



# Customized energy Delivered on time

**Maasvlakte 2 offers companies a new prime location right in the heart of the European market. It can rightfully be called a prime location thanks to its central position, unrivalled draught and good nautical accessibility. Equally important are the area's excellent connections to the hinterland and an innovative connection to the electricity grid. For the purpose of the latter, the Port of Rotterdam Authority has made additional agreements with Stedin, the manager of the public electricity grid. Together, the two parties have developed a system that will quickly connect new Maasvlakte 2 customers to the new electricity grid at the lowest possible cost.**

For 24/7 business, you need electricity. The Port of Rotterdam Authority and Stedin B.V. have devised an ingenious solution for Maasvlakte 2. This will enable companies to connect to the electricity transmission grid in a relatively short period of time, at a fair price and on the basis of standard terms and conditions. Traditionally, the first customers in major projects of this kind are the ones to pay the highest connection costs, due to the new area's distance to the existing grid.

#### **CONTROLLING COSTS**

A system dubbed 'Threading from two sides' has been designed for Maasvlakte 2. This innovative system will enable the transformation from high voltage to medium voltage on the existing Maasvlakte. Once the



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## CONNECTION

Customers will be charged a connection fee for the line connected to the electricity transmission grid. The Office for Energy Regulation of the Netherlands Competition Authority regulates and sets the pricing and structure for connections up to and including 10 MVA (megavolt ampere). The connection fee for lines with a capacity greater than 10 MVA depends on the specific situation. In these cases, Stedin will make a quotation on the basis of a cost estimate. A line consists of the grid connection point, the line running out to the customer's site and the security at the customer's premises. Besides the initial connection charges, the customer will periodically pay the costs of electricity consumption and transmission costs. The charges for the building, the land and the metering system will also be payable by the customer.



main infrastructure is completed, the expansion of the transmission grid will be carried out step-by-step in tandem with the construction of Maasvlakte 2. This will avoid unnecessary soil disturbances and double work in the years ahead. The grid will always be nearby for new customers who need a new connection. This new working method will keep the cost of connecting to the grid within an acceptable bandwidth.

## BENEFITS FOR THE CUSTOMER

Regardless of when a customer moves to Maasvlakte 2, it will be charged a fair price, based on uniform principles. In addition, the time needed to create a new line will be shortened. As a result, Stedin can set to work on the customer's order for a line shortly after the site in question has been completed. This new system brings the electricity transmission grid to the customer's front door, so to speak, and will keep the lid on connection costs.

### Maasvlakte 2

North Sea



### The Netherlands

Rotterdam port area



### Europe

The Netherlands



### ROTTERDAM MAINPORT DEVELOPMENT PROJECT

The construction of the new port area, Maasvlakte 2, is part of the Rotterdam Mainport Development Project (PMR). This project also includes environmental compensation measures connected to the construction, the development of a 750 ha area for nature and recreation and improvements to the Existing Rotterdam Area. PMR is a partnership between national and regional government and the Port of Rotterdam Authority. For further information, please visit [www.mainport-pmr.nl](http://www.mainport-pmr.nl).

### MORE INFORMATION?

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