

Construction of Biomass Power Station and Sewage Sludge Mineralization

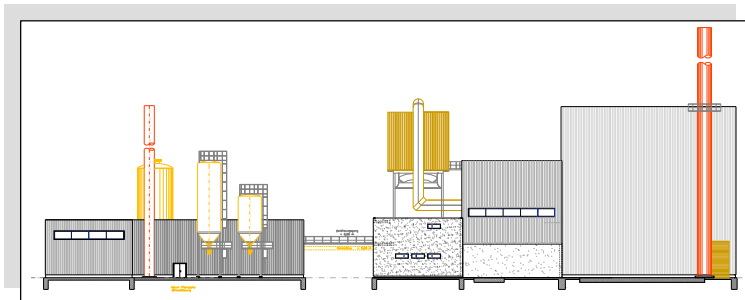
KSV GmbH, Dinkelsbühl, Germany



Project characteristics

The thermal recovery for biomass and sewage sludge of KSV company is implemented in the industrial area "Waldeck" near by the city of Dinkelsbühl. KSV is an association of the public utility company of Crailsheim and 27 municipalities, which purpose the recovery of biomass and sewage sludge.

Biomass power plant and sewage sludge treatment plant form the main parts of the installation. The feedstock for the power plant is mainly natural wood from the forestry and scrap wood. The objective of the sewage sludge treatment plant is to dry and to mineralize the municipal sewage sludge.



Key data at a glance

Start of construction (first spade)	Oct. 2006
Power input	Dec. 2007
Completion	March 2008
Investment	31 million €
Fuel throughput	ca. 87,000 t/a
Thermal output from incineration	32 MW
Power Output	max. 9.5 MW
Thermal output	10 MW
Sewage sludge throughput.....	22,000 t/a
Mineralized residue	3,100 t/a

Tasks carried out by AWIPLAN-PPD

- Design and tendering of subsoil constructions
- Design and tendering of civil constructions and technical supply of administration building, boiler house and process buildings
- Consulting during tendering phase
- Conducting of bidder talks and consulting of BHI GmbH
- Contract negotiations
- Statical calculation and implementation drawings
- Project management and construction survey service during erection phase