RDM CAMPUS

COOPERATION IN INNOVATION AT A HISTORICAL LOCATION
RDM CAMPUS IS...

...a new purpose for a historical industrial location: shipyard and buildings of the 'Rotterdamsche Droogdok Maatschappij' (Rotterdam Dry Dock Company). The abbreviation RDM now stands for: Research, Design & Manufacturing ...a cooperative venture between Albeda College, Rotterdam University and the Port of Rotterdam Authority ...situated in Heijplaat, centrally located in the CityPorts area, easily accessible, with transportation to the city centre by fast ferry Aqualiner ...Innovation Dock – a monumental industrial hall of 23,000m², ‘Droogdok’ (Dry Dock) – the former head office of the RDM – and ‘Dokhaven’ (the Dock) ...a place where students and companies collaborate in an open environment and focus on new economic activity and sustainable and innovative solutions in the markets Building, Moving & Powering ...a location for education: intermediate and higher vocational education under the same roof, with plenty of space for experiment and for practical research ...a location for business: accommodation for the innovative and creative manufacturing industry ...a location for events: accommodation for meetings and conferences.

MORE INFORMATION?
Visit www.rdmcampus.nl/english or contact RDM Campus:
Heijplaatstraat 23
3089 JB Rotterdam
The Netherlands
+31 (0)10 - 794 9229
office@rdmcampus.nl

PHOTOGRAPHY: MARIJKE VOLKERS, DESIGN: STUDIO LÉON & LOES

RDM Innovation Dock was co-financed by the European Regional Development Fund.
The location of intermediate and higher vocational education outside the normal scope of education on RDM Campus special Albida College and Rotterdam University work together and with companies on RDM Campus, as well as with technical universities outside the campus such as TU Delft. There is plenty of space on RDM Campus for various activities: applied research, innovation, interaction and experiments.

On RDM Campus, Albida College offers education in management and marketing of new technologies. Albida College offers education in industrial product design, water management, computer engineering, architecture and urban design, and civil engineering.

RDM Campus is a campus for education, business, events, and leisure. It is located at the old shipyard area of Rotterdam. The abbreviation RDM now stands for Research, Design & Manufacturing. On RDM Campus, educational institutions and companies work together to achieve sustainable and innovative solutions in the markets building, moving and powering. RDM Campus is a collaboration between Albida College, Rotterdam University and the Port of Rotterdam Authority.

The redevelopment of the city ports is important not only for the port and the city of Rotterdam. It gives Rotterdam a competitive edge. At the former shipyard of RDM, a campus has been built for education, research and innovation. It is located at the Dock Office and extensions of ‘Droogdok’ (Dry Dock) 2007 until 2009, and was officially opened by the Prince of Orange in 2009. The ‘Dock antennor’ (Dock Office) and extensions of ‘Droogdok’ (Dry Dock) are also part of RDM Campus. These buildings will gradually undergo renovation.

The focus of RDM Campus is on three market areas:

- Building & Moving & Powering

Examples of sustainable building on land and water are the development of lightweight construction techniques, ‘water houses’, concept houses and floating epoq-cube and island for work and residential purposes. Building on water, now a trend in building technology becoming more and more popular, is expected to have a great impact on the area. Plans for Rotterdam's dock basins include: floating houses, offices and improved infrastructure.

- Moving & Powering

Converting to electrical or hybrid vehicles is one example of smart mobility and advanced car technology. Because Rotterdam is one of the largest ports in the world, the traffic is enormous. Ocean-going and inland vessels, highway by road and by rail, and normal daily traffic cause competition and pollution. This is why RDM Campus aims to focus on the development of intelligent, sustainable means of transportation by land and by water.

- Design & Building

During technology and sustainable energy. The more towards sustainable energy fits in Rotterdam's role as ‘Energy Port’. Rotterdam wants to decrease its one-sided dependence on the refining, storage and transfer of oil by using renewable and reclaimable energy. RDM Campus is developing a centre for sustainable energy.

In all these themes the ideas of the Rotterdam Climate Initiative are conceived. In Rotterdam’s objective on energy saving, sustainable and ecologically friendly manufacturing, living, working and recreation, RDM Campus plays a significant part.

Innovation & entrepreneurship

Albida College offers a unique reference site for intermediate vocational education (MBO) and higher education. Rotterdam has approximately 250,000 students and offers a variety of programmes at 350 sites held in 50 locations. Albida College offers intermediate education in the area of Healthcare, Welfare, Social Professions, Food, Technology and Economics. Albida College offers education in the area of International Trade and Logistics. This college offers business for the small variety of programmes, and is also available of opportunities for students, who also receive guidance in the entrance.

The close collaboration with companies and institutions makes this possible.

Public Domain

Because Rotterdam is one of the largest ports in the world, it has enormous economic development. The Port Authority operates and develops commercial activity in the port. This offers companies a one-stop shop for a range of services, from storage, servicing and repair to logistical support, and the use of land and water. The Port Authority is a special economic zone, with its own tax regime. The Port Authority also has a special tax status for companies that invest in the area. This makes it an attractive location for meetings, conferences and other events. Organising events fits in well with its strategy, the exchange of knowledge, strengthening research and innovation.

Conference, exhibitions and other meetings can be held at Innovation Dock or at Droogdok. For more information on the buildings, both large and small rooms on rent 2 F, and extensions of ‘Droogdok’ for example, has a surface area of 500 m², and the auditorium in Droogdok is facing a large 313 m² for 130 people. The art deco RDM management offices are also available as a meeting space.
The RDM terrain and buildings, together with the quarantine corporation in 1980. Companies in the late 1970s, the village was sold to a housing corporation in 1980.

The former head office of RDM ‘Droogdok’ (Dry Dock) now houses a congress centre, offices, educational facilities and studios. The building consists of a number of offices built between 1913 and 1936. The main part of the building was built in 1913 and 1936, with the main entrance for employees and the monumental management floor, with its own special entrance and adjusting management offices. ‘Droogdok’ houses the project offices of RDM Campus, Stadshavens Rotterdam, the Rotterdam Academy of Architecture and Urban Design, and expertise and knowledge centres of Rotterdam University.

The history of the garden village Heijplaat runs parallel to that of RDM. From 1914 to the 1950s, around 850 houses were built. The original urban development plan and the first houses were designed by RDM’s own architect, Mr. H.A.J. Baanders. Of course, the residents of this village all worked at RDM. Because of the financial problems of the RSV Company, which went bankrupt in 1983, rendering 1,370 unemployed, which was a heavy blow for the village.

The entrance to RDM Campus by water is via the ‘Dokhaven’ (the Dock). It has a jetty to the fast ferry Aqualiner, which transports students and residents of Heijplaat and from the city centre of Rotterdam. Part of the ‘Dokhaven’ is reserved for inland shipping, the other part is used for exhibitions and experiments, including prototypes. The water front, a floating island for work and residential purposes and terraces and parking lots (partly) on water. On the water front, the building ‘Dokkantoor’ (Dock Office) is also part of RDM Campus. It houses various companies.

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