

### BOSKALIS ENVIRONMENTAL

Boskalis Environmental is involved in soil cleaning, the processing of dredged sediment, water and land remediations, resource reuse and depot management. We specialize in the large scale cleaning of contaminated soil and mineral waste. In doing so, we use techniques that we develop ourselves and installations that we design and build ourselves. We also take care of the entire process, including inspection, planning, transport and marketing of the partial flows.

Because we have our own technical service, engineering department and laboratory, we are able to carry out complex projects in full: from the preliminary research, the design and the project management, to the construction of the necessary installations, the implementation and the operations.

Boskalis Environmental works closely with Boskalis Netherlands and Boskalis International. Our products are used as building materials within Boskalis Netherlands (including Beaumix®). The Raw Materials Department takes care of its marketing and reuse in, amongst others, various projects of Boskalis Netherlands.

### HANDLING OF FINES

By dosing a polymer suitable for the type of material, the settling of fine particles in water is accelerated. The selection of the right polymer takes place in our own laboratory. For the dosage of the polymer we have designed a polymer dosing unit. It is placed in a 20 ft shipping container, which makes transport to a project location possible. In this unit, polymer is mixed, diluted and dosed after measurement of the incoming density. This process is automated to enable remote control and checks. By controlling the dosage of the polymer at the incoming density, overdose is kept to a minimum.

For example, our polymer dosing unit can be used on projects where limited depot space is available, the time schedule of the project is tight and/or where strict requirements are placed on the turbidity of overflowing water in the environment. Often, the sludge that is settled in a basin, after drainage, can easily be transported and re-used or processed elsewhere.



**A** Polymerdosingunit in Tanger, Marocco

### CONTACT DETAILS

#### **Boskalis Environmental**

##### **Headquarters**

P.O. Box 76

3350 AB Papendrecht

The Netherlands

**T** +31 (0)78 69 69 000

**E** [environmental@boskalis.com](mailto:environmental@boskalis.com)

[www.boskalis.com](http://www.boskalis.com)

##### **Sr. Project Engineer**

Harry van Dam

**E** [harry.van.dam@boskalis.com](mailto:harry.van.dam@boskalis.com)

##### **Project Engineer**

Jeroen van Beem

**E** [jeroen.van.beem@boskalis.com](mailto:jeroen.van.beem@boskalis.com)