

Future Cities

urban networks to face climate change

Making city regions fit to cope with the predicted impacts of climate change



SUSTAINABLE WATER MANAGEMENT TIEL EAST

The development of the integral water scenario for Tiel East has resulted in a water contract between the municipality of Tiel and Waterboard Rivierenland, comprising short and long term water measures. A virtual water game has played an important role in bringing stakeholders together. Now it is time for the implementation of the several water measures to stop current and prevent future water nuisance. One of the possible long term measures to prevent flooding and fight seepage water is a climate dike: a very broad dike on which one can live, work and relax. As a short term measure a water square will be created to store water temporarily during heavy rainfall.



COMBINING WATER, GREEN AND ENERGY

To further improve the water scenario and make it more sustainable a business plan is being developed for a local sustainable energy system (cold and heat storage) that can lower groundwater levels locally. Furthermore existing roofs of industries in the industrial area 'Latenstein' will be transformed into green roofs. In Tiel, local groundwater problems also create chances: by positioning sources for cold and heat storage in a smart way, local groundwater levels can be lowered in specific problem areas. It can also be used to tackle groundwater pollution. If possible, the system will be combined with residual heat from nearby factories.



LEGENDA	
	Hoofdinfrastructuur
	Aansluiting woon- en werkgebied
	Vrijliggende fietsroute
	Bestaande watergangen
	Verbreden of nieuwe watergang
	Afvoergoot
	Waterplein
	Landschappelijke zone
	Waterplein in combinatie met openbaar groen
	Drainage in combinatie met gescheiden afvoer
	Wadi
	Optie wadi
	Op te hogen terrein
	Klimaatdijk
	Wanderverbinding met de oevers vanuit de wijk
	Projectgrens
	Deel spoorsingel, 2 varianten uitwerken
	Watergang, 4 varianten
	Duiker aanpassen/oevoegen
	Stuw aanpassen/oevoegen
	Aanleg gemeal



PROJECT PARTNERS

