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Closing Event

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From Concept to Blueprint: Battery Passports as Enablers of Transparent, Competitive, and Circular Value Chains.

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PITCHES

Impact Stories: Learning from Digital Product Passport Success Stories



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PITCHES

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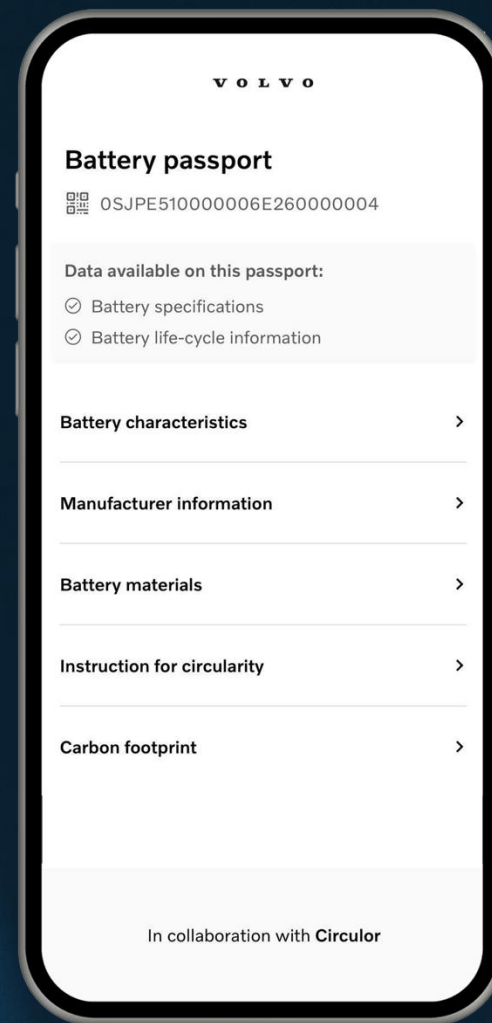
VOLVO CARS & CIRCULOR

THE WORLD'S FIRST BATTERY PASSPORT

The world's first Battery Passport launched at production scale in June 2024

Developed by Volvo Cars and Circular who've
been working together since 2019

Integrated into the Volvo Cars' app of each EX90 car owner,
providing them with verified data on the CO2 footprint, origin
of minerals, recycled content etc. in their battery



V O L V O

EX90 being delivered to EU and US markets with a battery passport, accessible through a QR code on the B-pillar



What does at production scale mean?

- Fully integrated into Volvo's production process
- Illuminating sourcing issues
- Demonstrating compliance
- Underpinned with traceability



Lessons learned, from Circular

1. Battery Passports underpinned with traceability is possible at scale
2. It does not undermine the economics of an EV or a battery
3. It is much more than an IT project – it is strategic and cross-functional *
4. It takes time to implement - start now!

* It touches supply chain, sustainability, procurement, R&D, product management, manufacturing, after-market, marketing, legal - requiring working across the organisation and across the supply chain in an unprecedented way.



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The leading solution for
supply chain traceability

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