

# PROJECT SHEET

**HARDERWIJK WATERFRONT**  
LARGEST REDEVELOPMENT PROJECT IN THE NETHERLANDS

## INTRODUCTION

Boskalis Nederland is involved in one of the largest redevelopment projects in the Netherlands. The Harderwijk Waterfront project involves the complete transformation of the lakeside area of this IJsselmeer town. The project covers a strip approximately six kilometers long, combining homes, work and recreation in a natural way. The Harderwijk Waterfront will generate a quality boost in many areas: quality of life, employment, traffic, tourism and the environment.

## DESIGN

Commercial activities and industry will be moved outside the town, creating openings for residential facilities, shopping and recreation close to and on the water. Harderwijk's leading attraction, the Dolfinarium, will remain easily accessible and acquire two underground car parks. The current car park, which is located between the old town centre and the lakeside, will be replaced by a stylish promenade leading to a new residential area, De Eilanden, which will include 1,600 homes close to or on the lake. Building work on the residences will start in the third quarter of 2013.

## FEATURES

Client	Municipality of Harderwijk
Location	Harderwijk, the Netherlands
Period	2012 – 2018
Contractor	Consortium Waterfront phase 2
Type of contract	Design & Construct



- A** artist impression Harderwijk Waterfront  
**B** extension of Lorentzhaven, aerial photo showing completion of site preparation phase, 11 September 2012



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### CONTRACTING CONSORTIUM

During the project, the municipal authorities are collaborating closely with the provincial authority of Gelderland and the private parties in a consortium consisting of Synchroon, Koopmans TBI Bouw, and Boskalis. Boskalis is responsible for the earthworks and the infrastructure. TBI will manage the construction of the residential properties and other buildings.

### THE BOSKALIS ROLE

The town will acquire a sandy beach again on the lakeside, which will be open to the public. Boskalis will be responsible for the 'Beach Island'. The current marina will then be moved, and a tourist harbor and a port for the old fishing fleet will be built. Acting for vof Waterfront, Boskalis Nederland will execute all the civil-engineering and underground infrastructure work for the project. We will primarily be deploying dry earthmoving equipment. The work began in the first quarter of 2012 and it will take at least six years.

#### Quantities:

Earthworks: approximately 1,000,000 m<sup>3</sup>  
(wet and dry, phase 2)  
Other materials: Structuring of public area

### CHALLENGES

An unusual and complex aspect of this large-scale project is that the work will be located in the tourist area of the town, even though activities in and around the town will have to continue. The Dolfinarium welcomes one million visitors annually, and they must be able to reach this leading attraction. In addition, Harderwijk itself attracts large numbers of recreational visitors.

### LOCATION MANAGEMENT

In collaboration with the municipal authorities, the consortium is committed to providing the inhabitants and businesses of Harderwijk with clear information about the progress of the work. The sounding board group is closely involved and it has an active say. There is a website, and a news bulletin, which will allow us to reach large numbers of stakeholders. Boskalis has established close contacts with the local hotel and catering trade so that they can be informed about the progress of the work. The residents of Harderwijk can now see the new Beach Island taking shape and they are enthusiastic about the future look of the new facilities.



- C** Extension of Lorentzhaven, rock depot for placement of rock on slopes, 31 May 2012
- D** Extension of Lorentzhaven, sand transportation for land reclamation and removal of rubble from existing dams, 31 May 2012
- E** Construction of 1st phase of Beach Island, land reclamation, 10 September 2012

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