

Transportation Manufacturing

This sub-sector includes automotive, aerospace, rail, and shipbuilding industries. Transportation manufacturing is a major emitter due to material production (steel, aluminum), energy-intensive assembly lines, and reliance on fossil-fuel-powered transport.



Key Challenges

- High Scope 3 emissions from supply chains and vehicle lifecycle impacts
- Transitioning to electric vehicle (EV) and hydrogen fuel technologies
- Sustainable material sourcing and circular economy adoption



Greenly's Role

Lifecycle Carbon Analysis
Tracks emissions across vehicle production and use phases.

-20% production emissions
A leading EV manufacturer reduced production emissions by 20% through optimized material sourcing.

Supplier Engagement Platform
Enables emissions reduction across supply chains.

Manufacturing a Greener Future Starts Here

The manufacturing industry is a major driver of global emissions—but with the right strategies, businesses can reduce their carbon footprint while staying competitive.

- Explore sustainability challenges across transportation, chemicals, and heavy machinery.**
- Learn how Greenly's automated carbon tracking and compliance support can streamline your decarbonization journey.**
- See real-world case studies of manufacturers achieving emissions reductions and cost savings.**

Ready to transform your operations for a low-carbon future?

[Read the full guide now](#)

