



Circular Economy and Global Battery Passport (CE-GBP) Working Group Overview

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Table of Contents



Introduction to CE-GBP Working Group	3
Purpose of CE-GBP Working Group	4
Current Tasks	5
Completed Deliverables	8
Working Group File Tree	15
WG Meetings + Contact Information	16



Introduction to CE-GBP Working Group



- » MOBI's **CE-GBP Working Group** aims to unite public and private sector efforts globally to create necessary standards, build infrastructure, and implement a [Global Battery Passport System](#) (GBPS) to ensure compliance with existing and future regulations in the EU, US, Asia, and elsewhere. Currently, Supply Chain WG is part of the CE-GBP Working Group.
- » **Standards Contributors:** Accenture, AIOI, Anritsu, Arxum, ASJade Technology, AUCNET, AutoData Group, AWS, Blockedge, BMW, CEVT, Circuilarise, Dana, DENSO, DLT Labs, DMX, Fifth-9, Ford, Hitachi America Ltd., Honda, IBM, IOTA, ITOCHU, Marelli, Mazda, Nara Institute, Nissan, Olinda Solutions, Politecnico Di Torino, ParkMyFleet, Quantstamp, R3, Reply, Stellantis, Southeast Toyota Finance, SyncFab, State Farm, Thirdware, TICO, and Vinturas.



Purpose of CE-GBP Working Group

Accelerating global supply chain circularity

- The *CE-GBP* is a continuation of the work done in *MOBI's Supply Chain (SC) Working Group*. **SC** defined a DLT-based framework to unlock enhanced visibility into global supply chains and facilitate seamless communication to manage production, maintenance, and safety while meeting consumer and regulatory demands. **SC** also worked on standards and exploring regulation-compliant solution frameworks for battery supply chain track-and-trace..
- The **WG's** initial focus is on building a decentralized GBPS and uniting efforts to drive adoption for compliance with global battery regulations.

Current Tasks



>> **Global Battery Passport System (GBPS) Implementation Plan**

The objective of the GBPS Implementation Plan is to: Foster active engagement among MOBI members for GBPS implementation. This includes collaborative efforts to establish data standards, governance structures, deployment blueprints, and ultimately, the issuance of battery passports using GBPS.

>> **Battery Birth Certificate Schema Review**

MOBI's CE-GBP Working Group is currently working on developing a Battery Birth Certificate (BBC) Schema version 1.

Completed Deliverables (Supply Chain WG)



Explore all MOBI Standards [here!](#)

NOTE: The deliverables listed below were completed in the Supply Chain WG. Supply Chain WG is now part of the CE–GBP Working Group.

- >> [SC Business White Paper](#) (June 2021)
- >> [SC Reference Implementation Architecture](#) (June 2021)
- >> [Global Battery Passport Decentralized Implementation Guidelines](#) (June 2023)
- >> [Bidirectional EV Battery Track-and-Trace Pilot](#)
- >> Information Sharing Gaps in Electric Vehicle Battery End-of-Life Management (Waiting for Publication)

Get Involved!



CE-GBP calls allow members of the Circular Economy & Global Battery Passport Working Group to share project updates, discuss upcoming tasks, and review deliverables as needed.

AM Meetings: 1st and 3rd week of the month on Mondays @ 8 am PT

PM Meetings: 2nd and 4th week of the month on Mondays @ 4 pm PT

Contact MOBI Fellow Matt Shi (matt@dlt.mobi) for an invitation



Thank You!