

### **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.

### **INCINERATOR BOTTOM ASH WASHING**

Since the opening of the incinerator bottom ash (IBA) washing plant, in collaboration with HVC, the home market for Boskalis Environmental enlarged. Boskalis Netherlands' strong position in infrastructural works in our country gives a good guarantee for the marketing of cleaned products. About 80% of the treated bottom ash is converted into freely applicable building material, called Beaumix®.

In addition to engineering the most efficient cleaning process, attention is also paid to the recovery of Ferrous and Non Ferrous metals. Because of our fully integrated, wet process, we can recover precious metals from the finest fraction.

The washing process as we apply it for IBA, is part of the Green Deal as established between the Ministry of Infrastructure & Water Management and all Dutch waste incinerators. IBA produced after 1 January 2020 can no longer be used as IBC building material (isolate, control and check), but should be treated to an unrestricted use building material. This no longer needs to be monitored for environmental quality within the building object and doesn't have to be applied 'removable and packed'.



**A** The incinerator bottom ash (IBA) washing plant, in Alkmaar

**CONTACT DETAILS**

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