

Bio-mechanical treatment plant for the region of Vogtland

C&E · Consulting und
Engineering GmbH



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Project objective: Construction planning for the construction of a bio-mechanical treatment plant for the region of Vogtland

Location: Oelsnitz/Vogtland

Client: Nehlsen Dresden GmbH & Co. KG

Beneficiary: Betreibergesellschaft Deponie Schneidenbach GmbH

Period: 2005 - 2007

Budget 550.000 €



Project Services:

Object planning for a processing plant with a capacity of approx. 100.000 t/a including the following key aspects:

- Creation of constructional documents as well as expert reports of noise emission, atmosphere containments emission and odour emission
- Soil examination
- Object planning work phases 1-9 for the industrial building and parking area
- Object planning work phases 1-9 and structural engineering, work phases 1-6 for cantilevered halls (span length 30 m, total roof area 5.600 m²) and integrated connecting structure/control room
- Infrastructural planning work phases 1-9 (surface water system, industrial water system, extinguishing system, drinking water system, traffic areas, transit yard, container storage spaces)
- Open area planning, greening, environmental mitigation and compensation measures
- Small delivery area, company petrol station
- Preparation of the total mass balance (approx. 30.000 m³ earthmoving)
- Planning for the external and internal site development (electrics, drinking water, gas)
- Project supervision and on-site supervision of construction

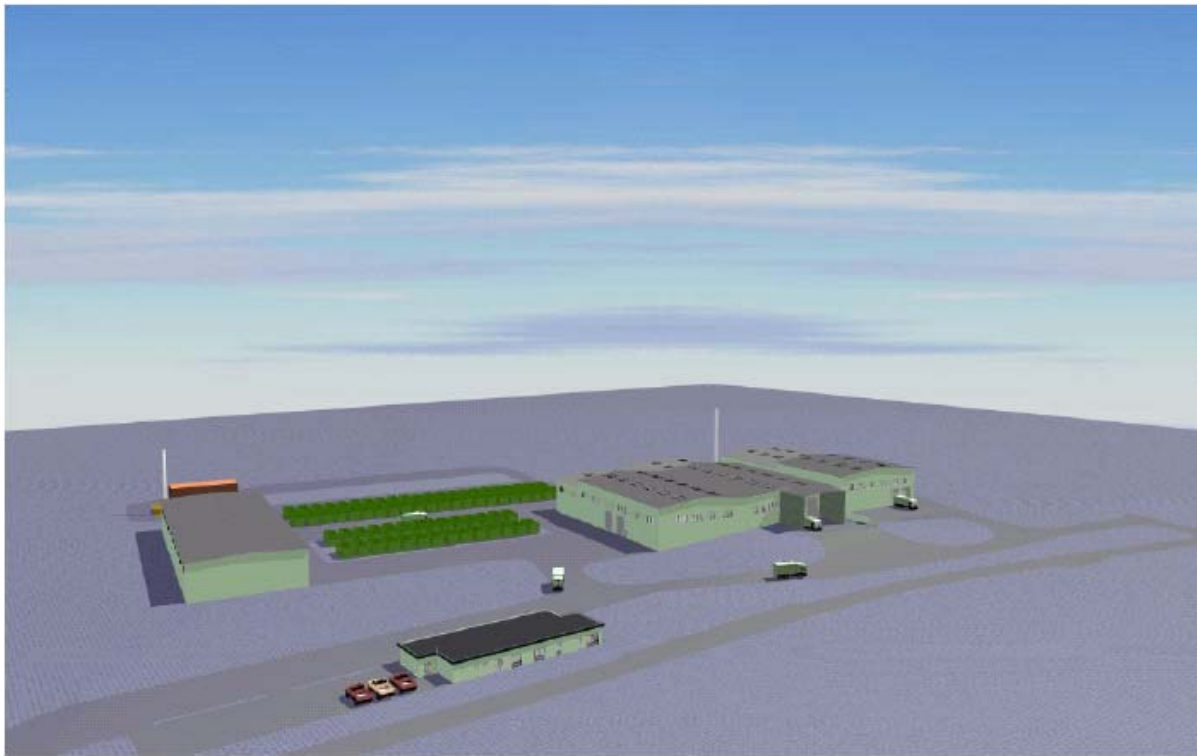
- Total budget: approx. 17,5 Mio € (without mechanical engineering and ventilation)

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