



Kovix improves route efficiency by 20% with HERE and AWS



How Kovix improved municipal recycling in Argentina using services from HERE Technologies and AWS. This project helped Kovix migrate their routing algorithm to a more scalable and more effective one.

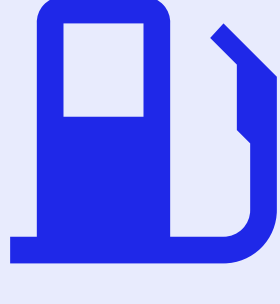
Industry: Logistics, Recycling
Region: Argentina, Latin America
HERE products used: HERE Tour Planning, HERE Routing, HERE Geocoding & Search, HERE Map Rendering, HERE Positioning

AWS services used:
Amazon Elastic Compute Cloud (Amazon EC2), Amazon Simple Storage Service (Amazon S3), Amazon Relational Database Service (RDS), Elastic Load Balancing (ELB)

Key results



20%
decrease
in route times



17%
reduction
in fuel costs



3x
increase in waypoint
processing capacity

Kovix needed

To optimize complex, high-volume recycling routes

As municipal recycling providers expanded services across Argentina, they relied on Kovix, a supply chain software company, to optimize increasingly complex routes with hundreds of waypoints and tight deadlines.

Kovix's previous routing algorithm lacked the scalability needed for high volume operations, especially in dense urban areas with complex road networks and municipal constraints.

“Traditional routing systems often focus on smaller-scale operations and can’t handle the complexity of hundreds of stops per route,” said Max Sucari, Head of Marketing at Kovix.

The status quo risked delays and higher costs. To maintain performance and meet its sustainability goals, Kovix required a scalable, highperformance routing solution that could deliver immediate results.

“We needed a solution that could quickly move to production without investing months developing our own algorithm from scratch.”

Max Sucari
Head of Marketing at Kovix.

Why HERE & AWS?

Scalability

Optimizes complex routes with hundreds of waypoints, growing with business needs.

Seamless integration

Developer-friendly APIs enable fast deployment without custom development.

Fast results

Cuts fuel consumption and emissions through smarter route planning.

“The transition to HERE was remarkably smooth. The API simplicity enabled us to quickly integrate it with our system, which allowed us to deliver value in a very short time.”

Max Sucari,
Head of Marketing at Kovix

HERE delivered

Enterprise-grade, scalable route optimization

Kovix evaluated multiple routing solutions, including Google Maps API and Mapbox, but found they couldn’t handle the required volume of waypoints at a competitive price point.

To meet its needs, Kovix partnered with HERE and AWS to optimize high-volume routes with HERE Tour Planning, factoring in real-world constraints like urban traffic patterns, specific collection points and various municipal schedules.

By deploying HERE Tour Planning on AWS, Kovix gained a scalable, high performance solution with the computing power for large-scale routing, easy access to routing data for analytics, and efficient data handling to ensure reliability and future optimization.

With HERE and AWS, Kovix can optimize routes dynamically, which improves arrival time accuracy and increases trust with its municipal customers. The solution's scalability allows Kovix customers to expand their services to new cities without compromising efficiency.

Kovix gained

Faster routes, lower costs and sustainable growth

Using HERE Tour Planning on AWS, Kovix significantly improved operational efficiency for its customers by reducing their route times by 20 percent, cutting average trip durations from 92 to 77 minutes.

Fuel costs dropped by 17 percent, lowering operational costs of municipal waste management and supporting Kovix's sustainability goals. The enhanced routing capabilities allowed Kovix to process three times more waypoints than before, without delays or disruptions.

These improvements enabled Kovix's municipal customers to expand operations while keeping route times and costs under control. As a result, they successfully collected and processed more than 60 tons of recycled waste, demonstrating the real-world impact of optimized route planning and paving the way for similar solutions across Latin America.



Want to follow in Kovix’s footsteps?

Get in touch →

About Kovix

Kovix is a supply chain software company specializing in custom digital transformation solutions for logistics and retail industries. Based in Argentina, Kovix helps businesses optimize transportation, warehousing and distribution operations, developing enterprise-grade systems that streamline operations, reduce costs and improve efficiency across Latin America and beyond.

About HERE Technologies

HERE is the global leader in mapping and location technology. For 40 years, we’ve been powering innovation for the world’s most recognizable companies: from launching our first digital map in 1985, to shaping the future of software-defined vehicles today. With the industry’s freshest and richest unified map and a portfolio of products, services and solutions that serve the needs of multiple industries, HERE reveals opportunities that drive progress and unlock new possibilities for every moving vehicle. Discover more at here.com.

About our partnership with AWS

HERE Technologies and AWS are combining the strength of location technology with leading cloud and IT services to address location-related challenges in the supply chain and logistics industry worldwide. Together, HERE and AWS power leading transportation and logistics applications, boosting shipment and asset visibility, optimizing first to last mile deliveries and creating next-generation supply chain solutions.

