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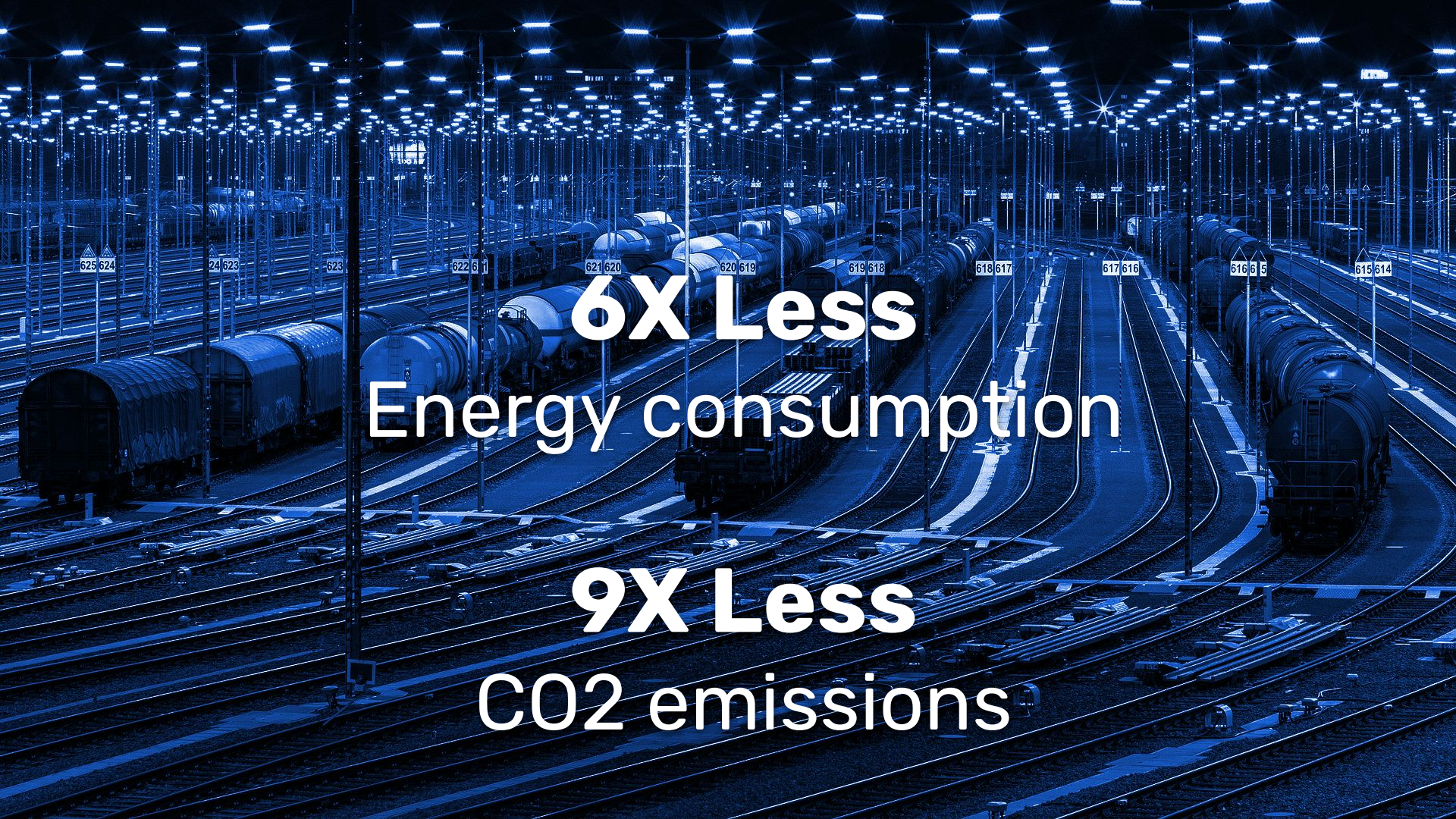
Rail, AI, and the Future of Steel Logistics

A Journey We Must Take

Green Steel WORLD Conference 2025

Steel is a rail champion…

25% of goods moved by rail in the EU are metals & ores


6X Less
Energy consumption
9X Less
CO2 emissions

...but still stuck

- Transport is key: costs amount to 15% of turnover
- Still heavily road-reliant
- Data sits in silos

The real paradox

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It's

2025

the Gen-AI era is in full swing...

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What if Logistics wasn't just a cost center?

...but a land of opportunities!

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12%

of trains are cancelled.

20%

of trains are not filled to capacity.

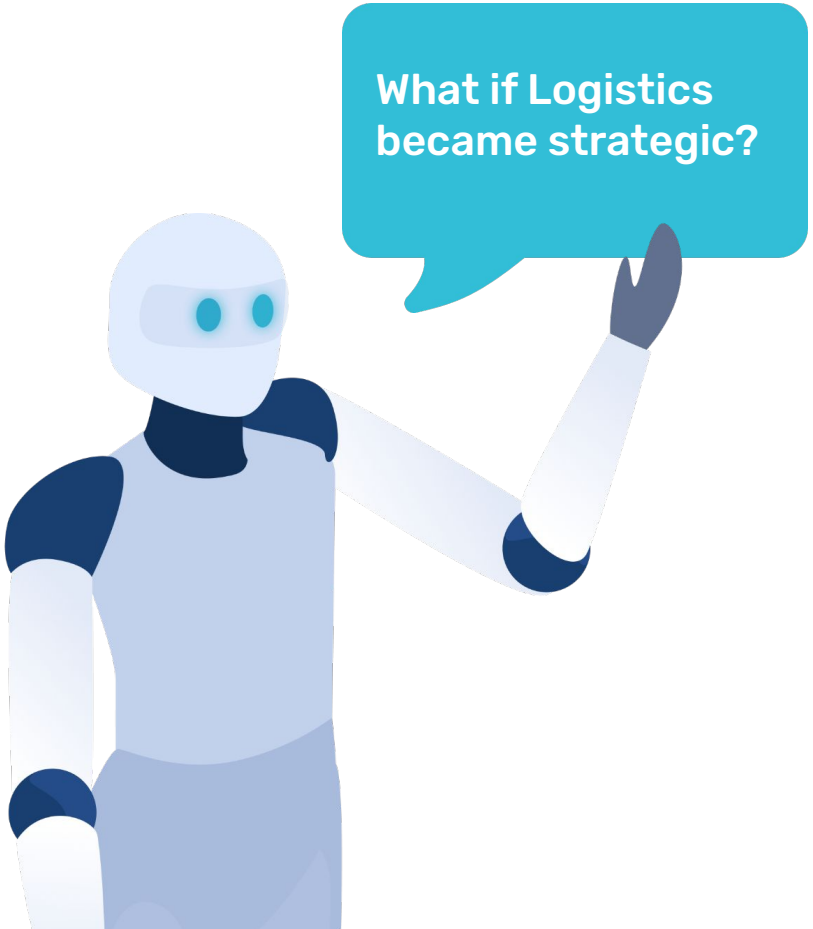
29%

of trains arrive late.

57%

of the time wagons are immobilized.

Based on our European industry data
for single wagons / groups / block train



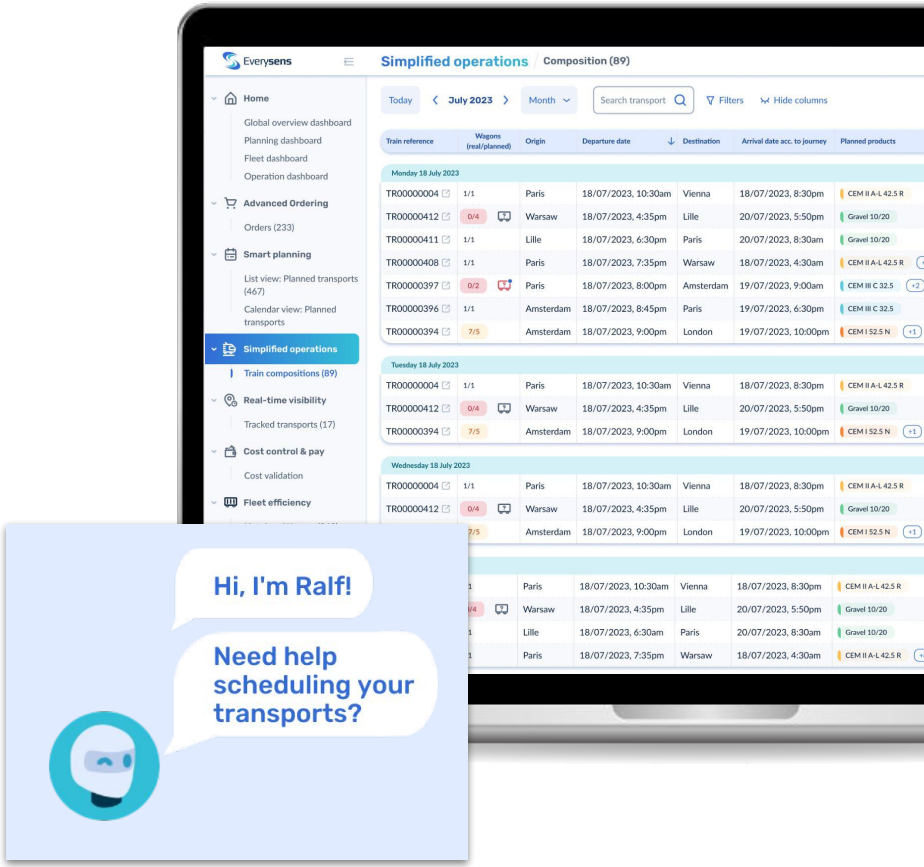
- **Rail**: greener, cheaper, underused
- **AI**: fiction becomes function
- **Supply chain** = competitive edge

What is holding shippers back

Everysens' TVMS: AI-powered, rail-native logistics

90% | Proportion of automatically scheduled transports

-40% | Reduction in rail scheduling time



From gut feeling to data-driven freight

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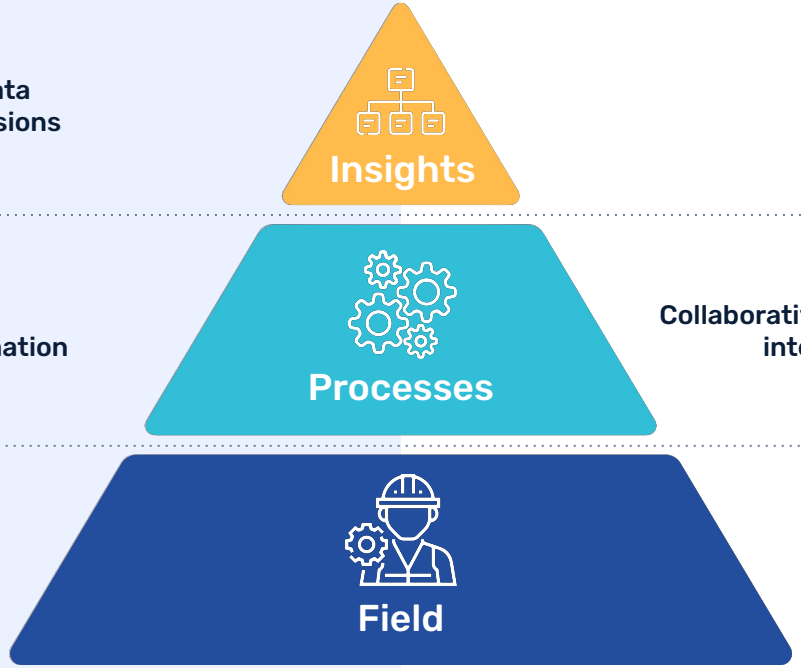
Users	Pain	Everysens SaaS approach
Country Directors & Management	No reliable data to make decisions	Data-Driven Decision-Making
Logistics & Procurement Teams	Manual tasks Siloed Information	Collaborative Transport Solution with both internal and external stakeholders
Operational Team	No real-time data	Real-time Digital Twin (IoT, Document, Transaction data from the field)



How AI makes rail work smarter

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Predictive Intelligence

Learns from historical + live data
Predicts ETA with high precision

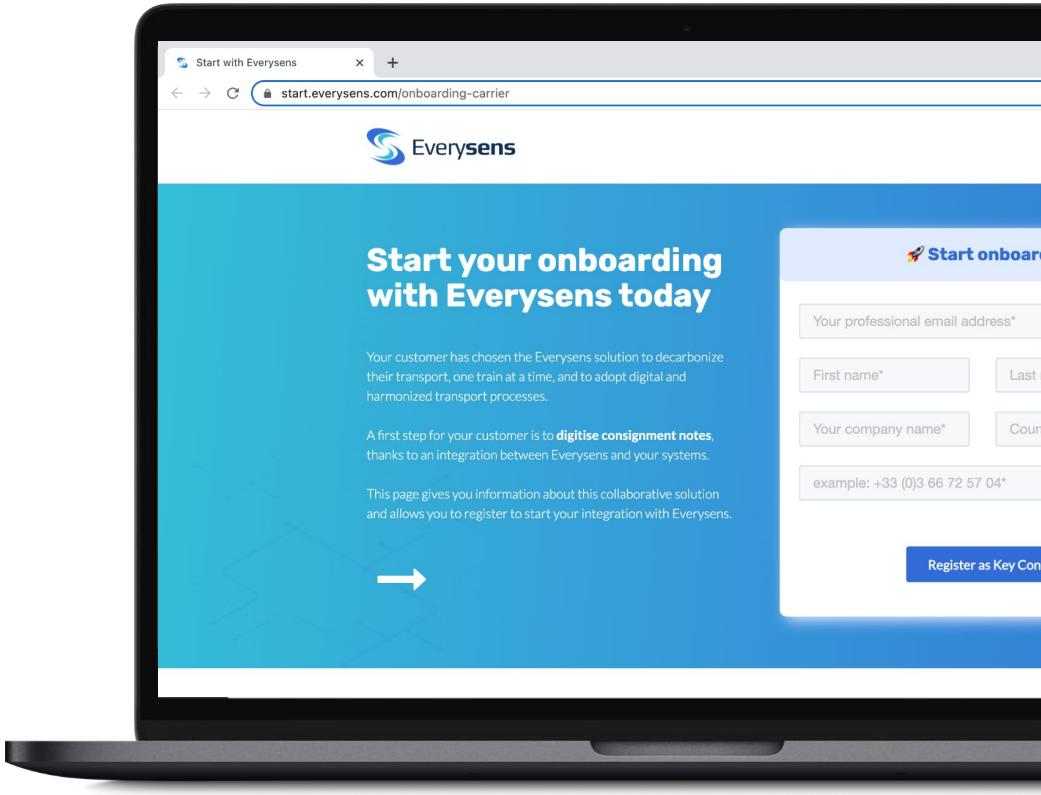
Dynamic Optimization

Spots underuse & shows better plans
Displays fleet issues in real-time
Updates rolling stock on the go

Decision Support

You stay in control
AI flags disruptions, proposes best actions

Ready for onboarding?



Our Customers say it better

“At first, I was quite skeptical on the benefits of tracking my assets. However after implementing Everysens’ solution, I am now convinced of the benefits I can generate. For example, it allows us to pilot our international transportation plan seamlessly and give our clients a higher quality of service.”

Head of Multimodal Logistics, Steel Producer

E2E control tower for rail logistics

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Collaborate with all rail transport stakeholders

Transport Planners, Plants, Customers & Service Providers (RU/FF)

TVMS - Transport Visibility & Management System

Integration Hub

... with ERP, OMS, TMS and WMS, maintenance and loading systems, wagon databases

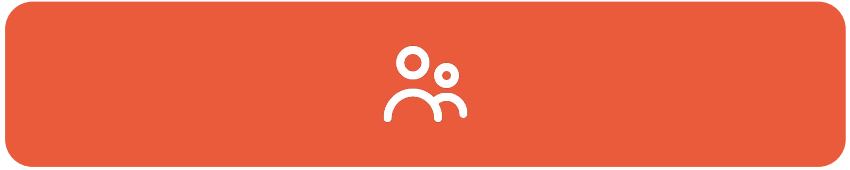
ADVANCED ORDERING	SMART PLANNING	SIMPLIFIED OPERATIONS	REAL-TIME VISIBILITY	COST CONTROL & PAY
Centralize and monitor your orders	Plan your transports dynamically	Easily dispatch your transports from one tool	Monitor your transports and your ETA in real-time	Manage your actual vs planned budget spend

Fleet Efficiency	Optimize your fleet availability
Insights 360°	Analyze the performance of all your rail operations
Doc Vault	Centralize all your documents in your Rail Safe
Carbon Watch	Calculate and track your CO2 emissions

If we don’t move forward…

Carbon taxes increase
Financial burden grows

Green Premiums vanish
Competitive advantage lost



Talent looks elsewhere
Purpose-driven, digital native workforce leaves

The steel of the future is freight-savvy

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Low-carbon

Hyper-visible

Rail backbone

Self-optimizing

What you win when you transform

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		Client - Petrochemicals		Client - Agrifood		Client - Petrochemicals	
Business Case	Estimated gains and savings	Cost of wagons fleet	3%	Cost of transport	3%	Cost of wagons fleet	20%
		Increase in team productivity	10%	Reduction in penalties	5%	Replace their logistics service provider	€100,000
		Increase in revenue	*+1 train sent per month*	Increase in team productivity	5%	Increase share of rail (modal shift)	10%
ROI	ROI (contract)	€5,357,400		€446,859		€880,667	
	ROI ratio	**5X**		**4X**		**5X**	

Transformation isn't just survival - it's your competitive advantage.

Join the Movement - Scaling transformation across Europe

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The Everysens RailTech Community is a hub for rail digitization pioneers at a European level. Supply Chain VPs, Planners, Directors, Category Specialists interact & share insights to drive innovation and performance across the rail industry.

Best Practices

- → Get & Share specific concrete ROI insights to increase your performance
- → Consult with Experts to obtain tailor-made recommendations

Networking

- → Join a landmark event every year with high level speakers shaping the industry
- → Meet Users who are mature in their project implementation at User Groups

Recognitions

- → Win a RailTech Award depending on your project maturity (Start, Scale, Grow)
- → Value your efforts with CO2 certified labels

Some Speakers & Winners from last year:

Chris Swan - *Head of Rail*
Tarmac CRH Group

Margaux Lalanne, *Supply Chain Manager*
Saarstahl Rail

Marijke Vrins, *Global Logistics Mgr*
Borealis

Damien Roussel, *Group Digital Supply Mgr*
Arkema

Philippe Labbé, *Logistics Director*
Heidelberg Materials France

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Let’s move Steel smarter together!

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