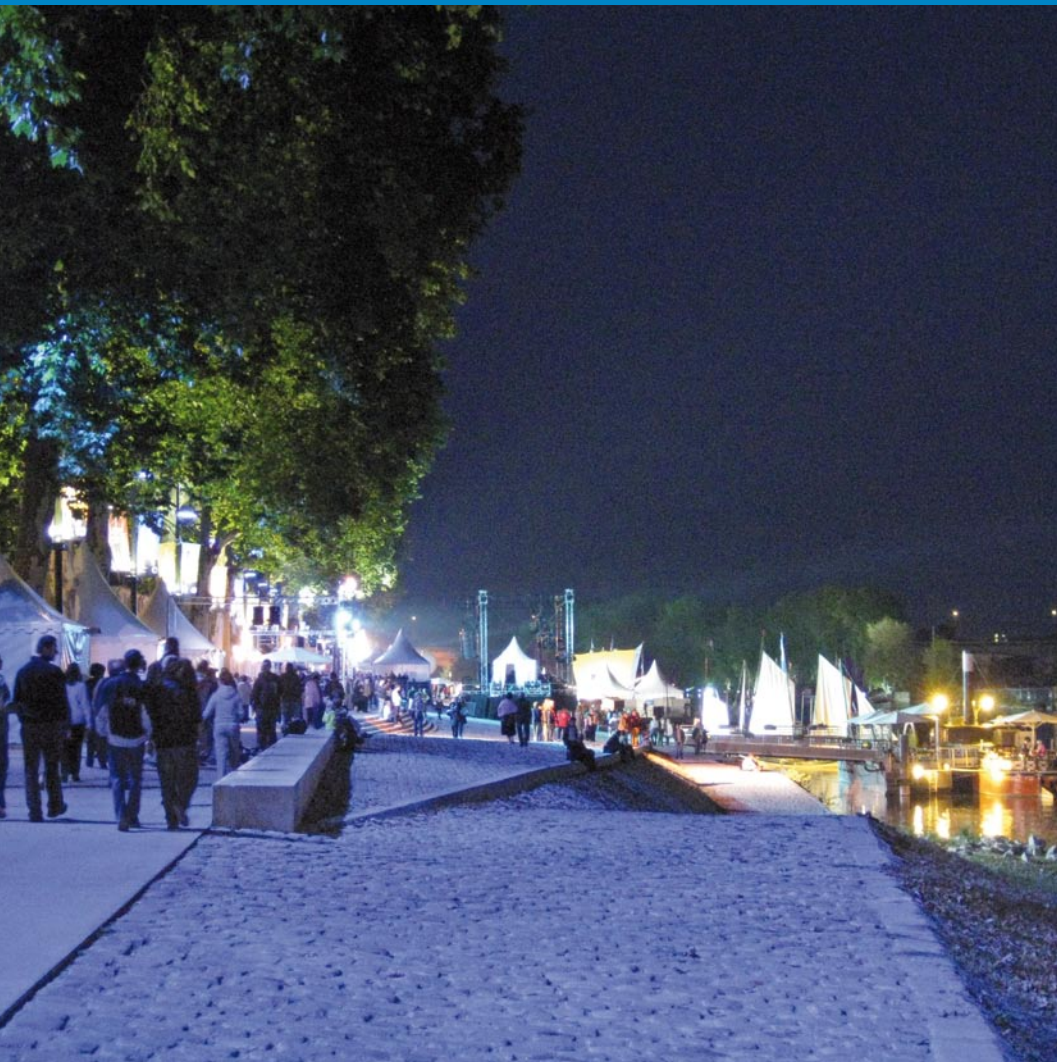




A brief sketch of the plan to relocate the dike



A unique urban river park in the heart of Nijmegen

### Why Room for the Waal Nijmegen?

Our climate is changing, as a result of which our rivers must transport increasingly larger amounts of water. In order to prevent future flooding, the Dutch government is making more room for our rivers at 39 locations throughout the country. These measures along the rivers IJssel, Lek, Maas and Waal together make up the programme Room for the River.

Room for the river Waal Nijmegen is one of these measures. The river Waal bends sharply near Nijmegen and moreover, it narrows itself in the form of a bottleneck. That the river may flood at high water as a result became clearly evident in 1993 and 1995. Adequate measures are necessary in order to protect the inhabitants of the city against the strength of the water.

In the case of Nijmegen, this involves moving the Waal dike in Lent and constructing an ancillary channel in the flood plains. This will create an island in the Waal and a unique urban river park in the heart of Nijmegen with room for living, recreational activities, culture, water and nature.

The solution is far-reaching, yet sustainable. The municipality of Nijmegen is proud that it has formulated a plan that accounts for safety and that strengthens the spatial quality of the environment.



Ingwer de Boer, programme director Room for the River:  
*'The Netherlands has no choice. We have to make more room for the rivers. Nijmegen has made a virtue of necessity and has developed a beautiful plan.'*

### The measure

The measure at Lent shown in phases.



The present situation with the existing dike.



The dike is to be moved 350 metres inland.



An ancillary channel is to be dug in order to give the river more room. This will create an elongated island.



Bridges across the ancillary channel.

Marijke Bouwmeister, Platform Waalsprong:  
*'The project has a huge impact on the area in which we live and work. We have succeeded together with the municipality in finding the largest common denominator and making the most of it.'*



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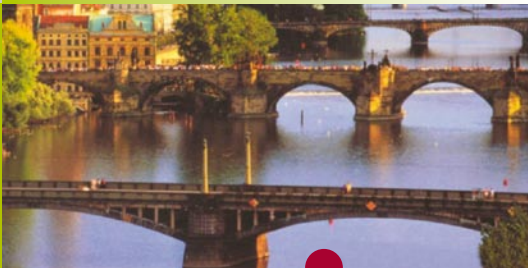
**The western part of the island**  
Nature, water and recreation make up the atmosphere west of the railway bridge. This is where you can stroll along the banks of the Waal and the ancillary channel. A place where you can enjoy a breath of fresh air. Cultural and other activities may take place here as well.



**Ancillary channel**  
A channel 150–200 metres wide and almost 3 kilometres long is to be dug after the dike has been moved back. This ancillary channel will collect part of the water in the Waal at high water, which will prevent flooding. The channel is to be natural in nature, but will also be suitable for water recreation, such as rowing and sailing. The channel is scheduled to be dug in 2013–2015.



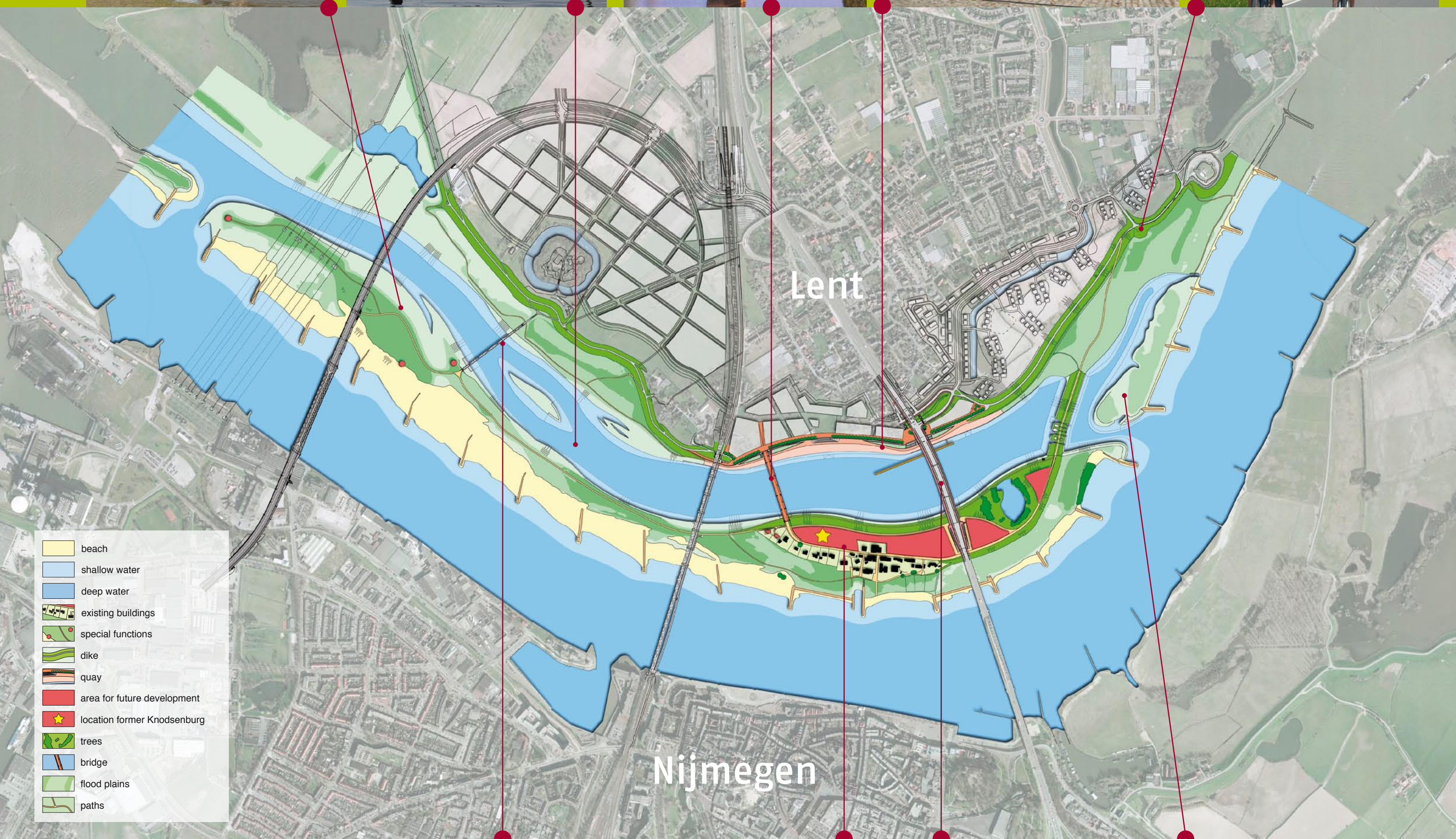
**Bridge Veur–Lent: Promenade bridge**  
The Promenade bridge connects the island with the new quay. The bridge can be considered a continuation of the city across the water; a promenade with lovely views. The bridge is accessible for automobiles, cyclists and pedestrians. The construction of the bridge is scheduled to take place in 2014–2015.



**New quay Lent**  
The quay has been designed as a paved sloping surface that gradually disappears into the water. The quay offers possibilities to enjoy a stroll, cycling, sitting outdoors on the terrace and to admire the boats on the landing place. A cut-off wall is to be constructed in part of the quay in order to prevent seepage. The quay is to be constructed in 2013–2015.



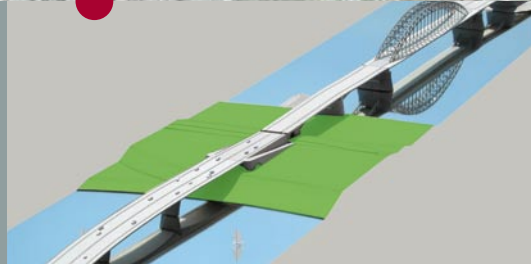
**Green dike**  
A completely new dike is required to the east of the Waalbrug. This green dike is to have the same classic profile as the current dike and is only accessible for cyclists, pedestrians and emergency service vehicles. The green dike too will be partially equipped with a cut-off wall.



**Citadel bridge**  
The Citadel bridge links the western part of the island to the future urban district de Citadel. The bridge is intended for cyclists and pedestrians. The construction of the bridge is planned in 2015–2016.



**Veur–Lent**  
This area links the inner city of Nijmegen up with the new residential areas in de Waalsprong. New houses and other forms of urban development will be realised in the central part of the island. The water between the island and the quay in Lent offers boating and rowing possibilities for young and old. The buildings on the island are to be realised after the year 2016.



**Extended “Waalbrug” bridge**  
Because an ancillary channel is to be constructed, the Waalbrug must be extended. The new part of the bridge is to be contemporarily designed. The Waalbrug is scheduled to be extended in the period 2014–2015.



**The eastern part of the island**  
The peninsula and the ancillary channel are somewhat shaggier to the east of the Waalbrug. Flocks of livestock graze here and keep the area passable. With the right shoes, you can enjoy foraging about the banks, bird watching or fishing.