

## Landfill Cunnersdorf - Expansion and Closure -

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**Project target:** Planning, supervision and accompanying construction works for the remediation and extension of the landfill through the erection of a base sealing according to the TASie regulations and the FIDIC rules.

**Location:** Cunnersdorf  
**Client:** Regulatory Body  
for Waste  
Management  
Upper Elbe Valley

**Beneficiary:** Regulatory Body  
for Waste  
Management  
Upper Elbe Valley

**Time period:** 1994 – 2001

**Constr. Costs:** 5,8 Mill.€

### Initial situation:

Due of the contamination of the water, soil and the air, the existing unsorted communal landfill presented a danger to the surroundings, the population and the environment Through suitable measures, the guarantee had to be given for a further operation and the final orderly closing of the landfill

### Main tasks:

- Overall planning
- Preparation of the tendering procedure
- Construction supervision (FIDIC)

### Technical data:

- |                                |                             |
|--------------------------------|-----------------------------|
| - Expansion volume:            | 230.000 m <sup>3</sup>      |
| - Total area:                  | 4,6 ha                      |
| - Final height:                | 23 m                        |
| - Inclination of slope:        | 1:3                         |
| - Expansion of the basis:      | Mineral soil<br>after TASie |
| - Multi-layer surface sealing: | 150 m <sup>3</sup>          |
| - Seepage collection:          | External                    |
| - Seepage treatment:           | External                    |

### Computer Simulation

Embankment against visibility

