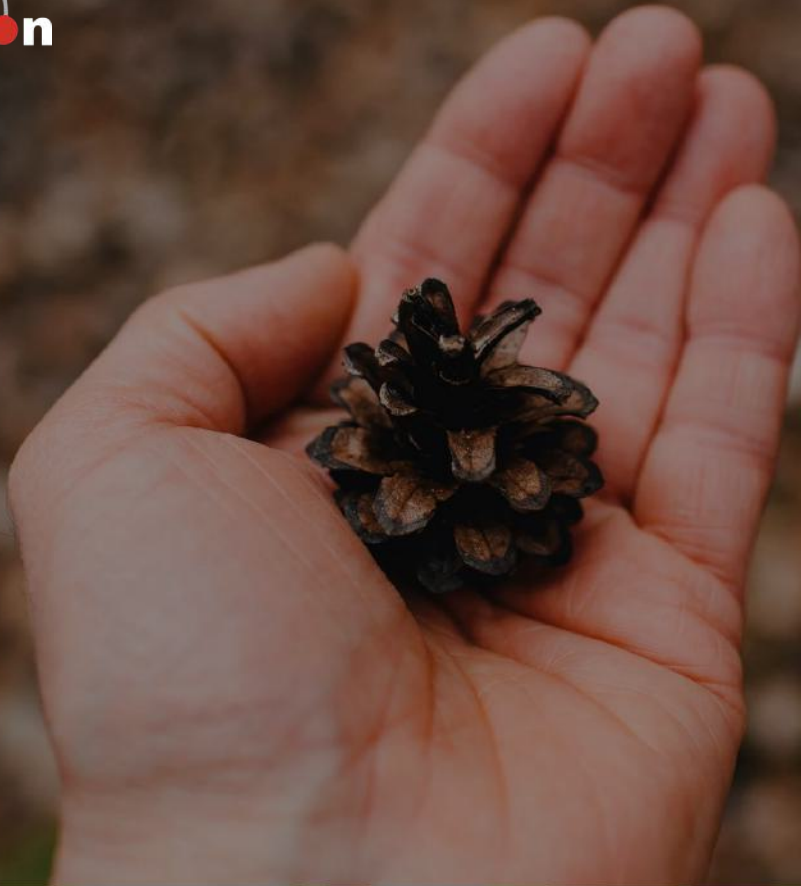


Practical Carbon Accounting for Logistics Providers

A Structured Approach to Compliance &
Scope 1, 2 & 3 Management



Turn Carbon Compliance Into Competitive Advantage

Logistics providers—including **carriers, 3PLs, and solution providers**—are increasingly required to track and report emissions across **fleets, warehouses, and subcontracted transport partners**. Many face challenges with fragmented data, regulatory reporting, and Scope 3 emissions from outsourced logistics. Atomiton helps simplify and automate this process by providing structured carbon accounting methods, automation of data processing, and expert guidance on regulatory compliance and disclosures.

Streamlined Carbon Accounting

Challenge: Logistics Carbon Accounting Is Complex & Costly

Logistics operations generate fragmented emissions data across owned, leased, and subcontracted fleets, warehouses, and transport modes. Traditional reporting relies on manual data collection from fuel records, shipment logs, and invoices, making it slow, labor-intensive, and prone to inconsistencies.

Our Approach



Emission Inventory – We map out all direct and indirect emission sources across transport (road, rail, air, maritime) and hub operations (warehouses, distribution centers).



Data Availability Review – We assess what data you have and what's missing, including internal records and potential data from subcontractors.



Carbon Accounting Methods – We determine the most appropriate calculation methods, balancing cost, accuracy, and feasibility (e.g., ton-mile-based vs. fuel-based approaches for transport emissions).



Data Standardization – We select or configure prebuilt data processing methods to standardize and automate data ingestion, transformation, and estimation (e.g., estimating refrigerant leaks from refrigerated transport).



Automation Setup – We configure all accounting methods and data processes on our platform, ensuring end-to-end automation



Data Ingestion – We integrate telematics, TMS, and fuel consumption data, as well as handle ad-hoc, unstructured inputs

Benefits

- ✓ 50%+ reduction in manual effort and reporting costs with an automated, repeatable process.
- ✓ Full compliance with major industry frameworks (GHG Protocol, GRI, SASB, SBTi, GLEC).
- ✓ Audit-ready from day one – transparent data traceability from raw input to final report.

Regulatory Compliance & Customer Carbon Disclosures

Growing Regulatory & Customer Disclosure Demands

New regulations like **SB 253** and **EU CSRD** mandate **Scope 1, 2, and 3** reporting for large companies, pushing logistics providers to disclose emissions data to customers. Many shippers and retailers now require emissions transparency, making it a key factor in supplier contracts

Our Approach

- ▶ **Regulatory Compliance** – We ensure compliance with SB 253, EU CSRD, CBAM, SECR, and other emerging climate regulations.
- ▶ **Customer Disclosure Review** – We assess the reporting scope, data format, and methodology requirements from your shippers and customers
- ▶ **Carbon Reporting Plan** – We develop a structured reporting plan that balances cost and accuracy, allowing for proxy data or estimates when direct data is impractical
- ▶ **Carbon Accounting Automation** – We configure the plan on our AI-powered platform, automating data ingestion, processing, and calculations
- ▶ **Report Validation** – Our expert team performs final data checks to ensure accuracy and completeness before submission
- ▶ **Customer Engagement Support** – We guide you in managing customer interactions and responding to emissions data requests.



Benefits

- ✓ Seamless compliance with SB 253, EU CSRD, UK SECR, and other regulations.
- ✓ Efficient customer response for RFPs, supplier sustainability audits, and Scope 3 requests.
- ✓ Accurate, traceable reports with full transparency from raw data to verified results.



Scope 3 Roadmap & Expert Implementation

Challenge: Scope 3 Emissions From Outsourced Logistics

Most logistics providers outsource significant portions of their transportation and warehousing, making **Scope 3 (Category 4 & 9)** emissions difficult to quantify. An exhaustive data collection effort across all partners is neither practical nor cost-effective, but failing to report emissions can create compliance risks and lost business opportunities.

Our Approach



Data Availability Assessment – We determine what internal data exists, what can be reasonably requested from partners, and whether data sources are standardized or fragmented



Disclosure Requirements Review – We analyze whether your Scope 3 data is used for internal reporting or requested by shippers, adjusting granularity and methodology accordingly



Scope 3 Roadmap – We develop a phased approach:

- Immediate compliance: Prioritize readily available internal data.
- Selective engagement: Work with key subcontractors who provide quality data or can contribute to emission reductions.
- Long-term strategy: Adapt methodologies over time, incorporating fleet fuel consumption and fuel mix insights to improve accuracy

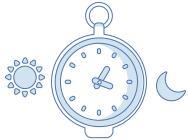


Data Standardization – We select or configure prebuilt data processing methods to standardize and automate data ingestion, transformation, and estimation (e.g., estimating refrigerant leaks from refrigerated transport).

Benefits

- ✓ Cost-effective Scope 3 reporting – prioritize available data first, then improve selectively.
- ✓ Practical compliance roadmap – balance accuracy, feasibility, and regulatory requirements.
- ✓ Strategic supplier engagement – focus on partners that can drive actual reductions.

Why Logistics Leaders Choose Atomiton



Fastest time to compliance – 2-week onboarding to reporting with advanced software automation.



Seamless integration – Connect with TMS, FMS, telematics, and enterprise carbon reporting platforms.



Transparent & auditable data – Full traceability to meet assurance and audit requirements



Specialized for logistics – Tailored carbon accounting schemes for LSPs, 3PLs, carriers, and multimodal providers.

[Contact Us to Learn More](#)