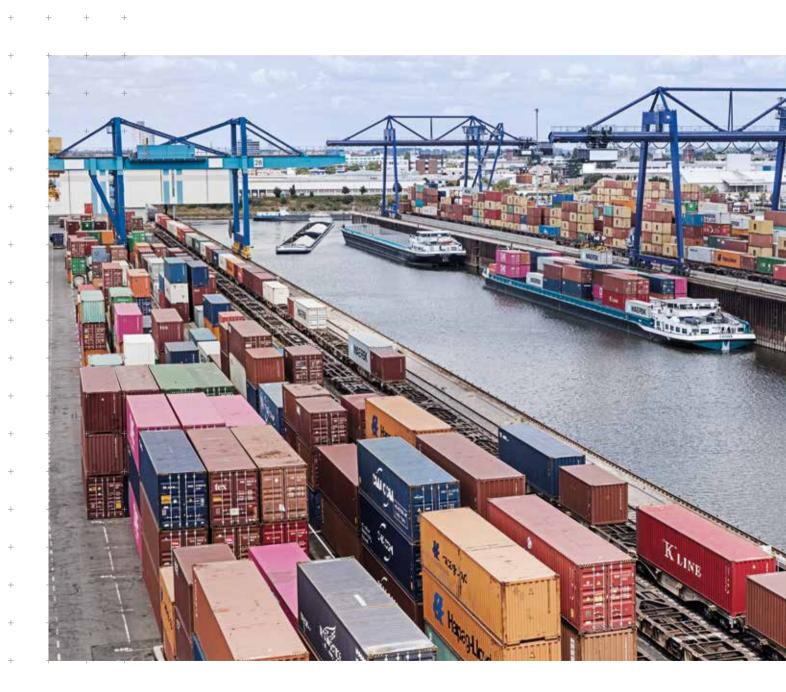
**CLEVERLY COMBINED** 

# THE BEST WAY:

# **COMBINING ALL WAYS.**





# THINKING OUTSIDE THE BOX



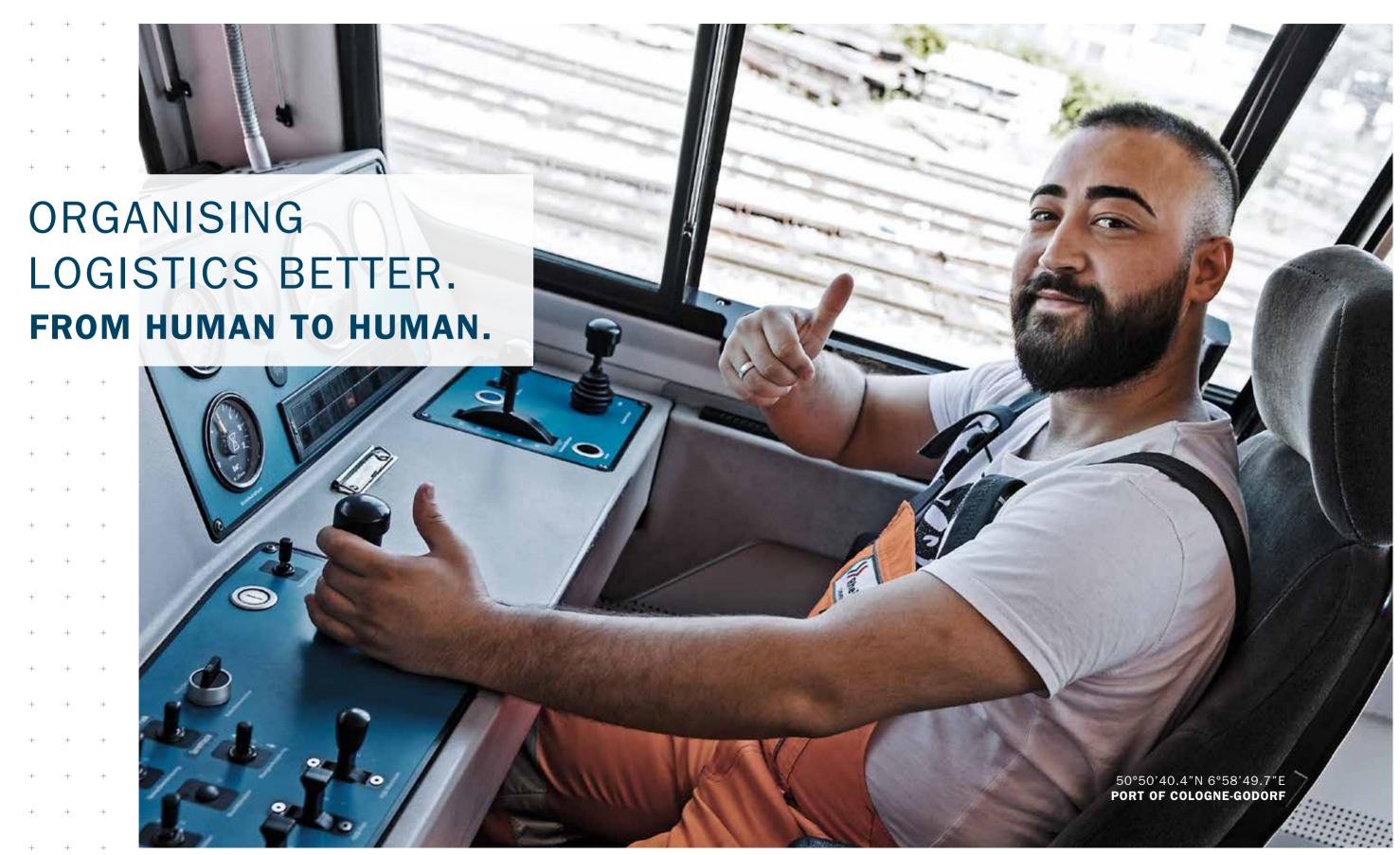
#### Dear Readers,

Many are talking about the transport of the future. But who is actually doing something?

Since our foundation in 2012, we have been doing a great deal to make freight transport more ecological. Of course, our advantageous starting point helps and means we can make use of the full expanse of the Rhine all the way from Cologne to Düsseldorf. With our ports and rail connections, RheinCargo lies at the heart of Europe's transport hub.

Our combined port and rail infrastructure impresses everyone who sees it in person. Albeit far less visible but equally impressive is our digital network, which also moves millions of tonne kilometres. There are many points between A and B that we constantly optimise, automatically resulting in a contribution to tackling climate change. We invest in clean fuels and new electric locomotives and reduce stress on roads through the combination of inland barges and rail.

Our logistical possibilities are a key factor in environmentally friendly economic growth. And in our high-tech country, this is what determines prosperity. We want to use this brochure to explain what improves freight transport today: the efficient combination of water and rail. After all, these 'old' transport routes are also the future.



# NATIONWIDE NETWORK.

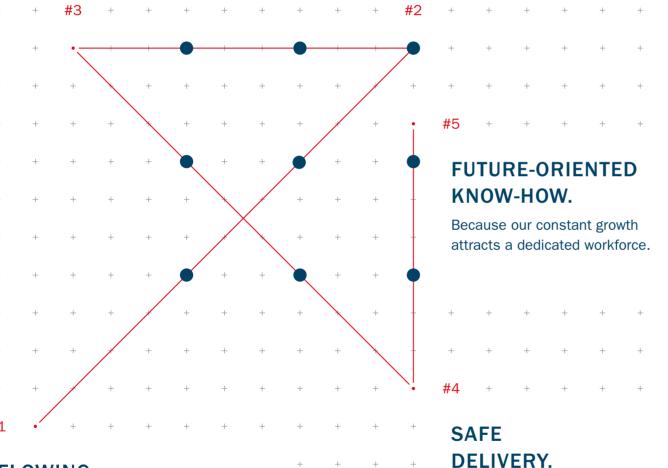
Because we organise water, rail and road into one single system.

# INTELLIGENT CONNECTION.

Because we flexibly adapt to our customers' processes.

Because we are also experts in

the transport of special goods.



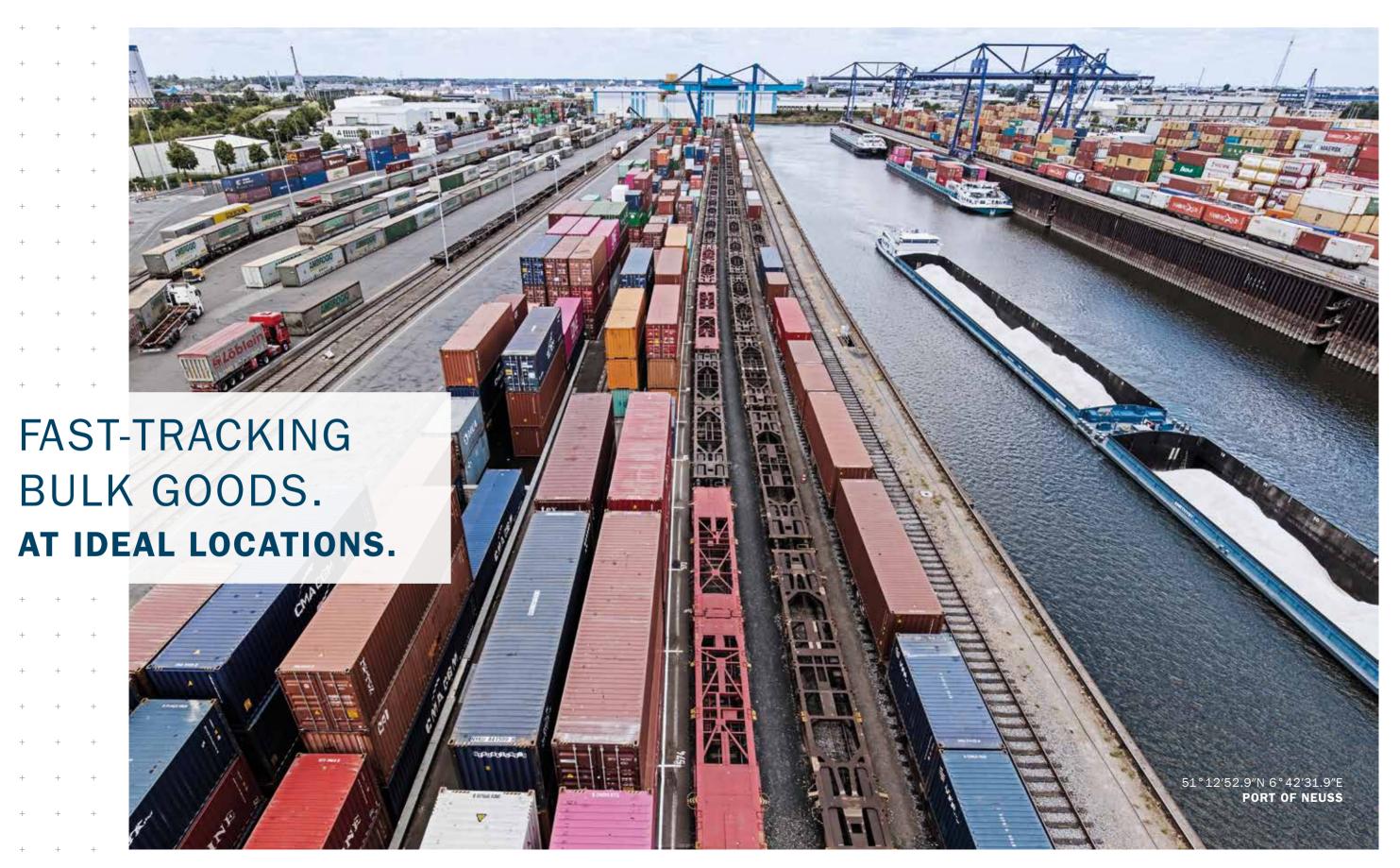
# FLOWING COLLABORATION.

Because logistics start with the combination of specialist knowledge.

What goods are worth depends on how they get to their destination – how punctually, how safely, how suitably.

This is what defines the quality of logistics. And this is why RheinCargo unites water, rail and road to form a comprehensive, efficient chain.

Our customers have high expectations. We love embracing the challenges – after all, our services impress across five dimensions.



# A port isn't just for ships, but for all means of transport.

The RheinCargo ports connect the economy. Together, they form one of the largest inland ports in Germany – a comprehensively networked infrastructure that is optimised for the flow of all goods via water, rail and road.

# THE PORT AS THE CENTRAL LINK IN THE CHAIN.

Organising transport over long distances is and remains a highly complex task. RheinCargo bundles the required knowhow in one single company. As a system provider, we implement a seamless supply chain from A to B and C. Services not included in the RheinCargo portfolio, such as HGV pre-carriage, are also efficiently incorporated to meet all customer requirements.





#### LOGISTICS IN THE ECOSYSTEM.

Anyone who watches dockside cranes at work will certainly be amazed at just how much a single barge can hold. You see, ports are an excellent example of applied environmental protection. A pushing unit is capable of moving the same amount of bulk goods as 350 heavy goods vehicles. However, waterways only become truly efficient when connected to rail and road. To achieve this, RheinCargo integrates port logistics into a comprehensive system. The port handling volume is around 20 million tonnes – and rising.



## CONTAINERS – THREE-DIMENSIONALLY COMBINED.

During the last quarter of a century, standard container handling has increased about twenty times. And it's no coincidence – thanks to geometrically standardised containers, the connection of ship, train and lorry can be customised. In order to handle large quantities, RheinCargo invested in areas of land and crane systems several years ago. Today, they enable us to handle some 1.2 million TEU. The trimodal transport solution proves its strength at all junctions – both real and digital.

#### **COLLABORATION WITH ALL CUSTOMERS.**

Logistics is not an individual service. Mobility is everything, even if the goods are not in motion. Many products have to be processed, modified, converted or refined. Whether mixing different types of clay, refilling oils or other processing tasks, there is nothing that the specialists at RheinCargo cannot arrange. The connection points therefore unite areas, know-how and specialist staff to ensure that every product reaches its destination in the form its recipient needs.

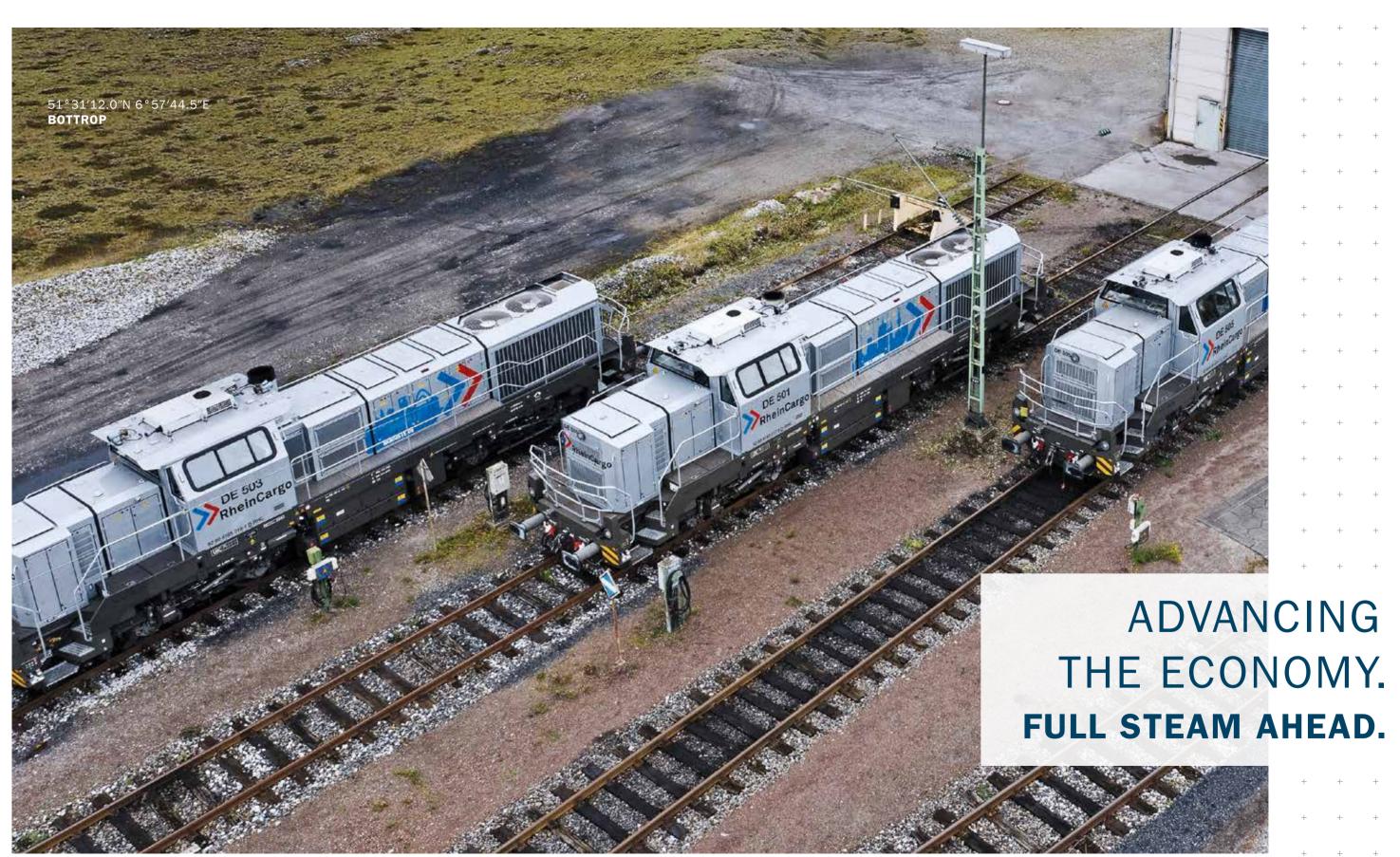


The Rhine lies at the heart of a pan-European waterway network that connects the Neckar, Main and Moselle, along with countless canals and the ports of Amsterdam, Rotterdam and Antwerp. The Rhine alone handles around 80% of the freight traffic in local inland water transport. In addition to heavy goods such as construction materials, coal, oil, steel and agricultural products, many consumer goods and sensitive chemicals are also transported. The RheinCargo ports lead the way to all destinations.



#### A VALUABLE CHAIN FOR RAW MATERIALS.

When it comes to coal, many will assume it is moved using standardised bulk material transport. However, processed carbon and activated carbon are different. Sensitive goods that are granulated or impregnated as calcined matter, powdered carbon or pellets can only be handled, stored and handled with specialist knowledge and suitable equipment. In addition to RheinCargo's specialist warehouses and trained staff, companies can take advantage of the container terminal in Neuss in order to tailor their goods to customer requirements. A supply chain from the Far East to European customers – seamless all the way to Neuss.



# Wherever the journey leads: better connections to your destination.

The RheinCargo rail network is connected to waterways and roads at several points. There is a steady flow of goods between Rotterdam and Italy. Good for efficiency and also for ecological balance.



## POWERFUL RAIL FREIGHT TRANSPORT FOR ALL.

True greatness is based on facts: the RheinCargo rail network is seamlessly integrated into pan-European transport systems. With 100 locomotives and hundreds of its own freight wagons, RheinCargo provides efficient direct rail connections throughout Germany and neighbouring countries. Logistics services are controlled as a whole – the RheinCargo specialists know the specific needs of freight transport and respond to all customer requests with maximum flexibility.

# MILLIONS OF TONNES AS A WEIGHTY ARGUMENT.

More than 100 trains per day transport some 19 million tonnes of goods. This results in 2.6 billion net tonne kilometres every year – a staggering figure! Whether general cargo or bulk material, loose, liquid or in containers, our rail network means goods can move swiftly without traffic jams. Even the intersections are trimmed for optimal efficiency. This is where the experience of highly trained specialists and digital, smart control come together – for logistics as an all-in-one solution.





# SWIFT EMPLOYEES WITH COMPREHENSIVE QUALIFICATIONS.

Changes of direction are part and parcel of RheinCargo's business. With their excellent track knowledge, our trained engine drivers think outside the box to use alternative routes to save time. This means that our employees can respond quickly to short-term order circumstances to speed up logistics. Thanks to our highly qualified team and efficient management system, we are also able to provide certified and safe transport for dangerous goods.



## CUSTOMER ORIENTATION FOR PAVING NEW WAYS.

Our expertise in location logistics grows from our deep-rooted knowledge of who needs what, where and when. RheinCargo is also present on-site at its customers' premises. Efficient shunting activities on factory premises, loading tasks in refineries, loading and unloading of freight wagons and containers and multimodal transport – everything is carefully adapted to the goods in question. Handling also includes storage and refining. RheinCargo moves things forward.





# How to accelerate processes: with locomotives, tracks and expertise.

Logistics within factory premises are an indispensable part of value creation. The RheinCargo plant transport moves on solid foundations – experience, flexibility and sector expertise.

# PLANT TRANSPORT AS A FACTOR OF PRODUCTION.

Shunting activities on factory premises are seldom adequately performed, despite being fundamental for many companies. Even minor interruptions in processes disrupt production and threaten cost risks. To prevent this from happening, RheinCargo adapts to the special requirements. Loading and unloading, time-controlled shunting and digital mapping in various IT systems are all different depending on the customer.



# RAIL NETWORKS PRECISELY TAILORED TO REQUIREMENTS.

Every industrial area is unique in its production processes, supply systems and topography. A rail infrastructure on large factory premises can only work as a whole. The rail network is therefore much more than just a series of tracks. The entire flow of goods is made up of the interplay of transportation, shunting, loading and unloading and the intelligent control of processes and infrastructures.

#### MORE THAN A SERIES OF TRACKS.

RheinCargo sees plant and industrial transport as a whole. Here, the customer's entire infrastructure and railway vehicles are managed. This includes the tracks, locomotives, freight wagons and buildings as well as control and safety technology. The aim is always to ensure a seamless process chain for industrial production. Whether in refineries, steelworks or fertiliser manufacturers, and even for the transport of hazardous goods, the sensitive production interfaces are optimised with the expertise of our extremely well-trained workforce. This creates a round-the-clock service in an efficient shift-work model, 365 days a year.

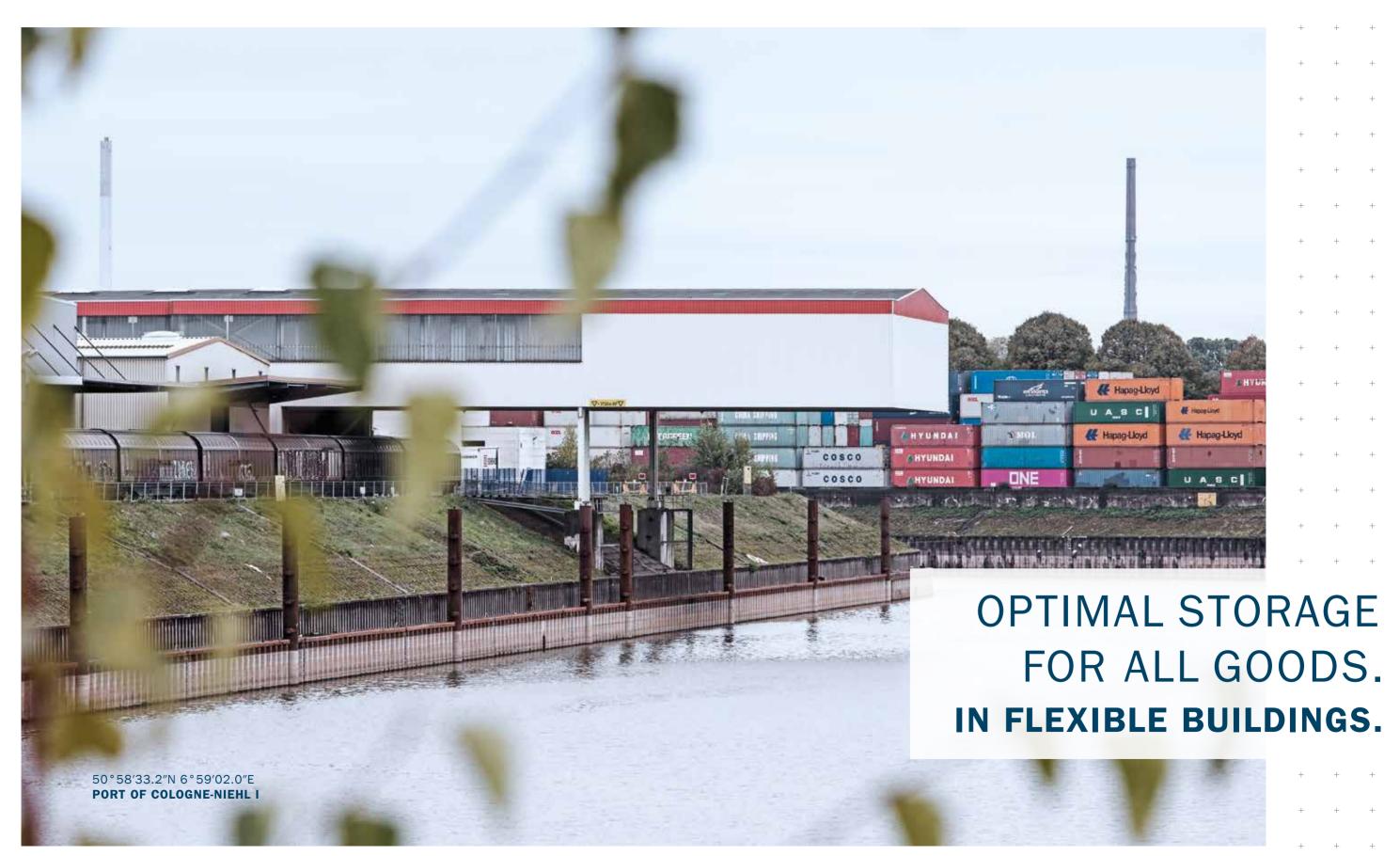






#### FROM SHIP TO FURNACE.

In Bottrop, a RheinCargo joint venture is the backbone of the coking business for the world's largest steel company. Stretching 30 kilometres, the factory's rail network enables several high-performance locomotives to continuously shunt production input. The logistics for the coking plant are also integrated into the overall operation of Bottrop port. Millions of tonnes of coke and coal are moved across the premises, securing a smooth supply of raw materials for a coking plant whose furnaces can never go out.



# Property for mobility: spaces with perspective.

Handling a wide range of goods requires variability in terms of land, office and warehouse spaces. RheinCargo focuses on customer requirements in all aspects of construction, renting and management.

#### A WIDE FIELD WITH BROAD HORIZONS.

The RheinCargo port area spans more than five and a half million square metres. This includes our own open-air storage and dry transhipment facilities. The large-scale areas offer the necessary space to organise goods and warehouse handling for practically all kinds of goods. Heavy lift facilities are available and plots, office and warehouse buildings can be adapted to customer requirements. Conversions can be carried out quickly. After all, real estate gets things moving, too.



#### **CHANGE AS A BUSINESS PRINCIPLE.**

No warehouse stays as it is forever. After all, customer orientation means adapting to new goods handling requirements, new buildings and conversions, contract terms, administration and building management. RheinCargo sees plants and facilities as an integral part of buildings. The corresponding range of services considers all factors of structure, efficiency, profitability, safety and environmental compatibility.

#### RHEINCARGO AS CONSTRUCTOR.

The future of logistics starts tomorrow – the flow of goods never stops. To secure it, however, storage capacities must be rapidly expanded and to achieve this, RheinCargo has resolved to move things forward as a constructor. The entire range of services comes from one single provider – construction schedule, coordination with authorities, construction supervision, knowledge of all new regulations and applied environmental protection. Even older buildings are comprehensively updated to reflect the state of the art. What counts are optimised costs for customer-oriented rent.



It's all in the flow. Every single part of the port is constantly adapted to the conditions at hand – the port's own infrastructure with handling facilities, bank walls, roads and areas is always kept up to date. Measures also focus on increased demands for environmental protection. Today, new emissions requirements must be fulfilled and heating energy saved. Long-term investments and fast-reacting facility management ensure systems free from downtime.





#### **COST-EFFECTIVENESS AT THE CORE.**

RheinCargo's strength stems from its position at the heart of European transport. After all, as a vibrant transport artery, the Rhine is more important than ever in the growing flow of goods. With their directly connected storage areas and warehouses, ports form an infrastructure of direct routes. Handling and storage are seamlessly interlinked and are therefore highly efficient, offering unrivalled conditions for port land.

# ACTIVE ENVIRONMENTAL PROTECTION. WITH EXTENSIVE NETWORKING.

Whatever is to be transported, there is only one way: the most efficient. Through the consistent combination of water, rail and road, RheinCargo reduces energy consumption and emissions.





# SUSTAINABLE TRANSPORT ON OUR PLANET:

Under the umbrella of the United Nations, the international community has committed to 17 global objectives. This economy has a responsibility.

Our contribution? An infrastructure with a favourable ecological balance to promote sustainable economic growth.

#### RAIL AS AN ENVIRONMENTAL ACTIVIST:

RheinCargo only uses electric locomotives for long-distance transport. Many of our locomotives work as hybrids and recover energy.



The clean alternative fuel is called liquefied natural gas, or LNG for short. Europe's first LNG fixed bunker station at Niehl port signals the beginning of a low-pollution fuel infrastructure for heavy goods transport by road and water.



#### 1 BARGE = 105 HGVS

With around 50 barges handled daily, we replace approximately

5,000

#### **HEAVY GOODS VEHICLES EVERY DAY**

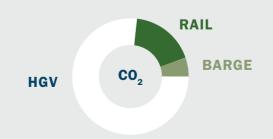


# SAVING CO<sub>2</sub> AS AN INTEGRAL PART OF OUR BUSINESS:

3.5 billion net tonne kilometres of rail transport alone save 457,000 tonnes of  ${\rm CO_2}$  compared to transporting the same quantity by road.

#### CO, AS AN ENVIRONMENTAL FACTOR:

Lower emissions through the use of rail and barge.





## CERTIFICATES, DOCUMENTS WITH WEIGHT:

RheinCargo has been certified as a waste disposal company since 2012 and undergoes expert audits every year. The cross-border transport of all waste in the European List of Waste is carried out in a certified environmentally compatible manner.

RheinCargo is a company in motion.

We make information flow via many channels, too.

We look forward to your enquiry.

# STRENGHENING CONNECTIONS. DIRECTLY, IN PERSON AND ONLINE.



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WHAT CAN WE CONNECT FOR YOU?







