Rotterdam is the center for European coal transhipment. No other port handles more steam coal for power plants and coking coal for the steel industry. Access to the port by sea is unrivalled and the same applies to transport via rivers, rail and shortsea. The Port of Rotterdam Authority and the port business community are also gearing up for further growth. The added challenge is to achieve this in a sustainable way.

A SOLID TRACK RECORD. A STRATEGIC CHOICE. MAKE IT HAPPEN.
Strategic location
Bulk carriers up to 380,000 tonnes dwt can enter the port in all conditions, 24 hours a day. With ample choice in handling facilities in the port, including all transport modalities to final destination.

Wide choice of facilities
In the port of Rotterdam, there is a wide choice of coal terminals for transhipment and storage:
- The largest coal terminal is EMO, situated on the Maasvlakte. The 1365-metre long quay can accommodate four capesize bulk carriers. For unloading, five gigantic quay cranes are used, with floating facilities to provide flexible back-up. In one day, EMO can unload 200,000 tonnes of coal. Even the largest vessels are ready to leave again within two days. EMO has two large state-of-the-art magnets to dispose of the finest contamination in coal.
- EBS, located in the Botlek area, can unload bulk carriers up to 70,000 tonnes dwt efficiently round the clock. At the Laurenshaven/Botlek terminal EBS has installed state-of-the-art magnetic decontamination units specifically for Russian coal. EBS also has facilities in the Europoort for ship-to-ship transfers between capesize vessels and inland barges or coasters.
- EECV: This dedicated terminal supplies its owners TKS and HKM with the iron ore and coal they need. The coal terminal has a stockyard of 53 ha.
- For the handling of smaller consignments of coal in the port - with maximum service – there are several flexible and attractive partners like, BSR van Uden Stevedoring and ZHD Stevedores. Linked directly with the handling operations, EMO in particular is a specialist in screening, crushing, blending and washing coal. In addition, there are a large number of surveyors, freight forwarders and other logistics service providers active in the port, fully dedicated to coal.

Unrestricted access to the European market
For a bulk product like coal, Rotterdam is the ideal entrance to the European market:
- Rotterdam is situated at the mouth of the rivers Rhine and Maas. Inland shipping with abundant available barges is therefore an ideal mode of transport for the reliable and cost-effective movement of large volumes to countries like Germany, France, Belgium and the Netherlands itself.
- For rail, the port is the start and end of the Betuweroute, the 160-kilometre dedicated freight railway between Rotterdam and Germany, with a direct connection to the extensive European railway network. In order to load trains efficiently in the port, EMO has invested in new, high-capacity loading equipment for coal trains.
- Rotterdam is also perfectly situated for transhipment. The open connection with the North Sea forms the basis for short turnaround times and efficient short-sea trans- port to other European destinations.

Ship-to-ship transfers facilities
Besides land based terminals, the port of Rotterdam has several buoys and dolphins available for the ship-to-ship transfers of dry bulk cargo. The utilisation of these public facilities is managed by a dedicated desk of the Port of Rotterdam Authority and the facilities are located at Maasvlakte 2, Calandkanaal, Botlek and Waalhaven. Floating equipment and transhipment services are provided by a number of private companies. The available water depth at the buoys and dolphins varies from about 9.65 m up to 23.65 m. More information: [www.portofrotterdam.com/king](http://www.portofrotterdam.com/king)

Commitment to sustainable developments
Rotterdam is Europe’s number one energy port. Coal still forms an indispensable element of this. At the same time, Rotterdam attaches great importance to the sustainable development of the port and city. We aim to bring the Port of Rotterdam in line with the Paris Climate Agreement objectives. In partnerships with companies, we are working towards a CO2 neutral port. With this we aim to have a port with an industrial landscape that has no net negative consequences for our climate. This demands radical innovation and new technologies. These will be developed and tested in pilot projects. In the meantime, we are already taking measures to reduce emissions as far as possible in the short term, such as the plan to store CO2 below the sea bed in the coming years. This will give industrial sectors sufficient time to implement more structural changes in business processes and will prevent any unnecessary value destruction. Steps towards a CO2 neutral port:
- The use of biomass for power-and-heat generation.
- The development of a CO2 infrastructure: capture, transport, storage and re-use of greenhouse gases.
- Usage of waste heat from- and by powerplants and industry.
- Providing space for various wind-farm and solar projects.

Port of Rotterdam Authority: a strategic choice
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 a sustainable and successful coal cluster. We invite you to contact our Business desk Dry Bulk & Energy with all your questions about coal business in the port.

More information
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