

Tesla battery passport

The Global Battery Alliance (“GBA”), the world’s largest multi-stakeholder organisation to establish a sustainable battery value chain by 2030, today launched the proof of concept for its Battery Passport at the World Economic Forum’s Annual Meeting in Davos.

Batteries are the key to unlocking the energy transition. At the same time, batteries are material- and resource-intensive with inevitable social and environmental impacts throughout the value chain. This includes greenhouse gas emissions during material sourcing, processing and manufacturing of batteries and issues of child labour and human rights violations. Bringing transparency to battery value chains through the introduction of the battery passport is a critical step towards establishing sustainable battery value chains in a rapidly growing industry.

Building on the ground-breaking efforts of the Global Battery Alliance, the concept of a Battery Passport has already been endorsed at the 2021 G7 Leaders’ Meeting, in the EU Battery Regulation and by the Canadian and U.S. administrations. A Battery Passport will become a mandatory requirement in the EU by 2026 with other regions likely to follow, which makes the launch of the GBA’s Battery Passport more important than ever to provide a globally harmonized framework for sustainability performance in the future.

The Honourable Jonathan Wilkinson, Canada’s Minister of Natural Resources, said: “The Government of Canada welcomes this milestone achievement for the Global Battery Alliance’s Battery Passport. We support strong multi-stakeholder efforts that promote responsible and sustainable global battery supply chains, including membership in the Sustainable Critical Mineral Alliance launched by Canada last month. Canada looks forward to continued collaboration with the GBA and its partners.”

“The battery supply chain is complex and we welcome the indices as a means to ensure that violations of human rights don’t go undetected. The rights of the workers along this increasingly important value chain need to be respected. Workers’ rights are human rights.” Atle Høie, IndustriALL Global Union General Secretary.

“Tesla piloted the Battery Passport and collected the relevant environmental and social data points on our cobalt supply chain. While a lot more work needs to be done to cover all relevant areas across battery mineral supply chains, standard reporting across a level playing field certainly has a role to play in the transition towards sustainable energy.” Ferdinand Maubrey, Head of Responsible Sourcing, Battery Supply Chain & Battery Minerals, Tesla.

“FREYR Battery congratulates the Global Battery Alliance for making the digital passport for batteries a reality. This will change the game by enabling a transparent value chain that documents the environmental and social footprint of the batteries, from mining to gate, through use and recycling,” said Co-founder

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and CEO Tom Jensen, FREYR Battery. "FREYR sees the Battery Passport as fundamental for our industry and to ensure that sustainable conduct simply is the nature of our business worldwide."

"The Cobalt Institute - the non-profit trade association composed of producers, users, recyclers, and traders of cobalt - is proud to have invested time and effort in the Global Battery Alliance over the past two years. We believe the Battery Passport is an important tool for addressing the environmental, social and governance challenges in the global battery value chain by bringing greater transparency to the market." Susannah McLaren, Head of Responsible Sourcing and Sustainability, Cobalt Institute.

"Clarios a founding member of the World Economic Forum's Global Battery Alliance (GBA) is pleased to support the standardization efforts of the digital battery passport to boost the circular economy and ensure that all batteries, regardless of chemistry, are properly managed across their life cycle. We supported the aim to connect and scale efforts to ensure the battery value chain is socially, environmentally and economically sustainable". Dr. Christian Rosenkranz, Vice President Industry and Governmental Relations EMEA.

"GBA's battery passport offers the opportunity to build trust in the marketplace in critical claims such as GHG footprint and human rights. Built through the core strength of GBA – its multistakeholder process – it lays the groundwork for authentically driving to a net zero and just climate transition." Mathy V. Stanislaus, Vice-Provost and Executive Director of The Environmental Collaboratory at Drexel University.

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Web: <https://www.hollanddutchtours.nl/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

