

What is the Battery Passport?

The Battery Passport is a concept that, when used in conjunction with other initiatives by the Global Battery Alliance and its members, will facilitate the widespread adoption and help maximize the sustainability potential of batteries.

What is the Battery Passport Action Partnership?

The Battery Passport Action Partnership is governed by a Steering Committee that guides strategic decision-making. The Committee is made up of GBA members representing a balance of industry, civil society, governments, and academia. The Global Battery Alliance (GBA) serves as the Secretariat.

How to design a scalable and global battery passport infrastructure?

To create a fully scalable and global battery passport infrastructure, an ecosystem approach is required. This involves connecting and engaging businesses, IT solution providers, regulators, auditors, public, and international and non-governmental organizations. The vision for this ecosystem and the roadmap to build it were captured by the GBA in 2020.

What kind of data does a battery passport contain?

A battery passport contains data and descriptions about the ESG performance, manufacturing history, and provenance. It also advances battery life extension and enables recycling. Harmonizing of digital systems collaborating across the value chain to report data into the battery passport.

Who makes up the Battery Passport Steering Committee?

The Battery Passport Steering Committee guides strategic decision-making and is made up of GBA members representing a balance of industry, civil society, governments, and academia. The GBA brings together leading organizations along the entire battery value chain.

Can a global multi-stakeholder approach shape the battery passport instrument?

The GBA believes that a global multi-stakeholder approach is necessary to help collectively shape the battery passport instrument, given the highly globalized battery value chains.

Vision of the Battery Passport Battery Passport Vision: Accelerate the scaling of sustainable, responsible, and circular battery value chains by: 1. Establishing a global battery ...

LG Energy Solution recently announced its participation in the second wave of Battery Passport Pilots organized by the Global Battery Alliance (GBA). This initiative is a crucial step in preparing for the European Union's ...

Building on the successful launch of the first Battery Passport proof-of-concept in January 2023 led by Audi, and Tesla and involving Contemporary Amperex Technology ...

On April 18, CATL announced its plan to achieve carbon neutrality in its core operations by 2025 and across the battery value chain by 2035 at the 20th Shanghai International Automobile Industry Exhibition (Auto Shanghai). "For ...

CATL and Ellen MacArthur Foundation establish Strategic Partnership to advance battery circular economy 3/18/2025 Baidu, CATL Sign Strategic Partnership Agreement to Empower New Ecosystem for ...

GBA's Battery Passport is unique as it is a key instrument to implement a global vision of sustainable, responsible and circular battery value chains, based on data that is ...

The first, industry-wide trusted battery passport for a connected and circular value chain. In 2027, new regulations will make a digital product passport become mandatory for all ...

Meanwhile CATL is participating in a Battery Passport scheme run by the Global Battery Alliance, which recently produced the first proof-of-concept passport. The GBA's passport is a digital twin of a physical battery featuring ...

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The GBA has established 11 pilot consortia led by battery manufacturers including CALB Group Co. Ltd., Contemporary Amperex Technology Co., Limited (CATL), EVE Energy Co., Ltd, Farasis Energy ...

The Global Battery Alliance (GBA), aiming to establish a sustainable battery value chain by 2030, has launched the proof of concept for its Battery Passport at the World Economic Forum's Annual ...

Recently, CATL has been included in Global Battery Alliance (GBA)'s new Board of Directors. The appointment is effective from April 2023 and the term will run until December 2024. CATL is also a member of the GBA ...

CATL's shipped 289 GWh of lithium-ion batteries in 2022, seizing a share of 37 percent and 43.4 percent respectively in the global EV battery and energy storage battery ...

The battery passport establishes a digital twin of the physical battery that conveys information about all applicable sustainability and lifecycle requirements based on a comprehensive definition of a sustainable battery.

Global Battery Alliance Unveils Results of Wave Two Battery Passport Pilots, Two CATL Programs Included
News provided by Contemporary Amperex Technology Co., Limited (CATL) 08 Nov, 2024, 02:43 GMT ...

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- By Q4 2021: Version 1.0 of the Battery Passport complete - By Q4 2022: Battery Passport launches with full functionality - GBA Vision 2030: Battery Passport drives ...

battery passport shall deliver just that % a digital record that documents all conditions under which a battery has been produced, logs its relevant usage history and ...

Sustainable batteries are a key element for environmentally, socially and climate-friendly electromobility. With the digital Battery Pass, we are getting a big step closer to this goal: Important data, such as the climate footprint or information ...

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