

# Whitepaper **Multimodal logistics solutions**

**WE  
ARE  
RAILCORE**

**MULTIMODAL  
LOGISTICS**

## Introduction

In a globalised economy, the efficiency and seamless integration of transport services are crucial to the success of companies.

The strength of Rail Cargo Group lies in the optimal combination and utilisation of the advantages of different modes of transport – whether by rail, road or ship. We offer our customers tailor-made solutions for transport in containers, special containers, bodies and trailers as well as trucks for the first and last mile.

We develop efficient end-to-end logistics solutions for large, medium and small companies in a wide range of industries, with or without a connecting rail siding – from the first mile to the last.

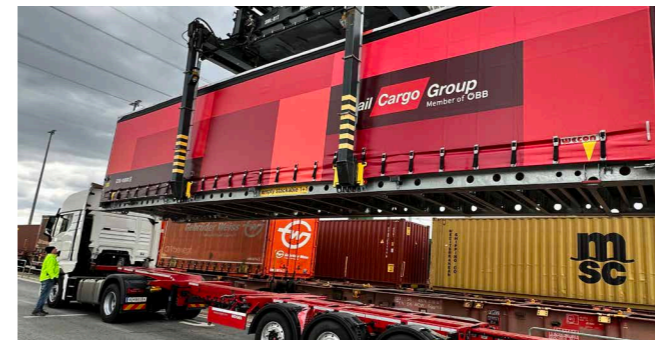
This whitepaper provides a comprehensive overview of Rail Cargo Group’s multimodal logistics solutions (MML for short), which optimise the transport of goods across different modes of transport.

As Europe’s leading rail logistics provider, we focus on sustainable rail as a central element of our services and are shaping the transport of the future.

Welcome to the world of efficient and interconnected freight transport.

## Intermodal vs. Multimodal

We speak of intermodal transport when an “intermodal loading unit” is transported, e.g. containers, swap bodies or (craneable) trailers. As an intermodal operator, we primarily offer freight forwarders high-frequency TransFER connections between economic centres or ports, which in turn organise first and last mile by road and/or ship. The transported goods remain in the intermodal loading unit.

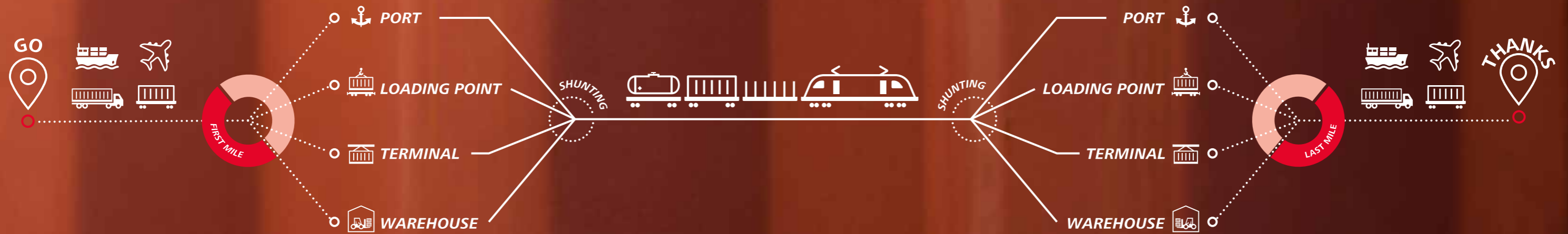


In our multimodal transports, we transport goods for our customers as a rail logistics provider using two or more modes of transport door-to-door – usually by truck on the first and last mile directly from the point of collection to the point of delivery. We either use intermodal loading units or transfer goods between trucks and freight wagons.

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*„Benefit from the greatest strengths of different modes of transport. We will find the right solution for any transport – from the first mile to the last.“*



# END-TO-END LOGISTICS

## Optimal Combination: Use of Different Modes of Transport

Rail freight is ideal for (international) long-distance transport. Combined with other modes of transport, depending on geographical location and infrastructure, we increase the efficiency of the entire transport route.

In our multimodal services, rail is the primary mode of transport before the goods are transferred to road, for example for delivery to or collection from the end customer.

The focus is always on the growing customer demand for economic, reliable and sustainable transport solutions – including first and last mile.

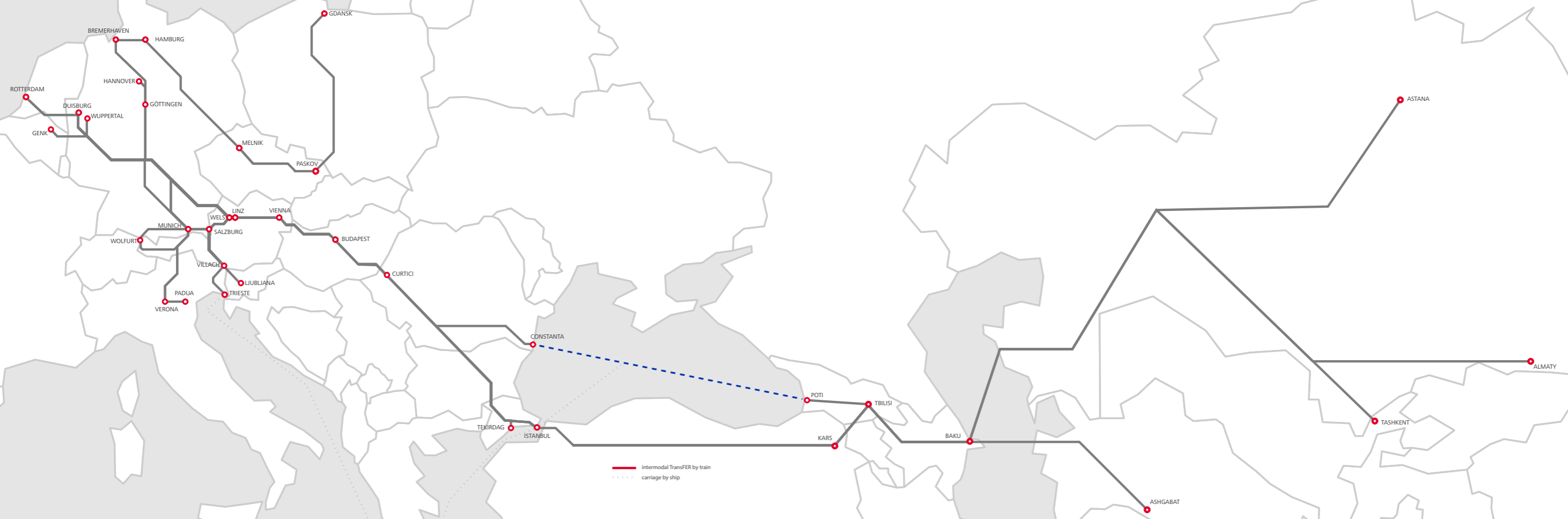
Across Europe to Central Asia and back.

### Your Benefits at a Glance

- Single-source multimodal logistics – a single point of contact for all your transport needs
- End-to-end logistics solutions for a wide range of industries
- Access to locations without direct sidings
- Provision of international transport including first and last mile
- Complete supply chain management including additional forwarding services
- Ongoing quality control and monitoring

*„With or without a connecting siding – we collect the goods directly from the customer, transport them the long distance by rail in a sustainable and environmentally friendly way and deliver them directly to the customer.“*





## Proven Methods: Multimodal Logistics

We offer multimodal transport solutions for all types of goods via two routes in Central Europe. The east-north connection runs between Germany, Austria, Hungary, Italy, Slovenia, the Czech Republic, Slovakia and Poland, while the north-south connection runs between Germany, Austria, Hungary, Italy and Slovenia.

We also offer direct connections from Bratislava and Budapest to and from the freight terminal in Istanbul (Halkali) with antenna connections to the whole of

Europe. Our connections to Turkey also enable goods to be transported overland to the CIS countries and vice versa.

We operate our TransFER connections with regular departures according to a fixed timetable and with attractive transit times and optional transshipment options, regardless of whether or not your company location has a siding.

## Shaping the Future: Digital Multimodal Logistics

Our multimodal logistics solutions include not only traditional direct sales, but also digital platforms – because we want to be where our customers are.

We are the first rail logistics provider to be represented on the globally established transport

management platform Transporeon with pilot projects on several routes.

Secure your place in the innovative pilot project and become part of the future of intermodal and multimodal transport: [railcargo.com/transporeon](https://railcargo.com/transporeon).

### Your Benefits at a Glance

- Effortless Transport Booking: Request, book and execute rail and multimodal transports via the Transporeon platform.
- Seamless Supply Chain: Benefit from a full integration of rail and multimodal transports as part of your end-to-end supply chain.
- Real-time Visibility: Using telematics to harvest primary data, shippers can track their rail shipments in real time via the Transporeon platform.
- Greenhouse Gas Emissions Calculation: RCG and Transporeon offer a CO<sub>2</sub> emissions footprint calculation, in line with CountEmissionsEU.



## Our Equipment: Versatile and Flexible

Our multimodal transport solutions include a wide range of versatile equipment such as swap bodies, containers, bulk and trailers – enabling us to transport anything by rail, without any loss of loading space, that would normally be transported by road.

### Swap Body

Swap bodies are the real stars in the pantheon of load carriers. They are interchangeable load carriers that can be removed from the carrier vehicle in a similar way to a container. Multimodal in use, they bridge the gap between road and rail and offer universal loading and unloading – i.e., they can be loaded and unloaded from the rear, the sides and the top.

Our services cover the entire supply chain, from the provision of empty containers to collection and delivery by truck.

This makes them very different from conventional containers and makes them suitable for all types of goods across all industries (e.g. in beverage, chemical or automotive logistics) and are available in various designs (e.g. steel, refrigerated or dry freight). Unlike conventional containers, these are designed to be parked independently in suitable areas.

### 45ft Container

Flexible transport and loading unit for quick and easy loading, transport and unloading of goods.

45ft containers are particularly suitable for palletised goods, big bags or cartons, as well as high-value goods such as electronic devices, motors and machinery, thanks to special security locks.

Additional packaging aids allow them to be used universally for almost all types of goods, whether liquids or granulates.

The pallet-wide 45ft container can hold 33 Euro pallets and can accommodate a full truck load.

#### Your Benefits at a Glance

- Easy load securing
- Standardised norms and dimensions
- Independent of sidings at the origin or destination
- Protection of the transported goods from the weather



- Loading height (side): 2,460 mm
- Inner height under sliding roof: 2,580 mm
- Loading height (side): 2,500 mm
- Loading volume: ca. 86 m<sup>3</sup>
- Loading width (rear): 2,460 mm
- Net weight: 5 tonnes
- Length: 13,6 m



- Outer dimension (length): 13,716 mm (45')
- Inner dimension (length): 13,556 mm
- Door opening (height x width): 2,585 x 2,416 mm
- Outer dimension (width): 2,500 mm
- Inner dimension (width): 2,444 mm
- Loading capacity: 89.2 m<sup>3</sup>
- Outer dimension (height): 2,895 mm (45')
- Inner dimension (height): 2,695 mm
- Tare: 4.3 – 4.8 t

## MOBILER

A hydraulic lifting device on the MOBILER vehicle allows quick and easy transfer of MOBILER configurations between truck and wagon – without the need for a crane or dedicated siding.

This covers the entire supply chain with tailor-made end-to-end logistics solutions – for goods such as industrial products, palletised goods, liquids and dangerous goods in tank containers, bulk goods, construction products and organic feedstuffs.

They open up industrial centres even without rail sidings for all types of goods and containers to be handled safely and quickly.

### Your Benefits at a Glance

- Combines rail and road transport
- Customised and innovative equipment solution
- Covers the entire supply chain
- Tailored to your needs
- Storage in MOBILER containers increases storage capacity
- Just-in-time – direct production into containers reduces expensive truck downtime

## Guide to Multimodal Success: Inspiring Examples

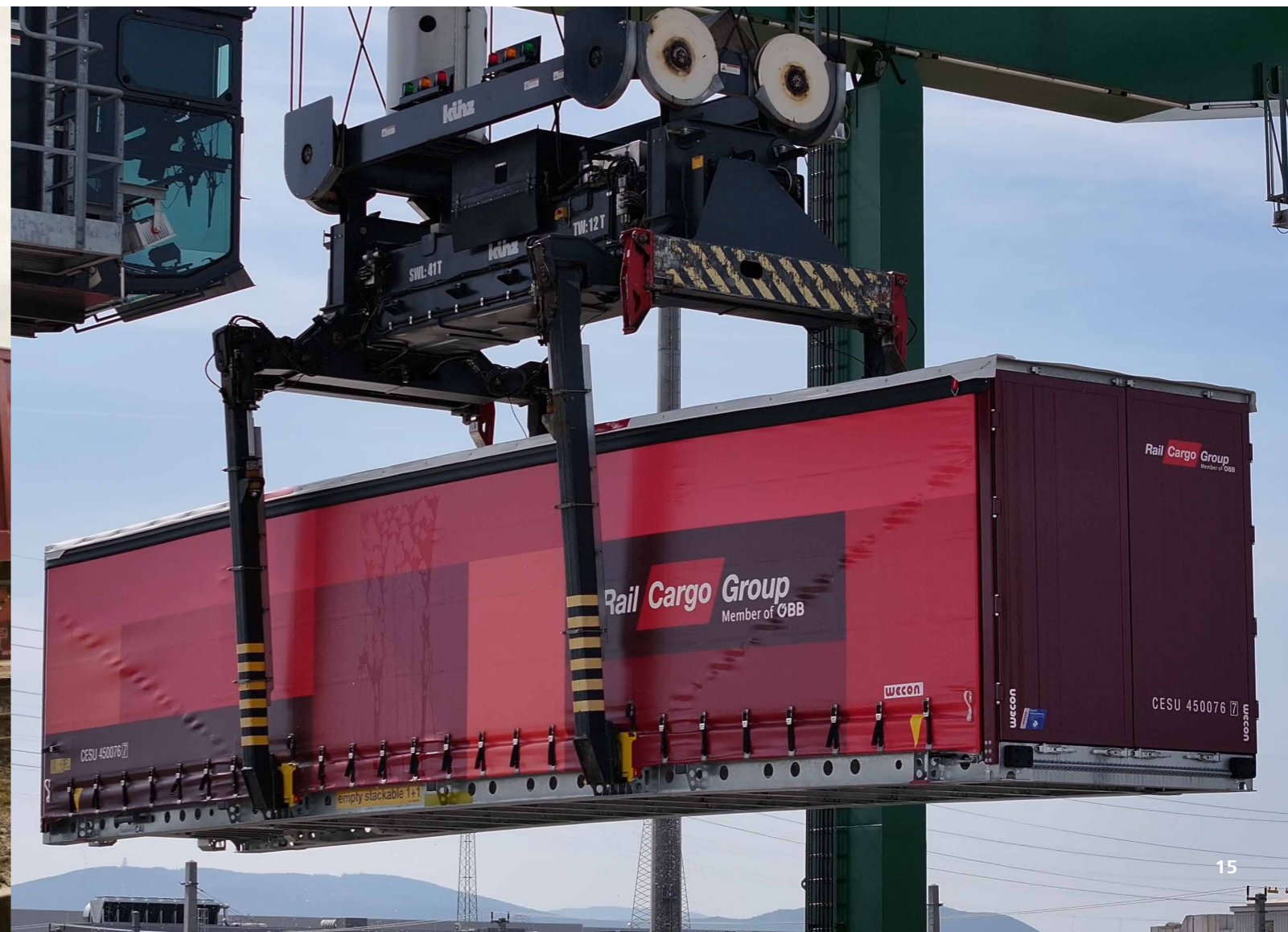
### Brau Union and SPAR rely on Multimodal Beverage Transport

We all know the beverages aisle in the supermarket. But very few people know how far beer, soft drinks and the like have to travel before they finally end up on the shelves in the shop.

The beverage producer Brau Union Österreich and the retail chain SPAR have opted for the multimodal route – the optimum combination of road and rail – for their latest transport operations with Rail Cargo Group. The journey of the beverages starts at the

production plant of Brau Union Österreich in Vienna-Schwechat with the first mile by truck. The truck brings the goods to the Vienna South Terminal in a swap body. The main leg of the journey then involves single wagonload rail transport to terminals as close as possible to the SPAR warehouses in Austria.

The final part of the logistics chain, the last mile, is again carried out by truck. This takes the drinks to the SPAR warehouse, from where SPAR distributes them to the shops before the beer, soft drinks etc. finally end up in our shopping trolleys.





## Multimodal Waste Transport on the Move also Internationally

Thanks to multimodal MOBILER logistics and the amended Waste Management Act, waste transport knows no borders.

The new transport clause of the Waste Management Act has been in force in Austria since 1 January 2023. Waste transports with a total weight of more than ten tonnes over a distance of 300 km must be transported by rail, since 1 January 2024 the distance is 200 km. This applies not to numerous customers within Austria, but also across the borders.

Every year, Rail Cargo Group transports 5,000 tonnes of municipal waste for an Italian company from Italy to the Netherlands for thermal recycling.

The MOBILER is used for this purpose. The MOBILER containers are transferred horizontally between the truck and rail wagon using a hydraulic lifting device.

The main route is by rail to the Netherlands, before the municipal waste finally reaches its destination on the last mile by truck.



Contact us and let us organise your multimodal transport together.

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