

CARBON TRACKING SOLUTION

Optchain Carbon Tracking is a solution for accurate carbon accounting and regulatory compliance. It measures, tracks and reports Scope 1, 2, and 3 greenhouse gas (GHG) emissions across both organizational and product levels, supporting your sustainability goals, including 'Net Zero' and 'Science-Based Targets initiative' (SBTi) objectives.

Built on a powerful traceability platform, the Optchain Carbon Tracking module ensures adherence to Partnership for Carbon Transparency (PACT) standards and maximizes primary data utilization through automated data capture.



KEY FEATURES AND DIFFERENTIATORS

Corporate Carbon Footprint (Scope 1, 2, and 3) Data Collection and Calculation

Track carbon emissions from direct operations (Scope 1), purchased energy (Scope 2), and the entire value chain (Scope 3) according to the GHG Protocol. This ensures alignment with global standards and supports regulatory compliance.

Product Carbon Footprint Calculation Using Primary Data

Accurately calculate your product's carbon footprint using primary data to gain a precise view of total emissions across its lifecycle according to ISO Standards. This enables informed decision-making and enhances transparency.

Automated Supplier Engagement and Data Collection Across Multiple Tiers

Save time and reduce errors by automating the complex process of gathering carbon data from suppliers at every level of your supply chain.

Granular Carbon calculation and tracking down to Physical Product/Material/Lot

Gain complete visibility and control over your entire supply chain's carbon footprint, from raw materials to the finished product, ensuring traceability and accountability.

Flexible Data Capture and Integration with Files, APIs, and Leading ERP Systems

Seamlessly incorporate carbon tracking into your existing workflows, enhancing efficiency without the need for disruptive changes to your systems.

Dynamic Supply Chain Mapping Tools with continuous Alerts and Reporting

Stay ahead of potential issues with continuous updates and insights, allowing for proactive management of your supply chain's environmental impact.

Integrated Reporting for Energy Consumption and Water Usage

Get a holistic view of your environmental footprint by tracking carbon, energy and water usage, all within the same platform.

Compliant with Major Reporting Frameworks and Regulations

Ensure your compliance with current and future regulations, and streamline your reporting process with a solution designed to meet the highest standards. * (CDP, GRI, SASB, TCFD, CBAM, CSDDD, and CSRD)

Verified data through Optchain Third Party Certification Network

Gain credibility and trust with verified carbon data, ensuring that your environmental claims are accurate, transparent, and recognized by industry standards.



CARBON TRACKING

AVAILABLE SAAS LICENSES

Standards and
Certifications



SILVER

- Organizational Carbon Footprint Scope 1, 2 and 3
- Product Carbon Footprint (Up to 5 products)
- Basic Manual Reporting

GOLD

- Organizational Carbon Footprint Scope 1, 2 and 3
- Product Carbon Footprint (Up to 25 products)
- Automated Supplier Engagement and Data Collection
- Basic Manual Reporting
- Scenario Analysis
- PACT Compliant

PLATINUM

- Organizational Carbon Footprint Scope 1, 2 and 3
- Product Carbon Footprint (Up to 50 products)
- Automated Supplier Engagement and Data Collection
- Pre-Built Template Reporting
- Scenario Analysis
- PACT Compliant

ENTERPRISE

- Organizational Carbon Footprint Scope 1, 2 and 3
- Product Carbon Footprint (Up to 100 products)
- Automated Supplier Engagement and Data Collection
- Pre-Built Template Reporting
- Scenario Analysis
- PACT Compliant



TRACEABILITY TECHNOLOGIES
FOR A BETTER WORLD

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