



Battery Pass

THEBATTERYPASS.EU

BatteryPass: Advancing the implementation of the battery passport in Europe and beyond

Towards a truly sustainable and circular battery
life through digital value chains



Objectives of the Battery Pass project

Digital battery passports will be a core tool to enable the sustainable scaling of battery value chains globally. The “Battery Pass” consortium was created to support their implementation according to new EU legislation.

Under the leadership of Systemiq, the 10-party's strong consortium with players from across the battery and automotive value chains, from business to science, Battery Pass considers itself an impartial, European initiative for the common good to advance collaborative solutions to globally compatible data reporting on sustainable products.

Started in 2022, the project has already drafted a first practical guidance for companies and supported the GBA (Global Battery Alliance) in shaping standards for data reporting. Over the course of three years, it will interpret legislative and practical requirements for digital product passports for batteries, propose content and technical guidance for implementation, and assess additional values of battery passports. The group invites external expert feedbacks and collaboration and open source its work results.



Impacting through a holistic guidance to all relevant aspects for a Digital Battery Passport

Compliance with EU Battery Regulation in focus, Battery Pass also goes beyond, harmonizing with other regulatory initiatives as well as aiming for increased sustainability and circularity. The project is unique in its scope by covering both content guidance as well as technical standards, validating the feasibility of both through a demonstrator and assessing further benefits and the value of such passport.

To enable maximum synergy potential with other ongoing initiatives, the Battery Pass project aligns and collaborates with e.g., GBA, a key Associated Partner, as well as with Catena-X. As such, not only the industry, but also standard development organizations and European institutions are stakeholders that will benefit from the results and recommendations in the context of their individual efforts.

Battery Pass is creating additional value by interacting with and supporting the vision and mission of the GBA (Global Battery Alliance)

By working closely and synergistically with GBA, Battery Pass supports its aim to spread battery passports globally to achieve consistent, high quality sustainability data reporting.

Concretely, this includes that Battery Pass: has developed an addendum to the GBA carbon footprint rulebook, covering end of life and circularity of batteries; is shaping a

work stream to support and expand the GBA sustainability index framework; aligns with GBA on battery passport pilot projects. The Battery Pass consortium endorses the GBA principles for sustainable battery value chains and supports global collaborative action. It actively collaborates with the Alliance and many other leaders in battery sustainability to guarantee timely use and implementation.

“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”

Michael Kellner, state secretary of the BMWK, Germany

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