



Projects from the Portfolio of RDC members. For details and more projects visit our website.

**Maasvlakte extension**



**Water Square Benthem Plein**



**Urban Water Strategy Hoboken**



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# YOUR GATEWAY TO ADAPTIVE AND ATTRACTIVE DELTA CITIES



# SUSTAINABLE AND ECONOMICALLY VIABLE CITIES

The impact of climate change will be felt strongly in the years to come. Delta cities are at the same time economically attractive and vulnerable places. When sea water levels rise and extreme weather events occur, such as heavy rain, storm surge and heat. Combined with an accelerated rate of urbanisation in delta cities, the need for integral solutions to develop sustainable and economically viable cities with a high quality of life becomes urgent.

## Rotterdam: innovation hub for delta cities

Building on centuries of Dutch knowledge and skills in water management, the Rotterdam region is an innovative hub of Dutch delta design and knowledge. An extensive track record of successfully implemented projects over the past decades emphasises Rotterdam's expertise on adaptation and mitigation solutions. For example: new land extensions in the Port of Rotterdam (Maasvlakte I & II), coastal protection (Maeslantkering), greening of embankments and roofs and smart urban design in the inner city, like water squares, urban floodplains or parking garages with water storage capacity. All these projects have been realised here and are open for visits from other delta city organisations that face similar challenges. The city of Rotterdam

is internationally acknowledged as a resiliency and adaptation leader in international networks like C40, Connecting Delta Cities and the 100 Resilient Cities initiative from the Rockefeller Foundation.

## Accelerate transitions

Rotterdam Centre for Resilient Delta Cities (RDC) is a public-private network organisation consisting of leading companies, knowledge institutions, design firms and the Municipality of Rotterdam. They joined forces to accelerate the transition towards safe and sustainable delta cities worldwide. In these cities, water safety, ecological resiliency and a sustainable economic development are inseparably intertwined. To face the challenges of the 21st century, delta cities need to find



sustainable solutions to enhance water safety and supply, but also to add value in terms of spatial and ecological quality, social outcomes and economic potential. The huge economic disparities between and within cities worldwide, and the impact of the recent economic crisis, stresses the need for appropriate and affordable solutions on a local level. Technology, design and process innovation in terms of government, stakeholder inclusion and public-private partnerships are key factors to develop adaptive and attractive delta cities.

## Make your delta city resilient

With a world renowned track record of knowledge and experience in the realisation of innovative concepts, RDC members can help your city or your company in raising awareness and expertise on climate change adaptation strategies. RDC can help you find the best Dutch business and knowledge partners for the (re)design and development of your resilient delta city. The members are connected to a broad network of national and international partners to ensure a tailor-made approach that meets your needs.

## Contact RDC to...

- Exchange your ideas with our expert teams experienced in creating integral solutions for adaptation, mitigation and recovery
- Find partners in (international) consortia for research, design and development in delta cities
- Get inspired by the best practices based on the RDC portfolio
- Attend seminars, events, fairs and exhibitions organised by RDC members
- Take one of the guided climate adaptation tours in Rotterdam and the Dutch Delta
- Follow master classes based on climate change adaptation strategies and best practices in delta cities world wide

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