

How to save hours on labour intensive CO₂ data crunching



Global starch-based ingredients leader Roquette leverages Searoutes' API for accurate emissions tracking and supply chain decarbonisation. This enabled FRET21 certification whilst supporting 25% carbon footprint reduction by 2030 under SBTi.

WHY SEAROUTES

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With Searoutes' API, we've taken control of our emissions data. We now generate accurate, auditable figures in real-time, integrated directly into our internal dashboards.

Vincent Gelernter

Head of global transportation and global trade, Roquette

Challenges

Roquette faced inefficient Excel-based emissions reporting taking weeks to months, lacked data ownership, struggled with inconsistent calculation assumptions, and needed scalable, auditable solutions to meet CSR reporting and FRET21 certification requirements.

Solutions

Roquette transitioned to Searoutes' CO₂ emission calculation API with automated integration requiring no manual intervention, incorporated Searoutes' accurate carbon emission calculations into internal dashboards, and developed decision-making tools to simulate carbon impact scenarios.

Benefits

- ✓ **Time saving - error free**
Transitioned from weeks-long Excel processes to real-time API integration, ensuring full accountability and transparency.
- ✓ **Regulatory Compliance**
Achieved FRET21 certification through auditable, GLEC and ISO 14083-certified emissions data meeting highest standards.
- ✓ **Strategic Decision-Making**
Enabled the development of simulation tools to evaluate modal shifts, HVO impact, and rail-road combinations for optimal cost-emission balance.

SEAROUTES PRODUCTS USED

Geocoding

Search

CO₂ emissions