



Funded by the European Union

Open access digital infrastructure for GBA Battery Passports

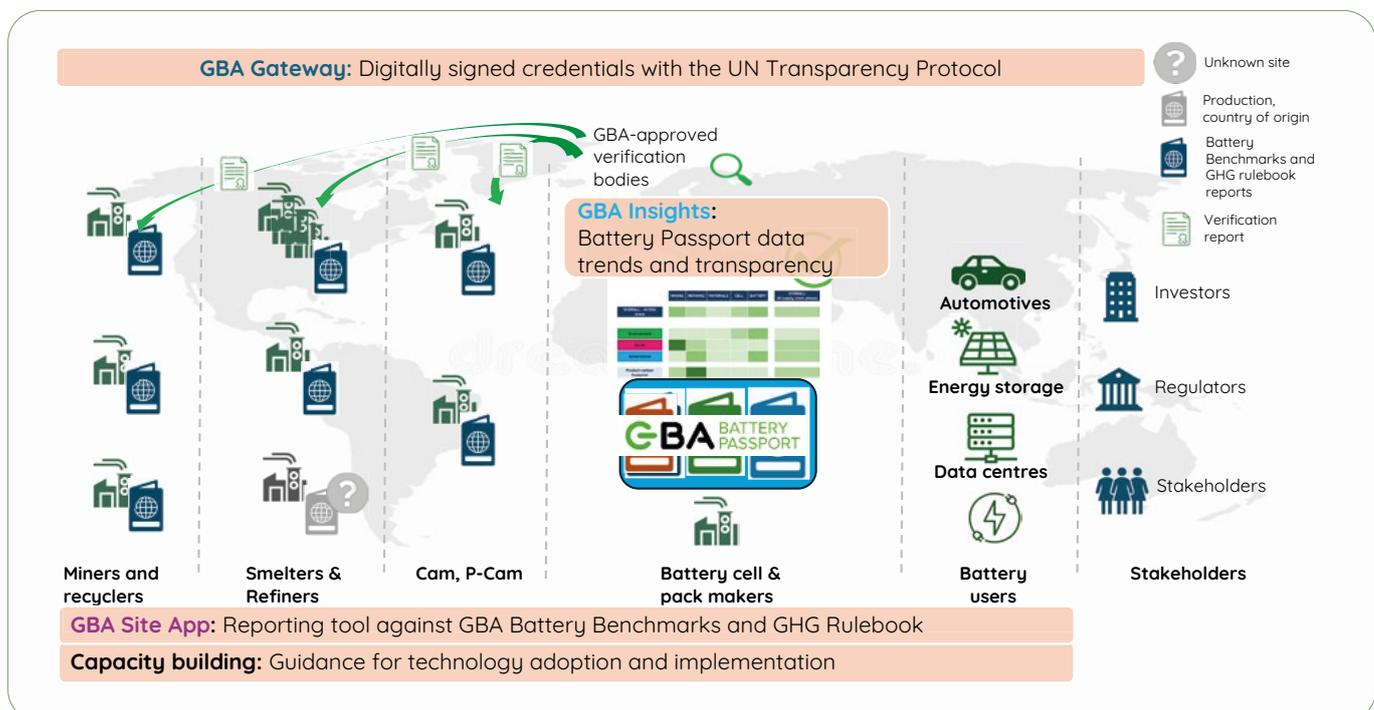
An International Trade Centre – Global Battery Alliance partnership toward transparent and traceable battery supply chains

THE ITC-GBA PARTNERSHIP

The International Trade Centre (ITC) and the Global Battery Alliance (GBA) are partnering to deliver on shared objectives and capabilities of leveraging digital technologies for responsible and inclusive global supply chains with free to use, global public good tools hosted by ITC. The partnership enhances transparency, generates insights into battery supply chains and supports the scaling of global battery supply chains sustainably by supporting key components of the implementation of the **GBA Battery Passport**:

- **GBA Gateway:** Technical infrastructure and specifications for implementation partners in the GBA Battery Passport ecosystem, which facilitates trust and efficient exchange of information in the reporting process regardless of the technology of choice – building on and implementing the **UN Transparency Protocol** extension for the GBA Battery Passport.

- **A GBA Site App:** A tool enabling the onboarding of manufacturers and other facilities along the battery supply chain to the ecosystem; generation and signing of facility reports according to GBA Battery Benchmarks and Greenhouse Gas Rulebook and sharing of credentials with other GBA participants – removing technological barriers for smaller companies and allowing their participation in the Battery Passport ecosystem.
- **A GBA Insights platform:** Providing policymakers, civil society representatives and other stakeholders with aggregated data and trends on progress toward transparent, sustainable, and resilient global battery supply chains.
- **Capacity building of operators along the battery supply chain:** Training, onboarding, e-learning and guidance to support reporting companies in line with ITC’s mandate to support small and medium-sized enterprises to trade, as well as the GBA’s strategy to engage with producing countries and ensure inclusive access to the benefits of battery investments.





Ultimately, the collaboration will support harmonising sustainability requirements across battery supply chains to generate efficiencies, assured data, comparability and continuous improvement through tracking over time.

● Why batteries, why now?

Global battery demand is growing exponentially: it is expected to quadruple between 2023 and 2030 as electric vehicle sales continue to rise and battery energy storage infrastructure is scaled for grids and data centres, according to [Bain & Company](#).

Meeting this growing demand in an environmentally and socially responsible way – at every step of the supply chain, from sourcing to recycling of raw materials – requires credible data, harmonised tools and frameworks. This enables stakeholders to align on and meet globally agreed-upon sustainability standards.

● Introducing the GBA Battery Passport

The **GBA Battery Passport** is an emerging global sustainability certification scheme for batteries. It leverages the **Battery Benchmarks** as a harmonised set of indicators that enable the collection, verification, scoring, aggregation and comparison of data on responsible production and sourcing from facilities in the battery supply chain. The scheme is built on digital product passport protocols, which promote transparency by presenting supply chain data at the product level.

The GBA Battery Passport rests on an interoperable ecosystem in which it creates the normative framework of reporting, while technology partners and supply chain companies are free to use their preferred tools to collect and report data. The GBA is committed to this approach as a registered extender of the **United Nations Transparency Protocol (UNTP) for battery passports**, a common “language” for exchanging digital credentials and data across the supply chain. The GBA Gateway offers the digital backbone for interoperability and trust across various solutions.

● Using ITC’s digital tools across strategic value chains

ITC promotes the integration of small and medium-sized enterprises (SMEs) of developing countries in global value chains, supporting sustainable and inclusive development.

Since 2019, ITC has been funded by the European Commission Directorate-General for International Partnerships (DG INTPA) to support the creation of digital tools for collection and exchange of sustainability data

in global value chains. In the first phase of the project, ITC developed a social audit data-sharing platform in collaboration with the Social and Labor Convergence Program (SLCP), reducing auditing costs and promoting responsible business practices within textile production facilities in developing and emerging markets.

The second phase (2024-2028) responds to increased demand for transparency solutions in global value chains, building on and expanding efforts to other sectors, including critical raw materials. ITC is targeting areas where interoperable sustainability benchmarking frameworks and greater transparency can deliver strong impacts on trade facilitation and collaboration.

Additional functionalities can be developed depending on priorities of the partners and lessons learned from the initial collaboration. These could include targeted capacity building to supply chain companies, additional analytical capabilities by combining the Battery Passport data with other data, future integration of the benchmarking framework with the [ITC Standards Map](#), and other advanced reporting capabilities.

ABOUT THE GLOBAL BATTERY ALLIANCE (GBA)

Founded in 2017 at the World Economic Forum, the **Global Battery Alliance** (GBA) is an independent non-profit organization 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.



ABOUT THE INTERNATIONAL TRADE CENTRE (ITC)

ITC is the joint agency of the **World Trade Organization** and the **United Nations**. ITC assists small and medium-sized enterprises in developing and transition economies to become more competitive in global markets, thereby contributing to sustainable economic development within the frameworks of the Aid-for-Trade agenda and the United Nations’ Sustainable Development Goals.