



# How does the TVMS support the Steel industry in building a sustainable supply chain?

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A guide to digitising rail freight  
for Steel professionals

In the realm of sustainable industries, steel stands as a foundational pillar for driving the green transformation of economies worldwide. From the construction of rail tracks to the towering presence of wind turbines and the growth of electric cars, steel plays an omnipresent role. In this journey towards a greener future, efficient transportation of steel products emerges as a critical component.

Rail freight, often overlooked, emerges as a hero in the circular value chain of steel. Despite its numerous benefits, misconceptions still linger, hindering its full embrace. Let's delve into how the TVMS, Everysens' TMS with real-time visibility for rail transport, addresses these challenges and propels the steel industry towards a more sustainable future, aligned with scope 3 objectives.



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## Real-time tracking revolutionises rail transport

For industrial shippers in the steel industry, dependency on national railway undertakings poses significant challenges. With alternatives to the national railway undertakers coming with increased costs and risks, shippers are facing a dilemma. Access to real-time data on tracking and transport performance remains elusive, often limited to infrequent updates provided by railway undertakers. This lack of transparency can have dire consequences, especially for sensitive steel products whose delivery parameters are stringent. However, with the TVMS, a paradigm shift occurs.

The TVMS provides a centralised, real-time tracking system, empowering shippers with primary data on rail transport. Leveraging various data sources (GPS, TOPS, railway undertakers and wagon lessors' data...) and technologies, the TVMS offers live and reliable ETA, ensuring transparency and accountability throughout the journey. By tracking wagons and cargo, the TVMS enables proactive incident management, safeguarding the integrity of sensitive shipments.

For steel shippers, the TVMS isn't just a tool; it's a game-changer, offering unprecedented visibility and control over rail operations.

## Enhancing operational flexibility with the TVMS

In the dynamic landscape of steel transportation, operational flexibility is paramount. Shippers often grapple with last-minute changes in volume or quantity, necessitating agile transport arrangements. High-value steel products like steel coils, identifiable by unique numbers, demand meticulous tracking and protection. Moreover, regular routes require meticulous planning to ensure seamless operations. Here, the TVMS steps in to streamline operations and enhance flexibility.

With the TVMS, shippers can adapt transport plans close to departure, accommodating last-minute changes effortlessly. The system enables individual product tracking, ensuring security and accountability throughout the supply chain. Long-term planning for regular routes can be done in a few clicks thanks to the TVMS's capability in terms of capacity planning powered by artificial intelligence. By optimising fleet management and enhancing operational flexibility, the TVMS empowers steel shippers to navigate the complexities of modern logistics with ease.

## Transparency and efficiency redefined

Transparency and efficiency are the cornerstones of sustainable logistics in the steel industry. Access to real-time data remains a challenge, hindering effective fleet management and performance monitoring. With increasing pressure to reduce carbon emissions, steel shippers seek transparency and accountability across the supply chain. Here, the TVMS emerges as a catalyst for change.

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By centralising real-time data on rail transport, the TVMS provides shippers with unparalleled transparency and control. The system offers comprehensive KPIs on executed transports and overall performance, enabling shippers to demonstrate their commitment to sustainability. Moreover, the TVMS's real-time transport and wagon tracking optimises fleet management by notifying logistics teams of incidents, planned maintenance and taking into account wagons currently ongoing maintenance when composing a transport. With the TVMS, steel shippers can unlock new levels of efficiency, transparency, and sustainability in their logistics operations.

## A sustainable future with Everysens' TVMS

In the pursuit of a sustainable future, the steel industry must embrace innovative solutions that enhance efficiency and reduce environmental impact. The TVMS, Everysens' pioneering Transport Visibility & Management System, offers a transformative solution for steel shippers. By providing real-time tracking, operational flexibility, and transparency, the TVMS empowers shippers to navigate the complexities of rail logistics with confidence. As industries transition towards greener practices, the TVMS stands as a beacon of sustainability, driving efficiency, transparency, and accountability across the steel supply chain.

*Talk to one of our experts to start digitising your rail freight operations.*



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