

How to Leverage AI to Make Green Decisions in Shipping



At a Glance

ShipAngel, a platform for Fortune 500 shippers and co, integrates Searoutes' superior CO₂ and routing APIs to power AI-driven booking decisions. The partnership delivers 10x better API performance and enables customers to achieve 15% CO₂ emission reductions while maintaining competitive rates.

Why Searoutes?

“Searoutes data continued to evolve much faster than the competition. And so it allowed our customers to get access to it.

Graham Parker

CEO, ShipAngel

Which Searoutes' Data?



Routing



Search



Geocoding



emissions

Challenges

ShipAngel needed accurate, granular CO₂ emissions data to help Fortune 500 shippers make sustainable decisions. Legacy vendors provided outdated, generic data that couldn't adapt to route changes like the Red Sea crisis. 98% accuracy requirements demanded a superior data partner.

Solutions

ShipAngel integrated Searoutes' CO₂ emissions and coordinates APIs into their AI-powered platform. Their MADI super agent uses Searoutes data to recommend optimal carriers, enabling customers to compare fastest, cheapest, and greenest options in real-time for every booking decision across global trade lanes.

Benefits

- ✓ **Superior data Accuracy** - 98% accuracy rate vs competitors, with vessel-specific CO₂ numbers that adapt to real-world route changes like Red Sea diversions for reliable decisions.
- ✓ **10X better API performance** - Integration was 5x easier than alternatives with 10x better performance, enabling seamless real-time data access for AI agents and booking platform.
- ✓ **Measurable Customer Impact** - Customers achieve 15% CO₂ emission reductions by making data-driven carrier selections when rates and transit times are comparable across options.



searoutes



contact@searoutes.com



www.searoutes.com