

How Better Data Impacts Emissions Reporting in an International Supply

Chain

Leveraging technology for transparency and action

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THE CHALLENGE OF LOGISTICS

EMISSIONS REPORTING

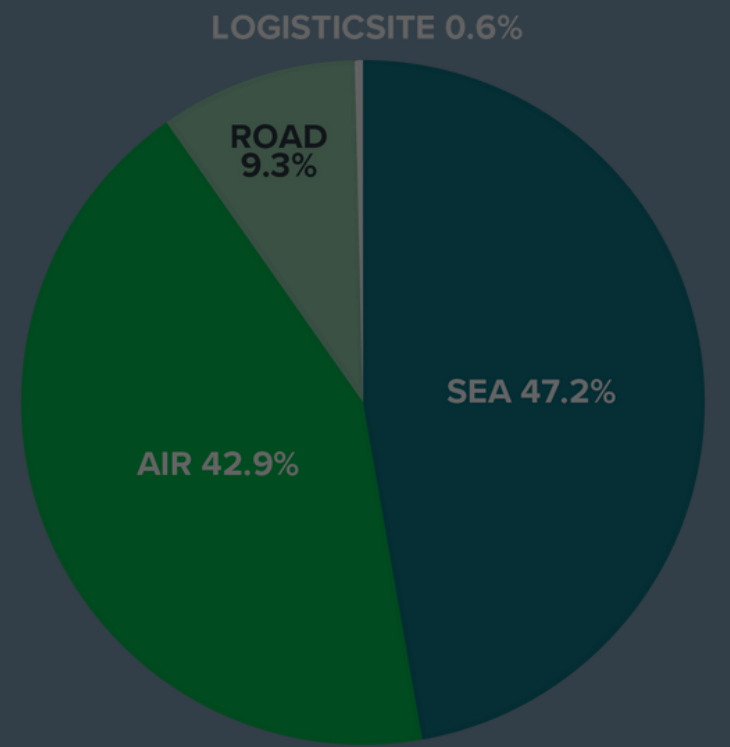
Growing need for accurate data

- Traditional high-level approaches to emissions reporting are outdated
- Many businesses struggle to determine where to start and how to accurately measure their logistics emission
- Access to primary emissions data remains limited
- Carbon literacy in the logistics sector is low, making accurate reporting even more challenging

THE ROLE OF BETTER DATA IN EMISSIONS REPORTING



CO2E (TONNES) WELL TO WAKE (WTW)



SUM TOTAL (WTW)

- SEA
- ROAD
- RAIL
- LOGISTICSITE
- ALL



KEY FACTORS THAT IMPROVE LOGISTICS EMISSIONS REPORTING



- Granularity – Tracking emissions at the consignment level
- Accuracy – Moving beyond industry averages for more precise data
- Methodology – Ensuring alignment with GLEC and ISO standards

CASE STUDY

LARK

DISTILLERY



LARK

zilch The future
of freight

INITIAL SITUATION



- Logistics Emissions were an area of focus and concern
- High level, spend based calculation method being applied
- Climate Active Certification
- No clear path to reductions

SOLUTION IMPLEMENTED



- Advanced emissions measurement using Laderen Metrics (software)
- Shift to granular, shipment-level calculations
- Leverage existing supply chain, transactional data
- Identify areas of impact

IMPACT AND RESULTS



- Achieved over a 60% reduction in emissions
- Enhanced Climate Active & Shareholder reporting accuracy
- Identified key impact areas and actionable steps
- Reduced costs by lowering the need for carbon credits

An aerial photograph of a winding asphalt road that curves through a dense, lush green forest. The road is the central focus, leading the eye from the bottom center towards the top of the frame. The trees are tall and packed closely together, creating a rich texture of green. The lighting is bright, suggesting a sunny day, with some highlights on the road surface and the tops of the trees.

**ARE YOU CONFIDENT IN YOUR LOGISTICS
EMISSIONS NUMBERS?**

Reach out to learn more

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