

Project Title: Sustainable Supply Chain Carbon Tracker

Project Overview:

The Sustainable Supply Chain Carbon Tracker is a tool that helps PSA and its partners measure, monitor, and reduce carbon emissions across their intermodal logistics operations. The system tracks emissions from air, sea, road, and rail transport, offering data-driven insights to optimize routes, reduce fuel consumption, and improve overall efficiency. The tool also allows users to set sustainability goals and visualize progress toward reducing their carbon footprint.

Key Features:

- **Emission Tracking:** Monitor and calculate CO2 emissions across different transport modes, including ocean, air, road, and rail.
- **Route Optimization:** Suggest the most energy-efficient routes and modes of transport, reducing emissions and fuel costs.
- **Sustainability Goals:** Set and track progress toward carbon reduction goals, with real-time analytics and dashboards.
- **Compliance Reporting:** Generate sustainability reports in line with ESG (Environmental, Social, Governance) guidelines and industry standards.

Project Goals:

- Enable PSA and its partners to reduce carbon emissions and meet sustainability targets.
- Provide actionable insights to optimize routes and improve supply chain efficiency.
- Help organizations comply with environmental regulations and meet ESG standards.