

# Sewage Sludge Incineration in BURSA, Turkey

IGIP, Darmstadt, KfW, Frankfurt



## Project characteristics

Financed by the German governmental bank, KfW, Kreditanstalt für Wiederaufbau, the implementation of sewage sludge treatment facilities at the waste water treatment plant in the city of Bursa is in realization.

The waste water treatment association of BURSA is processing the waste water of 2.6 million people. The total project comprises the reconstruction of 4 existing plants and the new construction of 6 plants.

Technical concept:

- Drying of the dewatered sludge
- Fluidized bed incineration
- Generation of electricity with steam turbine
- Waste heat recovery



### Key data at a glance

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Decision of realisation .....	2012
Completion .....	2015
Capacity .....	29.5 t sludge/h
Capacity (24 % DM) .....	236,000 t/a sludge
Financial budget .....	80,000,000 €
Fluidised bed incineration .....	2 x 13,0 MW
Mineral residues .....	20,000 t/a