporting complexity.
- Enablement of digital signing and verification of reports and credentials aligned with the United Nations Transparency Protocol.
- Provision of technical infrastructure and capacity building support for implementation partners and participating stakeholders.
- Development of a Battery Passport data platform, the 'GBA Insights' to support analysis of sustainability performance and global trends across the value chain.



We are committed to working with industry leaders to foster greater transparency and responsibility throughout the battery value chain. By joining forces in this EU-funded partnership, we aim to equip MSMEs and supply chain actors with the tools and frameworks needed to ensure environmental integrity, social accountability, and traceability – vital elements for sustainable and inclusive trade.”

**Pamela Coke-Hamilton** Executive Director, International Trade Centre



As the Minister responsible for trade and industry, I believe joining the GBA will aid our efforts to promote sustainable, traceable, and responsible sourcing and utilization of battery materials from mine to end-of-life management. For Zambia, engagement with the GBA represents not only an opportunity to drive economic diversification but also a means to ensure its participation in global supply chains under equitable and sustainable terms.”

**Hon. Chipoka Mulenga M.P,**  
Minister of Commerce, Trade & Industry,  
Republic of Zambia

Supported by the European Union, the partnership represents a major milestone in building the digital backbone of the Battery Passport ecosystem. At its core, the collaboration aims to develop an open-access, interoperable, and technology-agnostic digital public good for the global battery value chain. The objective is not to create a proprietary system, but rather to establish enabling digital infrastructure capable of supporting trusted sustainability data exchange across diverse actors, technologies, and jurisdictions. The partnership reflects a broader recognition emerging across the battery ecosystem: achieving transparency and traceability at scale requires not only harmonised sustainability expectations, but also practical implementation tools that lower barriers to participation and enable interoperability across systems. The GBA–ITC cooperation therefore focuses on building foundational infrastructure that can support implementation of the Battery Passport globally while improving accessibility for companies across the value chain, including smaller enterprises and actors in emerging markets.

Importantly, the cooperation is designed around principles that have consistently guided the GBA's broader work: openness,

interoperability, inclusiveness, and neutrality. Rather than reinforcing fragmentation across proprietary systems and competing data architectures, the initiative seeks to create common digital foundations capable of supporting alignment across standards, regulatory frameworks, and value chain actors. The partnership also reflects the growing importance of trusted sustainability data within the rapidly scaling battery ecosystem. As demand for batteries accelerates globally, driven by electric mobility, renewable energy integration, and energy security priorities, stakeholders increasingly require reliable, comparable, and verifiable sustainability information across supply chains. The GBA-ITC cooperation therefore represents more than a technical partnership. It is a strategic step toward enabling scalable trust infrastructure for sustainable battery value chains.

By combining the GBA's multi-stakeholder sustainability framework with ITC's expertise in trade facilitation, digital public infrastructure, and global implementation support, the partnership lays important groundwork for the future operationalisation of the Battery Passport and broader interoperability across the battery ecosystem.



# Strengthening Engagement with Policymakers, Regulators and Investors

As battery sustainability moves from ambition to implementation, GBA is increasingly serving as a bridge between policy, markets, and industry action.

Throughout 2025, the Alliance deepened its engagement with policymakers, regulators and investors, supporting discussions on the implementation of the EU Batteries Regulation and sharing technical lessons on the deployment of the Battery Passport.

This convening role was particularly evident at the 2025 AGM in Brussels, where policymakers and regulators from the European Union institutions came together with battery value chain leaders, investors and stakeholders to discuss how European policy trends interface with global supply chain perspectives. The dialogue identified regulatory fragmentation and trade tensions as some of the sector's most pressing challenges to transparency, competitiveness, and responsible sourcing, but also emphasised practical coordination, alignment and piloting as pathways to success in an increasingly fragmented world.

Through participation in discussions linked to the [United Nations Secretary-General's Panel on Critical Energy Transition Minerals](#), GBA also advanced dialogue with stakeholders across major battery-producing regions, including ongoing contributions to the [International Energy Agency](#) (IEA)'s and [The Organisation for Economic Co-operation and Development | OECD](#)'s policy research on batteries, engagement with [The Society of Automotive Engineers](#) (SAE International) on evolving battery traceability standards in the United States and strengthening cooperation with the [China Chamber of Commerce of Metals, Minerals & Chemicals Importers & Exporters](#) (CCCMC) to support greater interoperability and alignment across evolving global regulatory frameworks. The GBA continued in a coordinating role in the [Breakthrough Agenda Road Transport](#) platform's priority action on Supply Chains, together with the [United Nations Environment Programme](#) (UNEP), [United Nations Economic Commission for Europe](#) (UNECE) and the [World Economic Forum](#).



Madalina Ivanica, Deputy Head of Unit, Energy Intensive Industries & Raw Materials, DG for Internal Market, Industry, Entrepreneurship & SMEs (DG GROW), European Commission.

At the same time, achieving a resilient and sustainable battery value chain is not only a compliance issue. Investors, public and private, hold important levers via lending, capital investment, and green finance instruments, driving incentives for continuous improvement. The GBA is increasingly working with the investor community to explore how banks, equity investors and public development banks can use a harmonised standard – the Battery Benchmarks and the GHG rulebook – to screen projects, de-risk investments and set expectations. The GBA provided comments to the consultation of the Mining Commission 2030's Principles, convened its members [International Finance Corporation](#) (IFC) and [European Bank for Reconstruction and Development](#) together with leading responsible investment networks such as Principles for Responsible Investment and VBDO, The [Dutch Association of Investors for Sustainable Development](#), and engaged with [CERES Investor Network](#) and other investor networks.



# Critical minerals, Circularity and Producing Country Engagement

## The Circularity and Critical Minerals Advisory Group (CCMAG) complements the Battery Passport Programme by creating a dedicated space for dialogue on responsible sourcing, circularity and mineral supply chain sustainability.

It serves as an exchange and knowledge transfer platform to explore emerging trends and relevant topics shaping the battery value chain.

### In 2025 we hosted a series of dialogues under the CCMAG programme, including the following themes:

- Dialogue on Circular Battery Value Chains, underpinned by analysis from the [International Energy Agency](#) (IEA) and experts from [EUCOBAT](#) and [Cling Systems](#), explored how circularity can reduce pressure on primary mineral supply while supporting the energy transition.
- Dialogue with the [Columbia Center on Sustainable Investment](#) (CCSI) and [UNIDO's Critical Minerals Market Assessment](#) on how technological advancement and investment can support sustainable development in producing and emerging economies, while also strengthening supply security for the battery value chain.
- Dialogue on how Traceability can be used as a strategic tool to manage risks and support responsible sourcing, respond to regulators and market preferences, producing insight into cradle-to-gate battery production - with interventions from experts from [IEA](#), [OECD](#), and [SAE International](#).
- Dialogue on Artisanal and small-scale mining (ASM) and how responsible sourcing can better reflect ASM realities and opportunities on the ground – supported by the [Impact Facility](#), [Alliance for Responsible Mining](#) (ARM) and [European Partnership for Responsible Minerals](#) (EPRM).
- A focus group discussion for Battery Energy Storage Systems (BESS) developers enabling peer level exchanges on BESS-specific pain points related to EUBR readiness and functional units for future GBA certification.

- Dialogue on Battery sustainability requirements, global standards and producing country priorities with interventions from the governments from Zambia and Indonesia and among others The [Extractive Industries Transparency Initiative](#) (EITI), the [Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development](#) (IGF) and [United Nations Environment Programme](#) (UNEP), [GIZ](#) and [Levin Sources](#) on how ESG and due diligence frameworks can support national development priorities without creating barriers to market access and where gaps are still to be closed to get there.



If you missed the sessions, we have summarized key take-aways from the 2025 dialogue series in our end of year [blog](#) available on the GBA website.



# Producing Country Engagement

Since our founding in 2017, the Global Battery Alliance has united public and private stakeholders behind a common vision: building sustainable, responsible, and circular battery value chains by 2030. Mineral-producing countries are indispensable partners in achieving this vision. Yet many face persistent barriers to accessing regulated markets, demonstrating compliance, and retaining value along the supply chain. The GBA's engagement with producing countries, supported by the German Federal Ministry for Economic Cooperation and Development (BMZ) via a full-time GIZ secondee to GBA seeks to address these challenges through public-private collaboration, enabling countries to attract investment and integrate into responsible, future-proof battery value chains.

The GBA's upstream engagement began with the Cobalt Action Partnership (2020), an initiative aimed at building consensus around a framework for responsibly sourced ASM cobalt in the Democratic Republic of the Congo (DRC). In 2022 the Cobalt Action Partnership was expanded into the Critical Minerals Advisory Group which has since served as the umbrella initiative of the GBA to deepen collaboration with mineral-producing countries across Africa, Latin America, and Asia to reflect upstream priorities in emerging sustainability frameworks.

Following Zambia's official membership with GBA in 2024, GBA developed a strategy in 2025 with the aim to strengthen its producing country engagement. The strategy outlines how capacity building, policy dialogue, and partnerships can help ensure that the benefits of the clean energy transition are more equitably distributed across the value chain.

## VALUE PROPOSITION FOR PRODUCING COUNTRIES:

<b>Showcase responsible production</b> and align with global regulations (e.g., EU Battery Regulation).	<b>Attract sustainable investment</b> and technology partnerships.	<b>Promote domestic value addition</b> , skills development, and industrialisation.	<b>Avoid marginalisation</b> in supply chains by improving traceability and ESG performance.	<b>Access capacity-building and benchmarking tools</b> under the GBA Battery Passport and related initiatives.
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## AND FOR GBA MEMBERS (PRIVATE SECTOR, GOVERNMENTS, AND FINANCIAL INSTITUTIONS):

<b>De-risk supply chains</b> through verified ESG data and improved visibility in producer contexts.	<b>Strengthen responsible sourcing credentials</b> via collaboration with compliant producers.	<b>Shape upstream sustainability expectations</b> to ensure alignment with operational realities.	<b>Identify investment and partnership opportunities</b> in traceable, high-performing jurisdictions.	<b>Demonstrate collective leadership</b> in scaling responsible critical minerals globally.
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# 3

## The Alliance in Action

20



CATL is committed to driving sustainability and circularity in the battery industry. Through our participation in the Battery Passport initiative and our active engagement in the GBA, we are proud to be part of a collaborative effort to shape a more sustainable future.”

**Ziyu Liu**

Deputy Director of Government Affairs,  
CATL



# Member, Partner and Ecosystem Engagement

## GBA membership base

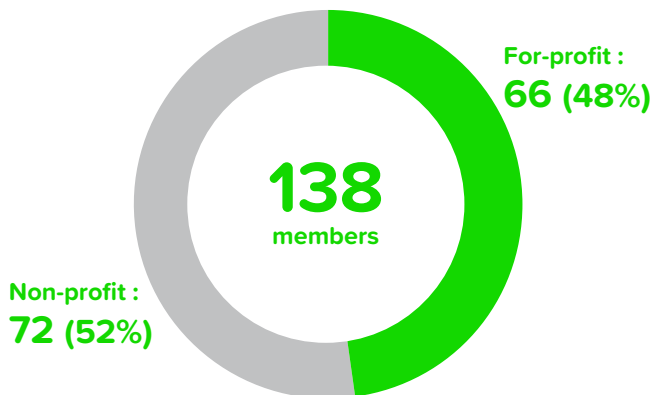
While broader market conditions led to some membership consolidation in 2025, the GBA continued to attract new members and maintained a membership base approximately 30% above the 2022 baseline.

New additions to our membership in 2025 included:

- BNL Supplies B.V.
- Columbia Center on Sustainable Investment
- Council on Energy, Environment and Water
- GLOBAL SOLAR CO. UK LIMITED
- Government of the Republic of Zambia
- İNOVAT MÜHENDİSLİK SANAYİ TİCARET ANONİM ŞİRKETİ
- KURZ Digital Solutions GmbH & Co. KG
- Pacific Northwest Battery Collaborative
- Siemens Energy Global GmbH & Co. KG
- The International Trade Center
- The New York Climate Exchange Inc.
- UNITAR-SCYCLE
- Zhejiang Jinko Energy Storage Co.Ltd

As a multi-stakeholder platform, we are especially proud to see non-corporate engagement in the GBA grow through 2025.

### Total number of members on 31/12/2025



## How our members shaped the work

A defining strength of the Global Battery Alliance is the active role members play in shaping the organisation's work and outputs. Throughout 2025, GBA members collaborated across a wide range of technical and strategic working groups covering Greenhouse Gas accounting, Battery Passport Content, Data Assurance, Piloting, Track & Trace, Circularity, and Critical Minerals. These working groups brought together expertise from across the battery value chain, including industry, governments, civil society, academia, financial institutions, and international organisations, to co-develop practical solutions and align expectations on sustainable battery value chains.

Townhalls, consultations, and the Annual General Meeting provided additional opportunities for members to exchange perspectives, review progress, provide feedback, and build alignment around key strategic and technical priorities. This continuous engagement remains central to the GBA's multi-stakeholder model and helps ensure that frameworks developed within the alliance reflect both operational realities and broader sustainability expectations across the ecosystem.

The GBA continued to apply its systemic consensus approach throughout 2025, focusing on identifying durable solutions with the least resistance across stakeholder groups. This methodology enables constructive collaboration across diverse perspectives and has become a defining feature of the GBA's approach to building globally relevant and broadly supported sustainability frameworks.





## Global Engagement Highlights

Throughout 2025, GBA strengthened its global presence through a series of high-level engagements that advanced collaboration, increased visibility, and supported the implementation of sustainable and responsible battery value chains.

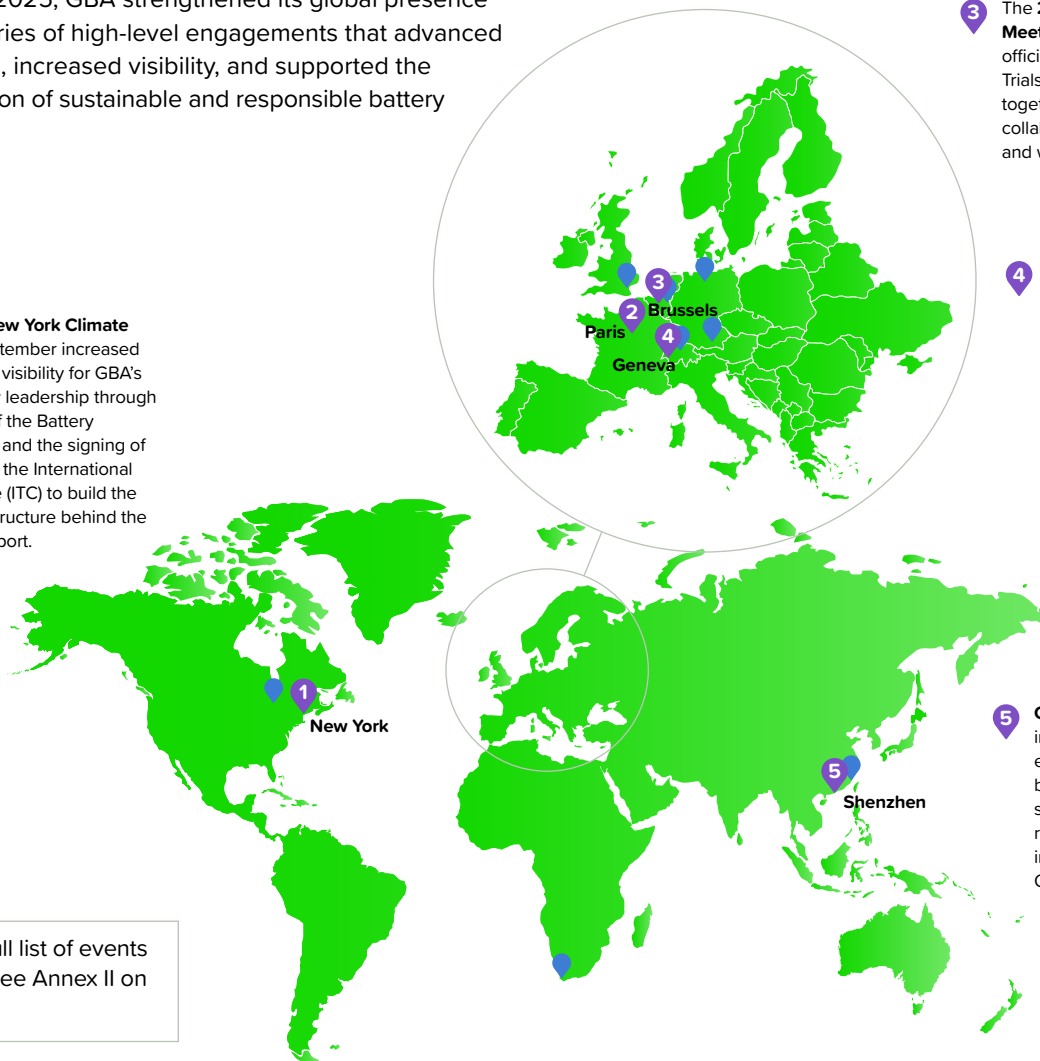
**1** The 2025 **New York Climate Week** in September increased international visibility for GBA's sustainability leadership through the launch of the Battery Benchmarks and the signing of an MoU with the International Trade Centre (ITC) to build the digital infrastructure behind the battery passport.

**2** The 2025 **OECD Forum on Responsible Mineral Supply Chains** in May strengthened alignment with global due diligence and responsible sourcing standards while positioning GBA as a key convening platform on sustainable battery supply chains.

**3** The 2025 **GBA Annual General Meeting** in Brussels in December officially launched the Operational Trials and brought members together to advance technical collaboration, strategic alignment, and working group coordination.

**4** The 2025 **IGF Annual General Meeting** in Geneva in November reinforced GBA's collaboration with governments and international organizations on responsible mining, critical minerals governance, and sustainable battery value chain policies

**5** **GBA's China engagement** in October 2025 deepened engagement with Chinese battery value chain stakeholders, strengthened member relationships, and expanded interest and participation in the Operational Trials.



For our full list of events in 2025 see Annex II on page 36.

### SPOTLIGHT

#### AGM – Annual General Meeting – Brussels, December 2025

The GBA's Annual General Meeting (AGM) 2025 was held in Brussels on 9-10 December, a 1.5-day event that was attended by more than 121 GBA members and guests from 75 organisations from across the globe representing corporates, governments, and civil society. The AGM programme included panel discussions, informational sessions on regulation and networking and interactive working sessions on thematic topics and was complemented by the opportunity to join two optional site visits, one to the European Parliament and one to the Autoworld 2025 exhibition, and a networking dinner. The GBA's operational trials were officially launched at the event and set the stage for this annual event of GBA members. The AGM was honored to host two government delegations from Zambia and Indonesia.





# Governance and Institutional Development

23

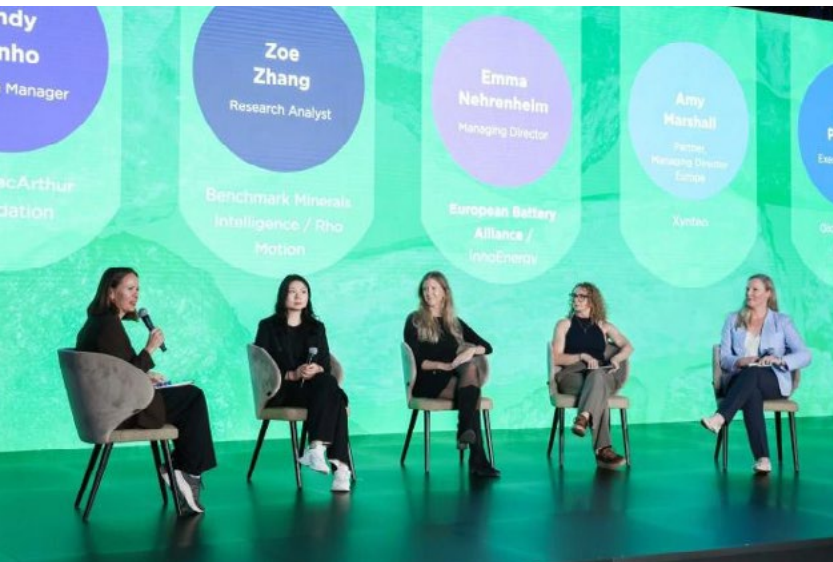
At a time when sustainability frameworks are proliferating globally, balanced governance and transparent consensus-building remain central to the credibility of the Battery Passport ecosystem. The Global Battery Alliance (GBA) operates as an independent international not-for-profit organisation incorporated in Belgium since 2022. Its governance model reflects the Alliance’s core principle that sustainable battery value chains can only be achieved through balanced multi-stakeholder collaboration across the entire ecosystem.

In 2025, GBA members ratified a [revised Charter](#) to reflect the organisation’s evolving needs and to further strengthen the governance framework supporting the next phase of Battery Passport operationalisation. The Charter revision also reaffirmed the mandates and responsibilities of the Alliance’s governance bodies, ensuring continued alignment with GBA’s mission as a politically impartial, pre-competitive platform. The principal changes in the Charter revision included:

- Creation of the observer role
- Formal creation and role for Steering Committees
- Duration of BOD mandates from maximum two mandates of two years to maximum three mandates of three years
- Equal representation throughout governance bodies from corporate and non corporate members
- Ex-officio Director status of Executive Director

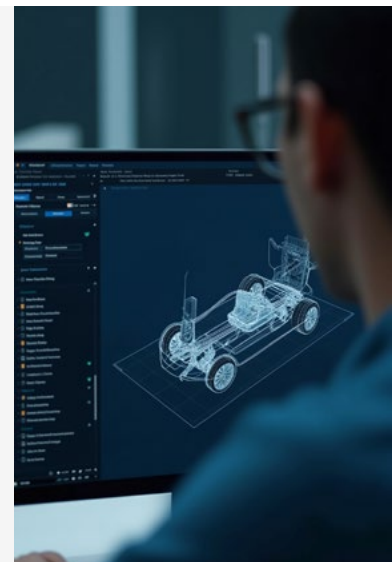


At the centre of the governance structure is the Board of Directors, the Alliance’s principal decision-making body. Reflecting GBA’s commitment to balanced representation and consensus-building, the Board maintains equal representation between industry and business members on one side, and civil society and public-interest organisations on the other. This structure remains fundamental to the credibility and legitimacy of the Alliance’s work, ensuring that diverse stakeholder perspectives are reflected in strategic decision-making.





It was really useful to be able to engage with representatives of the full end-to-end value chain, which is quite unique.”





The Executive Committee supports the work of the Board and provides ongoing oversight between Board meetings. It is composed of the Chair, Vice Chair, and Treasurer of the Alliance.

Technical oversight and multi-stakeholder coordination are provided through the GBA Steering Committees, which guide the Alliance’s two principal workstreams: the Battery Passport Programme and the Circularity & Critical Minerals Advisory Group (CCMAG). These committees bring together technical experts and stakeholder representatives from across the value chain to support implementation, provide strategic guidance, and help align operational priorities.

The GBA is further supported by its Supervisory Council, a representative body composed of senior leaders and strategic advisors who champion the work of the Alliance and help strengthen engagement across the broader battery ecosystem.

Throughout 2025, the GBA’s governance model continued to demonstrate the value of structured multi-stakeholder collaboration in navigating an increasingly complex and rapidly evolving battery landscape. By combining balanced representation, technical expertise, and systemic consensus-building, the Alliance remains uniquely positioned to convene diverse stakeholders around shared solutions for sustainable, transparent, and responsible battery value chains.



The GBA’s membership reflects the most comprehensive multistakeholder communities in the battery ecosystem, bringing together companies from across the value chain alongside governments, civil society organisations, labour representatives, investors, standards bodies, academia, and international institutions.”

**Gillian Davison and  
Susannah McLaren**

### Executive Committee 2025



**Gillian Davison**  
Chair of the  
Board, *Resolve /  
Regeneration*



**Susannah McLaren**  
Vice Chair of the  
Board of Director,  
*Cobalt Institute*



**Bady Balde**  
Treasurer,  
*Extractive Industries  
Transparency Initiative*



*Past Chair of the  
Board – vacant  
for 2025*



# Publications and Knowledge Products

In 2025, the Global Battery Alliance continued to expand its role as a leading source of practical guidance, technical frameworks, and thought leadership for sustainable battery value chains. As the Battery Passport moved from conceptual development toward operationalisation, [GBA's publications](#) and knowledge products increasingly focused on supporting implementation, improving accessibility, and building shared understanding across a rapidly evolving ecosystem.

Throughout the year, the Alliance released technical rulebooks, benchmark frameworks, pilot learnings, explainers, consultation materials, webinars, and multilingual resources designed to support stakeholders across the battery value

chain, from mining and manufacturing to policy, finance, and civil society. Together, these publications contributed to greater transparency, interoperability, and alignment across the growing landscape of battery sustainability requirements and implementation approaches.

GBA publications are conceived for a professional multi-stakeholder audience including battery value chain companies, policymakers, regulators, ESG and compliance professionals, investors, sustainability standards organizations, and technical implementation partners, with the aim of advancing responsible, sustainable and circular battery supply chains through shared frameworks, guidance, and industry coordination.

Category	2025 outputs	Purpose
Technical frameworks	Battery Benchmarks, GHG Rulebook v2.1, Data Assurance Rulebook	Enable consistent reporting, verification and future certification.
Implementation learning	2024 Pilots Overview and Lessons Learned Report	Translate pilot findings into operational guidance.
Accessible explainers	GBA, Battery Passport, GBA and Public Sector, CCMAG	Make GBA's work easier to understand for wider audiences.
Global reach	Translations in French, Spanish and Chinese	Improve accessibility across jurisdictions and value chains.
Engagement formats	Quarterly newsletter, webinars and briefs	Keep members and stakeholders informed and ready to participate.



### Technical frameworks



The GBA [Battery Benchmarks](#), including the Data Assurance Rulebook as an appendix, the standard against which the GBA will certify batteries, all actors across the battery value chain, from mining and producing to recycling companies – including battery industry and ESG/compliance professionals, policymakers, investors and sustainability analysts.



The [GBA Greenhouse Gas Rulebook – V.2.1](#) was developed for battery value chain companies, ESG and carbon accounting professionals, regulators, auditors, and technical stakeholders involved in measuring, reporting, verifying, and standardizing battery carbon footprints and sustainability data. The Rulebook also encourages participation from governments in GBA's work.

### Implementation learning



The [GBA Battery Passport Proof of Concept Pilots 2023](#) and the [2024 Pilots Overview & Lessons Learned Report](#) address battery industry stakeholders, sustainability and compliance professionals, policymakers, digital traceability providers, auditors, and participating supply-chain companies seeking practical guidance on implementing interoperable, transparent, and regulation-ready battery passport systems.

### Accessible explainers



The Explainer Series publications are developed for general, non-specialist audiences, including public sector stakeholders, civil society, new industry participants, media, academia, and end consumers, by making the Global Battery Alliance's initiatives, governance work, and technical concepts more accessible and easier to understand.

[About The Global Battery Alliance](#)

[The Battery Passport, An introduction for supply chain companies and other stakeholders](#)

[The Global Battery Alliance for Public Stakeholders](#)

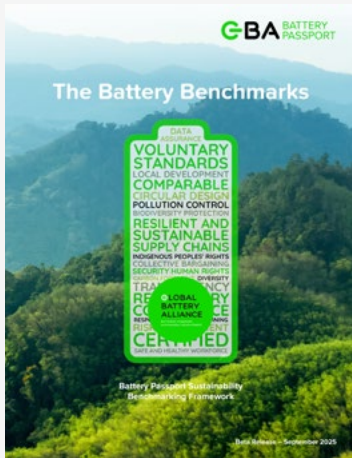
[The Circularity and Critical Minerals Advisory Group \(CCMAG\)](#)

[Open access digital infrastructure for GBA Battery Passports](#)





## Global reach



To improve accessibility across jurisdictions and value chains, the original version in English of the [GBA Battery Benchmarks](#) was translated in Spanish, French and Chinese.

The Spanish version: [GBA Battery Benchmarks](#)

The French version: [GBA Battery Benchmarks](#)

And the Chinese one: [GBA Battery Benchmarks](#)



The [“Operational Trials Overview Brief”](#) is aimed at battery value chain companies, technical and regulatory stakeholders, and prospective participants in the GBA Battery Passport Operational Trials, while its [Chinese translation](#) specifically aims to improve accessibility and engagement for Chinese-speaking jurisdictions, manufacturers, and supply-chain actors within the global battery ecosystem



The GBA is the most important global partnership to scale sustainable, responsible value chains for batteries.”

**Olaf Scholz**

Former Chancellor of the Federal Republic of Germany (2024)



## Engagement formats

To keep members informed and facilitate active participation in working groups, GBA also expanded its communication formats last year through quarterly newsletters, webinars, and briefing materials designed to provide timely updates, share key developments, and support ongoing stakeholder engagement across the battery value chain.



The GBA **Quarterly Newsletter** is primarily addressed to GBA members and non-members, partner institutions, and stakeholders across the battery value chain, providing updates on ongoing initiatives, technical developments, engagement opportunities, and upcoming collaboration activities.

Quarter 2 edition, July 2025

**First issue**

Quarter 3 edition, October 2025,

**Second issue**

Quarter 4 edition, January 2026,

**Third issue**



The **“Quantifying Progress – How the GBA’s Greenhouse Gas Rulebook Supports SBTi Goals”** brief is aimed at sustainability, climate, and ESG professionals, battery value chain companies, regulators, auditors, and corporate decision-makers seeking to align battery carbon accounting and supply-chain decarbonisation efforts with Science Based Targets initiative (SBTi) requirements and broader climate disclosure expectations.



The **2025 Annual General Meeting Report** is addressed to GBA members, industry leaders, policymakers, sustainability experts, and working group participants across the global battery value chain, documenting key discussions, strategic priorities, and collaborative outcomes from the Alliance’s annual stakeholder gathering.

## Engaging Stakeholders to Shape the Battery Benchmarks

Developed through extensive collaboration across the battery value chain, the Battery Benchmarks reflects the collective expertise and consensus of GBA members and partner organisations.

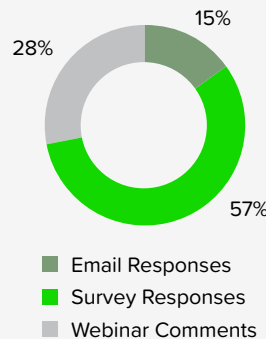
Recognising the importance of broad stakeholder participation, the GBA launched a public consultation to gather feedback and strengthen the Battery Benchmarks ahead of their finalisation. The first consultation round, which ran from October to December 2025, generated valuable input from stakeholders across regions and sectors, helping to refine the methodology and ensure its relevance, credibility, and implementability globally.

To support engagement and transparency, the GBA also hosted two public webinars, bringing together industry representatives, policymakers, civil society organisations, and sustainability experts to explore the Benchmarks, answer questions, and encourage participation in the consultation process.

The outcomes of the consultation were broadly positive of the direction of travel of the framework and supportive across the benchmarking modules, with more implementation details on assurance, scoring and verification to come,

The insights gathered through this engagement process will inform the next phase of development, culminating in the publication of the final Battery Passport Benchmarking Framework and supporting the future certification of batteries against globally recognised sustainability criteria. A second consultation on the battery passport frameworks will take place in 2026.

### Feedback breakdown



There has clearly been a lot of work on sources, data, and the entire value chain. I applaud you for this in-depth work.”



# Financial Overview

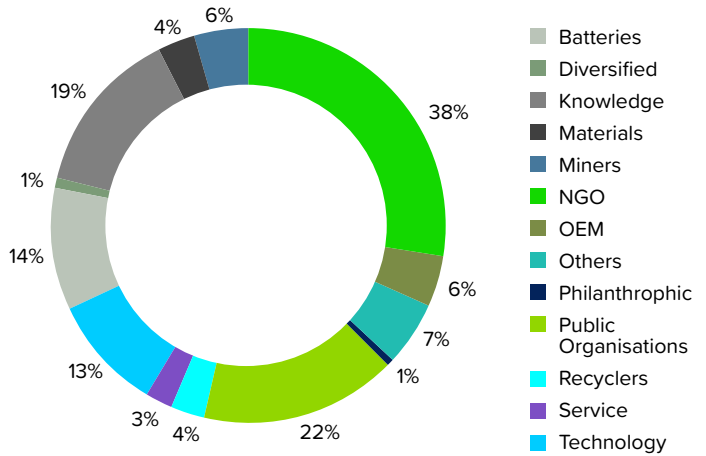
The 2025 financial year marked an important milestone for the Global Battery Alliance as the organisation completed its first full year operating under a fully Belgium-based financial management structure, following the transition away from the previous hybrid Belgium/US system. As a result, the 2025 accounts reflect a more stabilised financial environment and provide a clearer and more reliable representation of the organisation’s financial position.

The broader battery sector experienced a market correction following years of rapid expansion reflected in membership consolidation. In this context, GBA generated approximately EUR 1.56 million in revenue in 2025, representing a decrease of around 20% compared with 2024. In response to these market conditions, management prioritised prudent financial management, strengthened member retention and acquisition efforts, and intensified fundraising and partnership development activities aimed at diversifying revenue streams and supporting the organisation’s long-term sustainability.

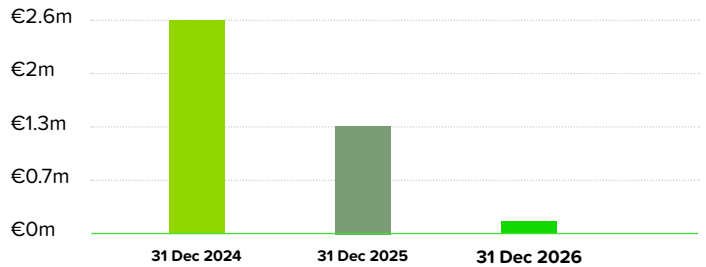
At the same time, the organisation implemented disciplined cost management measures throughout the year, with spending focused primarily on activities directly supporting operationalisation of the Battery Passport certification framework, essential organisational functions, and strategic ecosystem engagement. Careful staffing management and broader cost discipline contributed to a significant reduction in total expenses, which decreased from approximately EUR 2.6 million in 2024 to EUR 1.4 million in 2025.

Accounts receivable decreased significantly from approximately EUR 2.6 million as on 31 December 2024 to EUR 1.3 million as on 31 December 2025. While the year-end balance remains relatively high, this is primarily due to the invoicing of 2026 membership fees at the beginning of December 2025, with payment terms extending to February 2026. Subsequent collections have been strong, with outstanding receivables further reduced to approximately EUR 190k by 30 April 2026, demonstrating the increased effectiveness of the collection efforts.

## 2025 GBA Membership composition



## Reduction in accounts receivable



Despite a challenging operating environment, the organisation closed the year with a surplus of approximately EUR 124k, reflecting continued focus on financial stability and operational efficiency during a period of organisational transition and strategic implementation.

Looking ahead, GBA’s primary financial priority for 2026 remains supporting the completion and rollout of the Battery Passport certification scheme planned for launch in 2027. To support this objective, the organisation will continue focusing on membership growth, strategic partnerships, fundraising diversification, and disciplined financial management to ensure long-term organisational resilience and successful implementation of the Battery Passport ecosystem.



## Statement of Consolidated Activities

EUR

30

	2022	2023	2024	2025
<b>REVENUE</b>				
Membership fees	2.001.035,65 €	1.880.978,51 €	1.953.617,75 €	1.559.408,09 €
Members donations	167.828,21 €			
<b>Total revenues</b>	<b>2.168.863,86 €</b>	<b>1.880.978,51 €</b>	<b>1.953.617,75 €</b>	<b>1.559.408,09 €</b>
<b>OPERATING COSTS</b>				
Secretariat overhead	92.660,04 €	211.743,04 €	420.424,06 €	295.067,15 €
Staffing	321.185,00 €	444.435,91 €	842.856,45 €	818.937,83 €
Meetings			126.008,52 €	83.146,29 €
<b>Subtotal operating costs</b>	<b>413.845,04 €</b>	<b>656.178,95 €</b>	<b>1.389.289,03 €</b>	<b>1.197.151,27 €</b>
<b>PROJECT EXPENSES</b>				
Battery Passport	732.948,57 €	552.630,53 €	812.662,37 €	174.684,86 €
Cobalt Action Partnership	399.397,25 €	-		
Critical Minerals		98.754,86 €	52.978,99 €	-
Circularity				-
LAB				-
Independent Advisers		217.002,43 €	234.466,89 €	35.751,33 €
Other		-116.437,74 €	114.505,34 €	-
<b>Subtotal project expenses</b>	<b>1.132.345,82 €</b>	<b>751.950,08 €</b>	<b>1.214.613,59 €</b>	<b>210.436,19 €</b>
<b>Subtotal all expenses</b>	<b>1.546.190,86 €</b>	<b>1.408.129,03 €</b>	<b>2.603.902,62 €</b>	<b>1.407.587,46 €</b>
<b>Operational surplus / deficit</b>	<b>622.673,00 €</b>	<b>472.849,48 €</b>	<b>-650.284,87 €</b>	<b>151.820,63 €</b>
Financial result	-	-	17.192,57 €	-27.553,23 €
Exceptionnal result	-	-	-40.402,74 €	
<b>Surplus / (Deficit)</b>	<b>622.673,00 €</b>	<b>472.849,48 €</b>	<b>-673.495,04 €</b>	<b>124.267,40 €</b>
<b>RESERVES</b>	<b>622.673,00 €</b>	<b>1.095.522,48 €</b>	<b>422.027,44 €</b>	<b>546.294,84 €</b>



# 4

## Looking Forward

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As a frontrunner in sustainability, building its (battery) activities on a circular business model, Umicore actively supports the GBA battery passport concept. As global supply chains require a global perspective, the GBA is vital to take care of connecting regional approaches, highlighting different regulatory settings, identify and align different stakeholder views, and building common denominators comprising shared responsibility of all involved parties. By means of the GBA toolbox that is developed within the various work groups it can turn the battery passport from a mere compliance tool into an aspirational and tailored compass for a sustainable, circular, and responsible battery value chain.”

**Sven Jantzen**

Director, Government Affairs, Umicore



# Outlook: From Operational Trials to Certification

**Following the Release of the Battery Benchmarks in 2025, the Global Battery Alliance's priority for 2026 and beyond is to transition from framework development toward a robust, credible, and scalable certification ecosystem for batteries.**

The next phase of work will focus on translating the Battery Passport from a globally aligned framework into a practical implementation system capable of supporting trusted sustainability reporting and certification across increasingly complex battery supply chains.

Central to this effort are the GBA Operational Trials, which officially launched at the end of 2025 and began onboarding participants across the battery value chain in early 2026. The trials bring together battery manufacturers, automotive companies, mining and refining actors, recyclers, technology providers, assurance firms, and sustainability standards in one of the largest collaborative implementation exercises undertaken in the battery sector to date. Participating organisations are testing the practical application of the Battery Benchmarks, Greenhouse Gas Rulebook, Data Assurance framework, and digital reporting infrastructure under real-world operating conditions.

The Operational Trials will play a critical role in generating the evidence base needed to refine future iterations of the Battery Benchmarks and associated rulebooks and to determine the final certification and assurance parameters prior to the launch of the certification scheme in 2027. They are designed to assess interoperability, usability, scalability, and implementation feasibility across diverse jurisdictions, business models, and supply chain configurations.

Alongside the Operational Trials, the GBA will continue advancing its partnership with the International Trade Centre (ITC) to build open-access and interoperable digital infrastructure capable of supporting trusted data exchange across the battery ecosystem. This work includes development of the Battery Passport data gateway, machine-readable reporting formats, digital credentials, and implementation tools designed to lower participation barriers and improve accessibility across the value chain.

## Operational Trials participants

The image displays a grid of logos for various participants in the Operational Trials. The logos are organized into four rows and four columns. Each logo is accompanied by a small icon of two people, indicating a consortium lead. The participants include:

- Row 1:** IONCOR (SAMSUNG, SAMSUNG SDI, umicore, Re.Source, TÜVRheinland®), AESC (TÜVRheinland®, MINVIRC, CIRCULARISE), AESC (DENSO, 3OTREE, TÜVRheinland®), RioTinto (be-Sirius).
- Row 2:** REPT BATTERO (SIEMENS ENERGY, TÜVRheinland®, Circular), HTHIUM (SGS, BNL Supplies), Panasonic ENERGY (TESLA, NOVANDINO, Jecolatus), CALB (smart, 宁德时代).
- Row 3:** ENGIE, Jinko ESS (宁德时代, REPT BATTERO, MINVIRC), SEVB 欣旺达动力 (宁德时代), Gotion.
- Row 4:** FinDreams Battery, SEVB 欣旺达动力 (宁德时代, VOVAH), CALB (XPENG, 宁德时代), CATL.

Consortium Consortium lead



33 The Alliance will also continue strengthening engagement with producing countries and emerging economies to support capacity building, peer learning, and greater participation in the evolving Battery Passport ecosystem. This remains a strategic priority as the GBA seeks to ensure that the benefits of the battery transition are more equitably distributed across global supply chains.

At the same time, GBA will deepen demand-side engagement through partnerships that aim to structure market demand for GBA certified batteries, aiming to aggregate and quantify growing market demand for trusted sustainability information and harmonised approaches to responsible battery procurement.

As the battery sector continues to scale rapidly amid growing geopolitical, industrial, and energy security pressures, the need for trusted sustainability infrastructure will only intensify. Through expanded partnerships, continued multi-stakeholder collaboration, and growing participation across the Operational Trials, the GBA will continue working to ensure that the future Battery Passport ecosystem is globally relevant, implementable, and capable of supporting transparent, resilient, and sustainable battery value chains at scale. The Alliance's overarching focus for 2026-2027 will be refining the certification framework through Operational Trials and preparing for the launch of the Battery Passport certification scheme in 2027.



GBA membership and participation in the GBA ecosystem gives us broad and deep insight into the global battery industry while enabling us to more easily collaborate with strategic stakeholders. Our goal, through working with GBA and its members, is to increase the availability of and market demand for responsibly sourced electric vehicle batteries while lowering their cost so that everyone can benefit.”

**E.J. Klock McCook**

Senior Principal, Rocky Mountain Institute





# Engage with GBA

**Achieving sustainable battery value chains at scale will require continued collaboration across industry, governments, civil society, standards organisations, and implementation partners.** GBA invites companies, governments, civil society, standards bodies, funders and technical partners to engage in building sustainable, responsible and circular battery value chains.

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# Annexes

## Annex I: Selection of mentions in media and academia 2025

### Selected mentions in media

The Global Battery Alliance continued to strengthen its global visibility throughout 2025, with coverage spanning international business media, sustainability and mining publications, battery industry press, and technology outlets. Media attention focused particularly on the battery passport, responsible sourcing, sustainability governance, circularity, traceability, and the growing strategic importance of battery value chains in the energy transition. Selected article include:

#### Reference Links

1. Bloomberg TV, *EVs Have Become Politicized, Says Executive Director of the Global Battery Alliance*, 4 Feb 2025 – <https://www.bloomberg.com/news/videos/2025-02-04/executive-director-of-the-global-battery-alliance-on-evs-video>
2. Mining Review Africa, *Partnerships essential for creating a transparent battery value chain*, 18 Sep 2025 – <https://www.miningreview.com/news/partnerships-essential-for-creating-a-transparent-battery-value-chain/>
3. Best Magazine, *Global Battery Alliance joins forces with ITC*, 2 Oct 2025 – <https://www.bestmag.co.uk/global-battery-alliance-joins-forces-with-itc/>
4. Global Battery Alliance Press Release, *International Trade Centre, Global Battery Alliance partner to enhance sustainability in battery value chains*. 25 Sep 2025 <https://www.globalbattery.org/press-releases/>
5. WN / Energy & Electricity News Syndication, *International Trade Centre, Global Battery Alliance partner to enhance sustainability in battery value chains*, 25 Sep 2025 – [https://article.wn.com/view-electricity/2025/09/25/International-Trade-Centre-Global-Battery-Alliance-partner\\_t/](https://article.wn.com/view-electricity/2025/09/25/International-Trade-Centre-Global-Battery-Alliance-partner_t/)

### Selected references in Academic Research

The Global Battery Alliance (GBA), and particularly its work on the Battery Passport, sustainable battery value chains, and circularity frameworks, continued to feature prominently in academic and policy-oriented research during 2025. Researchers increasingly referenced GBA frameworks and methodologies as foundational contributions to the emerging global battery governance ecosystem. Selected publications include:

#### Reference Links

1. Resources, Conservation & Recycling Advances / ScienceDirect – *The quest for more circular battery value chains: Implementing the EU digital battery passport and remaining challenges* (2025): <https://www.sciencedirect.com/science/article/pii/S2666791625000272>
2. Frontiers in Sustainable Resource Management – *Navigating digital transformation in the battery information ecosystem: a roadmap for the UK toward compliance with EU Battery Passports and Smart Labeling regulations* (2025): <https://www.frontiersin.org/journals/sustainable-resource-management/articles/10.3389/fsrma.2025.1716795/full>
3. arXiv – *From the Rock Floor to the Cloud: A Systematic Survey of State-of-the-Art NLP in Battery Life Cycle* (2025): <https://arxiv.org/abs/2510.27369>
4. AZoM – *Exploring the Battery Passport for Researchers and Suppliers* (2025): <https://www.azom.com/article.aspx?ArticleID=24502>
5. EVS38 Proceedings – *Battery Passport – Challenges in Transitioning from Regulation to Implementation* (2025): [https://evs38-program.org/images/Proceedings/B%20Policy%20%26%20Society/163\\_Battery%20Passport%20Chall](https://evs38-program.org/images/Proceedings/B%20Policy%20%26%20Society/163_Battery%20Passport%20Chall)



## Annex II: Full Events List



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**DATE****EVENT****LOCATION**

February 3-6	Mining Indaba 2025	Indaba, South Africa
March 26-27	SolarPower Europe 2025	Brussels, Belgium
May 5-7	OECD – OCDE Forum on Responsible Mineral Supply	
	Chains 2025	Paris, France
May 15	GIZ Responsible Business Alliance	Brussels, Belgium
June 19th	AGM / Townhall meeting - virtual	virtual
June 2-3	Hamburg Sustainability Conference	Hamburg, Germany
June 18-19	Move London 2025	London, United Kingdom
June 21-29	London Climate Action Week 2025	London, United Kingdom
September 2-3	World Resources Forum 2025	Geneva, Switzerland
September 25	New York Climate Week 2025	New York, USA
September 9-14	IAA 2025	Munich, Germany
October 13-15	London Metals Exchange Week 2025	London, United Kingdom
October 20-21	Li-ion Battery China 2025 and GBA China outreach	Xiamen and Shenzhen, China
October 29	IEA Energy Innovation Forum 2025	Toronto, Ontario
November 3-5	IGF Annual General Meeting 2025	Geneva, Switzerland
November 4-7	World Bank Group – ESP Forum 2025	Genk, Belgium
November 13-14	CircuBAT Closing Symposium 2025	Bern, Switzerland
December 2-4	Resourcing Tomorrow 2025	London, United Kingdom
December 9-10	GBA Annual General Meeting 2025	Brussels, Belgium



## Annex III: Full Governance Rosters

### Board, Steering Committee and Supervisory Council

#### OUR GOVERNANCE

##### Board of Directors for the 2025-2027 term:

- Lydie Derebreu, BASF
- Liu Ziyu, CATL
- Susannah McLaren, Cobalt Institute
- Mathy Stanislaus, Drexel University
- Lucia de Carlo, Federal Ministry for Economic Cooperation and Development (BMZ), Germany
- Anna Krutikov, Glencore International AG
- Georg Leutert, IndustriALL Global Union
- Isabelle Ramdoo, International Institute of Sustainable Development (IISD)/Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development (IGF)
- Astrid Karamira, International Lithium Association
- Diep Nguyen van Houtte, International Finance Corporation (IFC)
- Jihye Choi, LG Energy Solution
- Jennifer Peyser, Responsible Business Alliance
- Gillian Davidson, Resolve
- Edward Jason (E.J.) Klock McCook, Rocky Mountain Institute (RMI)
- Stefan Debruyne, SQM
- Ferdinand Maubrey, Tesla
- Wouter Ghyoot, Umicore
- Mamadou Bady Baldé, Extractive Industries Transparency Initiative (EITI)
- Fernando J. Gomez, World Economic Forum
- Ke Wang, World Resources Institute (WRI)

##### Steering Committees

In 2025, the Board of Directors confirmed the mandates of GBA Steering Committees in the new Charter. The Steering Committees support GBA's decision-making, broad multi-stakeholder engagement, and provide technical oversight for initiatives designed to support the GBA's vision and mission, as determined appropriate.

##### Battery Passport Steering Committee

- Hermann J. Feise, BASF
- Yuki Wang, CATL
- Luke Hu, Electroder
- Zinaida Nazarenko, EUCOBAT
- Rosalie Seppelt, GIZ – Co-chair
- Ilse Schoeters, Glencore
- Grégoire Bellois, International Institute of Sustainable Development (IISD)/Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development (IGF)
- Peter Mockel, International Finance Corporation
- James McQuilken, Pact
- Nakano Katsuhiko, Panasonic
- Lei Pi, Shenzhen Precise Testing Technology
- Nalori Dhammei Chakma, Tallgrass Institute
- Byron Cheng, Tesla
- Andrea di Masi, SQM
- Gillian Davidson, Resolve
- Fanny Frémont, Responsible Mica Initiative
- Sven Jantzen, Umicore - Chair
- Nikolas Oehl-Schalla, VDI/VDE Innovation + Technik
- Chaitanya Kanuri, World Resources Institute



## Board, Steering Committee and Supervisory Council (continued)

### OUR GOVERNANCE

#### Circularity and Critical Minerals Advisory Group Steering Committee

- Yamin Zheng, AESC
- Xiao Lin, Botree - Chair
- Stefano Sacco, Centro de Movilidad Sostenible
- Luke Hu, Electroder
- Ela Yilmaz, European Bank for Reconstruction and Development (EBRD)
- Tim Schlosser, GIZ - Chair
- Grégoire Bellois, International Institute of Sustainable Development (IISD)/Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development (IGF)
- Andrea di Masi, SQM
- Andrew Deadman, The-Faraday-Institute
- Sudeshna Mohanty, Rocky Mountain Institute
- Anne-Marie Suriano, Rio Tinto
- Gillian Davidson, Resolve
- Vishant Kothari, World Resources Institute
- Bao Wei, Zhejiang Huayou Recycling Technology Co., Ltd.

#### Supervisory Council

The GBA also has a representative body to champion the work of the Alliance and provide strategic advice: the Supervisory Council. Stepping down from the role on the Supervisory Council during 2023 – 2024 term were the previous co-chairs Benedikt Sobotka, former CEO Eurasian Resources Group, and Martin Bruder Müller, former CEO BASF, as well as Matthias Miedreich, former CEO of Umicore, and Caroline Anstey, former President and CEO of Pact. The GBA Secretariat would like to sincerely thank the outgoing Supervisory Council members for their outstanding commitment, engagement and support to the activities of the GBA. The Supervisory Council members played a critical role in championing the work of the Alliance and growing the membership base. Jon Creyts, the CEO of the Rocky Mountain Institute joined the Supervisory Council in 2023.

## GBA Leadership Council

We invite new members to nominate their C-level officers to join Leadership Council

#### The role of the Leadership Council is to provide:

- overall guidance and stewardship
- promoting the Alliance as the senior most representatives of the GBA
- actively participating in events organised under the auspices of the Alliance
- supporting the engagement of and the dialogue between key stakeholders to further the work of the Alliance
- supporting the fundraising efforts of the Secretariat



**Atle Høie**  
Assistant General  
Secretary  
IndustriALL



**Inger Andersen**  
Executive Director  
UNEP



**Robin Zeng**  
Founder and  
Chairman  
CATL



**Gim Huay Neo**  
Managing Director  
WEF



**Jon Creyts**  
CEO  
Rocky Mountain  
Institute



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ALLIANCE**

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