

# ENERGY & INDUSTRY.

## EUROPE'S ENERGY HUB

**The Port of Rotterdam is one of the most important trade hubs in the world, and the largest in Europe. Half of these trade volumes relates to energy products. For Northwestern Europe it is the place to make the arrival, production and distribution of various forms of energy flows possible.**

### High-tech, energy efficient cluster

Rotterdam has a leading position in the trade, transport, conversion and storage of energy-related commodities. A highly specialised cluster of 120 companies is active in the energy and chemical cluster. Within the group of global energy hubs the Rotterdam cluster is leading in the shift to sustainable energy: LNG terminals facilitate the use of cleaner burning LNG in road, sea- and inland transport. Re-use of industrial heat for residential use and CO<sub>2</sub> for agricultural purposes make Rotterdam an energy-efficient port.

### Investment in technologies

Rotterdam has commenced a strategic transition away from fossil energy system. Transition fuels such as LNG accelerate the move towards cleaner and greener fuels. Advanced plans for large scale Carbon Capture and Storage of

**A  
CLUSTER**

**OF 120 SPECIALISED  
COMPANIES**

**35**

**SQUARE  
KILOMETERS OF  
ENERGY AND  
PETROCHEMICAL  
PLANTS**

**EUR  
10+BN**

**OF ADDED VALUE**

**13,070**

**EMPLOYEES INDUSTRIAL  
CLUSTER IN OIL,  
CHEMICALS, GAS,  
PIPELINES AND RELATED**

industry emissions are underway. In the field of offshore wind, the port has become a fast-growing manufacturing and logistic hub, whilst becoming a substantial producer of wind energy in its own right.

### Blue hydrogen

One example of coordinated efforts to lower emissions is the production of 'blue' hydrogen. Although fossil fuels are used in this process, the CO<sub>2</sub> that is released during production is stored in empty gas fields under the North Sea. The use of Blue Hydrogen is a stepping stone to the production of Green Hydrogen, which will be generated with energy from sustainable sources. New grid infrastructure for the exchange of hydrogen, steam, CO<sub>2</sub> and other resources enables the cluster to become greener together.

# WHAT IS ROTTERDAM MARITIME CAPITAL OF EUROPE?

**The Netherlands is the most competitive economy in Europe, and the Rotterdam region harbours the most competitive maritime cluster in the world. This cluster brings together an enormous diversity of activity: Maritime Business Services, Commodity Trading, Port & Logistics, Shipbuilding & Superyachts, Offshore, Energy & Industry. This unique maritime region of Rotterdam and its 75km radius is therefore branded Rotterdam Maritime Capital of Europe.**



Rotterdam owes its unique competitive strengths to its location at the heart of Europe's most affluent and densely populated region and the innovative export-oriented character of the Dutch economy. In its heart, the city of Rotterdam is a great place to live: a relaxed, vibrant and truly international city with superb infrastructure and a diverse, highly skilled workforce.

Rotterdam Maritime Capital of Europe is the most complete and competitive maritime region in the world. A network which is constantly working on innovations and developing talent, which has resulted in the area being a front runner where energy transitions, digitisation and circular economy are concerned.

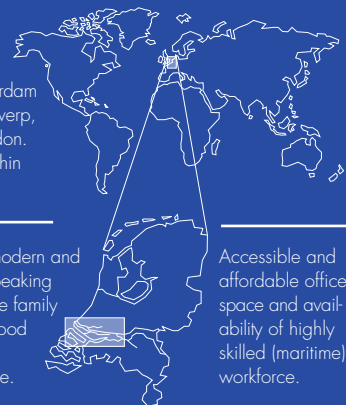
The Port and City of Rotterdam have set some ambitious goals for 2030. Its strategy is focussed on both modernising the traditional industry, with a specific focus on sustainability and the environment, as well as pioneering innovations.

The government, companies, educational institutes and research facilities are all working together to actively realise these ambitions together. Making sure Rotterdam is and will continue to be Europe's maritime capital.

Efficient and easy transport connections: Rotterdam-The Hague airport, Schiphol Amsterdam airport, Eurostar to Antwerp, Brussels, Paris and London. Key European cities within 3 hours reach.

Affordable living in a modern and international, English speaking environment. Favourable family living conditions with good (international) schools. Strong work-life balance.

Accessible and affordable office space and availability of highly skilled (maritime) workforce.



## WHY DOING BUSINESS IN THE WIDER ROTTERDAM REGION?

1. Close cooperation between energy utilities, refineries and petrochemical plants.
2. A close-knit industry cluster focussed on synergies.
3. Excellent infrastructure, with deepwater berths, huge greenfield terrains and an extensive grid of dedicated transport pipelines.
4. Home to leading firms such as Royal Dutch Shell, Eneco and AVR, BP and Esso Nederland.

## CONTACT.



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CAPITAL  
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**ROTTERDAM.  
MAKE IT  
HAPPEN.**