



Rotterdam your world-class iron ore & scrap port



Prominent hub for the steel industry

Rotterdam is the center of the steel industry in Northwest Europe. The port plays a prominent role in the handling, storage and transshipment of iron ore for steel producers in the German and Austrian hinterland in particular. Benefiting from the natural advantages of Rotterdam, such as the depth of the water and the river Rhine, the logistics in the area are unsurpassed. Rotterdam is also an important export port for scrap.

BIG IN IRON ORE

Almost 50% of all overseas imports of iron ore in Northwest Europe arrive via Rotterdam. With a depth of 75 feet, even bulk carriers up to 400,000 tonnes DWT can enter the port. In the port, there are two large bulk terminals for the handling and storage of iron ore: EECV in the Europoort and EMO on the Maasvlakte. EECV has three berths for capesize bulk carriers and is fully owned by the German steel concerns ThyssenKrupp Stahl and Hüttenwerke Krupp Mannesmann. The terminal only handles iron ore for use in the owners' blast furnaces. EMO on the Maasvlakte handles ore for several steel producers in the hinterland and has four berths for capesize bulk carriers. About half of all iron ore arriving in Rotterdam comes from Brazil. Other important source countries are Canada, Australia, South Africa and Sweden.

ADDED VALUE IN SCRAP

Scrap is primarily a European export flow. In Rotterdam, a lot of scrap from the Netherlands and Germany comes together, to be shipped on to the Far East and such countries as Spain and Turkey, where it is used as feedstock for electric steel plants. A flow travelling in the opposite direction from other parts of the world is high-grade stainless steel scrap, which, after being graded in Rotterdam, is transported on to steel plants in England, Sweden and Spain. In the port, a state-of-the-art scrap cluster has been set up in the Botlek, where three companies operate alongside each other: Jewometaal Stainless Processing, European Metal Recycling and EP Stevedoring. Directly opposite them, the EBS terminal is also involved in the transshipment of scrap.

The transshipment of scrap is a highly specialised activity, with a lot of added value. Stainless steel scrap, in particular, is subject to precise specifications, provided in advance

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by customers. The scrap in question is carefully analysed, graded, cut and compressed in the modern Rotterdam terminals. Customers are always assured of the right quality.

OPTIMUM ACCESSIBILITY

One of the main advantages of Rotterdam is its strategic location in Northwest Europe and the optimum accessibility of the port, on both the sea and land side. From the sea, there are no restrictions whatsoever in terms of tides or locks; ships can move in and out of the port 24 hours a day, irrespective of their length or draft. For the transport of iron ore and scrap to the hinterland, the port offers several distinctive and environmentally-friendly modes of transport:

- Rotterdam is situated on the estuary of the rivers Rhine and Maas. Inland shipping is therefore the ideal mode of transport for the reliable and cost-effective movement of large volumes. For example, for the transport of iron ore to the steel industry in such countries as Austria, Belgium, France and, of course, Germany. Great use is made here of barges, which are transported by river in convoys of four. One four-barge push-tow combination can load 11,000 tonnes of iron ore.
- For rail, the port is the start and end of the Betuweroute, the 160-kilometre dedicated freight railway between Rotterdam and Germany. Rail is taking an increasing share in hinterland transport, particularly of iron ore.
- Rotterdam is also perfectly situated for the transshipment of iron ore and scrap by sea. The open connection with the North Sea forms the basis for short turnaround times and efficient connections by sea with the UK, Scandinavia, Northern Germany and the Iberian Peninsula, for instance.

PORT OF ROTTERDAM AUTHORITY: WORKING TOGETHER TOWARDS WORLD CLASS

The Port of Rotterdam Authority is the proactive manager of the port complex. Together with our clients, our ambition is to create the best possible conditions for the development of a successful iron ore & scrap port of the future.

You can always approach our Business desk Dry Bulk & Energy with all your questions about the logistics specialists active in the port. With all the combined knowledge and experience, plus our extensive network in and outside the port, we are always pleased to help you further along your way.

PORT OF ROTTERDAM AUTHORITY

The aim of the Port of Rotterdam Authority is to enhance the port of Rotterdam's competitive position as a logistics hub and world-class industrial complex. Not only in terms of size, but also quality. The core tasks of the Port Authority are to develop, manage and run the port in a sustainable way and to maintain a speedy and safe service for shipping.

FOR MORE INFORMATION, PLEASE CONTACT

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