



How can we close the gap between ambition and action in decarbonization?

EY OpsChain Environmental, Social and Governance (ESG)

The better the question. The better the answer. The better the world works.

Use Case – EY OpsChain ESG

Organizations struggle to measure their carbon footprint accurately. Developed on public decentralized blockchain technology, EY OpsChain ESG provides a single, verifiable view of CO2 emissions (CO2e). Built to the standards of Interwork Alliance (in progress) for Carbon Emissions Tokens, using external key emission data verifiers, it provides immutable reporting on an organization’s current CO2 emissions.

Your business needs

Transparency in sustainability practices is now table stakes for consumers, business partners and regulators. Current and consistent data sharing is needed to inform your supply chain networks for existing and forecasted inventory. Without a data record, organizations face:

- ▶ Highly manual efforts and reconciliation
- ▶ Overspend on outsourced activities that could be kept in-house
- ▶ Data exposure to third parties

Your specific challenges

Many organizations struggle to accurately measure and track their carbon footprint. Why? Global transparency standards are still evolving, and real-time data collection and reporting is often manual and from siloed sources.

How the solution can help

EY OpsChain ESG gives consumers, business partners and regulators the transparency they demand in ways that create lasting business value. EY OpsChain ESG provides a trusted platform for emissions and carbon credit traceability within an ecosystem through the use of tokenization.

Potential business benefits

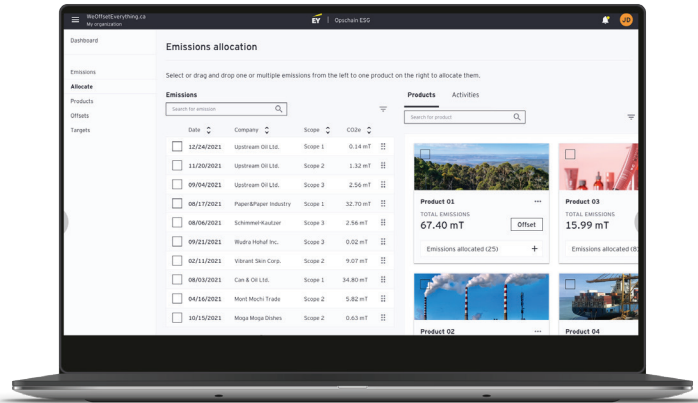
EYOpsChain ESG enhances emission transparency across the entire value chain and helps deliver on environmental commitments through:

- ▶ Increased transparency
- ▶ Clearer understanding of an organization’s CO2e position
- ▶ Better informed decisions to help decarbonize value chains

Solution features and functionality

Detailed traceability allows for tracking of emissions inventory through tokenization and a better understanding of the impact of value chains in terms of carbon emissions.

By using carbon credit tokens, either created or sourced on the market, companies can have real-time visibility into both their stocks and their actions toward a net-zero impact. Tokenizing products' emissions enables enhanced tracking and traceability throughout.



Why EY

Across the globe, EY teams are recognized as a technology leader in blockchain with a practice of more than 1,000 blockchain professionals and our technology portfolio built for the enterprise. EY OpsChain ESG is an extension of a well established portfolio that was first launched in 2018.

EY teams have delivered key blockchain engagements and production solutions around the globe:

- ▶ One software-as-a-service infrastructure: blockchain.ey.com
- ▶ Range of consulting capabilities that provide support and guidance needed to drive results in terms of better brand equity, business revenue and operational performance to enable transformational excellence.

Continuing the conversation

If you would like to learn more about EY OpsChain ESG, please contact:



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Enabled by data and technology, diverse EY teams in over 150 countries provide trust through assurance and help clients grow, transform and operate.

Working across assurance, consulting, law, strategy, tax and transactions, EY teams ask better questions to find new answers for the complex issues facing our world today.

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