

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.

SOIL TREATMENT

Since the late 1980s, Boskalis Environmental has been cleaning contaminated soil and other mineral waste streams. Our process consists of extractive cleaning, in which the coarse parts are being separated from the fine parts by fraction separation. This creates reusable sand (about 65-90% of the incoming stream, depending on the soil composition), a debris fraction and a sludge fraction. This sludge fraction contains the contaminants and is transported to a landfill after dewatering.

In the Netherlands we have three locations where contaminated materials are collected and processed. In total, we process between 500,000 and 600,000 tons of contaminated materials each year. Every year we produce about 350,000 to 450,000 tons of cleaned sand that is mainly used in infra-structural works.

Our installations are built in container skids that make them easy to mobilize to another location in the Netherlands or elsewhere in the world. Depending on the project, we can add additional parts. The engineering for this is present within Boskalis Environmental.



A Soil treatment installation in Schiedam

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