

# Book & Claim for Battery-Electric Road Freight

A credible, audit-ready approach to market-based emissions accounting for electric transport

Electric road freight is scaling rapidly, but emissions accounting has not kept pace. shipzero's Book & Claim solution for battery-electric vehicles (BEV) gives Logistics Service Providers (LSP) a structured, audit-ready method to document and allocate emission credits. No need to wait for fully standardized market infrastructure: the methodology works with today's data landscape and grows with it.

## The opportunity for Logistics Service Providers

Battery-electric vehicles are moving from pilot to fleet scale across European road freight. Yet in most customer conversations, the accounting question remains unanswered: how do you translate real-world charging activity into a credible emissions claim that holds up under audit?

That gap is a commercial risk. Customers and auditors are asking for verifiable, methodology-compliant emissions reductions. Logistics Service Providers that can answer that question consistently and at scale are better placed in tenders, customer dialogues, and their own reporting.

Book & Claim for BEV closes the gap. It links charging data, electricity supply contracts, and allocation logic into a transparent chain of custody, turning electric operations into structured, reportable claims.

## How the methodology works

### Charging station data as the evidentiary foundation

shipzero deliberately prioritizes charge point data over vehicle consumption data wherever possible. Charging station records capture energy delivered at the point of transfer, including charging losses, creating a stronger and more defensible accounting basis than vehicle-reported consumption alone. Where charge point data is not yet available, equivalent system records from charging providers can be accepted as a transitional standard.

### Electricity supply: what qualifies

Self-generated photovoltaic can only be recognized if there is a meter between the charging point and solar panel that counts the amount of energy delivered from the panel to the point. A Guarantee of Origin (GoO) from the electricity provider or the presentation of enough Renewable Energy Certificates (REC) are the most reliable form to prove the attributes of the utilized electricity.

If none of the above can be delivered, the grid average of the country in which the charging point is located will be used.

## What Book & Claim for BEV enables

For logistics service providers, this approach delivers:

- ✓ A credible, customer-facing low-emission offering. Structure and sell BEV transport services with documented accounting logic, not just a green label.
- ✓ Audit-readiness from the start. Every claim is backed by a chain of custody: charging events, supply contracts, and allocation records that satisfy external reviewers.
- ✓ Scalability across a mixed fleet. The allocation logic handles real-world complexity like multiple vehicle types, and shared depot charging, so the solution works at fleet scale, not just in pilots.

For cargo owners, Book & Claim creates access to credible, transparent low-emission claims even when battery-electric transport is not yet physically available on every lane.

## A validated methodology in an emerging market

The BEV charging data landscape is still maturing. Larger operators in particular have not yet standardized how charging data is provided to third parties, and charge point interoperability varies across depot, fleet, and public network settings. That is precisely why methodology discipline matters more, not less.

shipzero can build direct API connections to charge point operators and charging card providers so that events can flow into the platform automatically, reducing manual effort and improving data completeness over time. The same governance framework that underpins shipzero's sustainable fuel Book & Claim solution applies here, extended to the specific evidentiary requirements of electric transport.

## Why shipzero?

shipzero is the industry-leading emissions intelligence platform for global supply chains, trusted by logistics service providers and cargo owners across all transport modes. Our Book & Claim infrastructure combines a validated carbon accounting backbone, direct integrations with charging networks, and long-term customer support on data quality, processes, and stakeholder expectations.

Thought-leading logistics service providers like Marken, Nagel-Group and Sovereign Speed already rely on shipzero's Book & Claim platform. BEV is the natural next step: built on the same validated foundation, extended for the realities of electric transport.

## Get started

Ready to structure your BEV emissions claims or want to know which documentation is required? Book a call with our team or download the full white paper to understand the commercial benefits of Book & Claim in depth.

Get in touch: [Book a call](#) | [Download the white paper](#)

