How to Leverage AI to Make Green Decisions in Shipping

ship angel

At a Glance

ShipAngel, a Fortune 500 shipper platform, integrates Searoutes' superior CO_2 and routing APIs to power AI-driven booking decisions. The partnership delivers 10x better API performance and enables customers to achieve 15% CO_2 emission reductions while maintaining competitive rates.

Why Searoutes?

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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**

🌱 **CO₂ emissions**

Challenges

ShipAngel needed accurate, granular CO_2 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 Legacy vendors provided outdated, generic data that couldn't adapt to route changes like the Red Sea crisis. 98% accuracy requirements demanded a superior data partner.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

hipAngel integrated Searoutes' CO_2 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

✓ **Superrior data Accuracy** - 98% accuracy rate vs competitors, with vessel-specific CO_2 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% CO_2 emission reductions by making data-driven carrier selections when rates and transit times are comparable across options.

searoutes

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