ABOUT THE GLOBAL BATTERY ALLIANCE

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BATTERIES POWERING SUSTAINABLE DEVELOPMENT

The lithium-ion battery industry is experiencing unprecedented growth, driven by the global shift towards electrification and renewable energy integration. The International Energy Agency (IEA) reports that battery manufacturing capacity reached 2.5 terawatt-hours (TWh) in 2023, with projections indicating a rise to over 9 TWh by 2030 if current investment plans are realized. This rapid expansion underscores the critical need for the industry to scale in a sustainable manner to contribute to more resilient battery value chains by enhancing transparency, reducing risks, and ensuring long-term economic and environmental viability.

Founded in 2017 at the World Economic Forum, the Global Battery Alliance (GBA) is an independent non-profit organisation committed to establishing a **sustainable, responsible and circular** battery value chain by 2030. Conceived as a global multistakeholder and collective action platform, the GBA is pooling the ambition and expertise of over 150 leading businesses, standard setters, NGOs, academia, governments and international organizations across the battery value chain from mining to recycling. The GBA's **Ten Guiding Principles** lay the foundation for members' collaboration towards a circular and low-carbon economy in the battery value chain, creating economic value while safeguarding human rights. The GBA's activities are governed by a multi-stakeholder Board of Directors and guided by technical Steering Committees and working groups with equal representation from corporate and non-corporate members.

The Battery Passport

The GBA Battery Passport is an emerging **global sustainability certification for batteries**, underpinned by indicators that allow data on site- and facility-level sustainability performance in the battery supply chain to be gathered, verified, scored, aggregated and compared. It is built on innovative Digital Product Passport protocols and technologies, to enable trusted and harmonized supply chain data to be harnessed more efficiently than ever before.

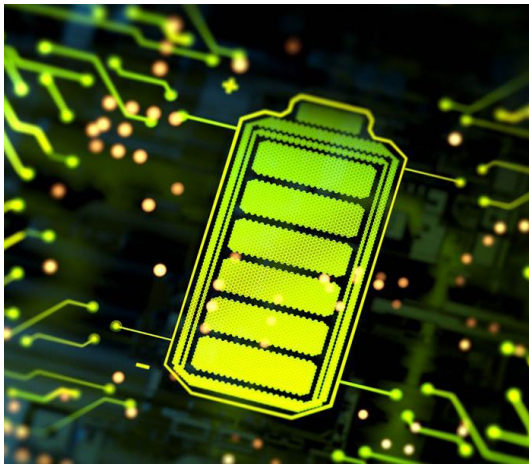
The GBA Battery Passport defines a measurement framework for site- and facility-level sustainability performance, and sets rules for how associated data is passed between organizations, how supply chains are made visible and how the trustworthiness of data is assured. We work with technology partners who implement digital solutions for supply chain companies based on these rules and frameworks. The gathered data allows physical batteries to be graded for their supply chain sustainability attributes and to achieve GBA certification.

The GBA Battery Passport is breaking new ground by bringing together responsible sourcing, due diligence, digital technology, product carbon footprinting and multi-stakeholder consensus building. Companies from across the supply chain, service providers, civil society, governments and other stakeholders come together to build consensus in a multistakeholder environment, working toward common sustainability goals. Building on successful piloting rounds in 2023 and 2024, additional operational trials will take place in 2025-2026, and a fully operational Battery Passport will be launched in 2027.

> 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)



By implementing the GBA Battery Passport, battery supply chain companies demonstrate their commitment to sustainability, grow trust and value for their stakeholders, build supply chain transparency, manage reputation risk, become more resilient to supply disruptions, and meet regulatory reporting requirements more efficiently.

The Circularity and Critical Minerals Advisory Group

In addition to the flagship Battery Passport programme, the GBA is convening its members under the umbrella of the Circularity and Critical Minerals Advisory Group (CCMAG), a unique platform for public-private engagement on sustainable battery minerals in a politically neutral setting. It is conceived as a thematic dialogue space led by members and partners, dedicated to exploring trends and gaps around sustainability & circularity in the battery supply chain. The GBA regularly publishes thought leadership arising from the interaction and research under CCMAG. The intended impact is to strengthen GBA multistakeholder collaboration, including the engagement with mineral-rich governments on sustainability requirements of the battery industry and to develop thought leadership on circularity, recycling, and emerging value chain sustainability questions. By participating in the GBA, member organizations can gain the following benefits:

- **Access the leading network of global battery value chain actors** from mining companies, cell manufacturers, automotive OEMs, energy companies, NGOs, academia, and others.
- Support responsible business conduct by facilitating risk-based due diligence in value chains **and future-proof your value chain by building resilient operations** that can withstand increased geo-political, social and environmental risks
- **Build capacity** related to global battery sector regulatory trends and build understanding of best practices in responsible sourcing, due diligence and leading sustainability practices across the value chain.
- **Showcase your leadership:** Create global visibility for your organization's engagement in promoting sustainability leadership across the value chain from mining to recycling.

HOW TO JOIN:

To find out more and join the GBA, visit our **website**, follow us on **LinkedIn** or contact the Secretariat **secretariat@globalbattery.org**

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