



# COTTEN VALLEY

Milton Keynes, England

## FACTSHEET



### Project and Plant data:

- 22,240 metric tonnes DS/year.
- 2 x 3,750m<sup>3</sup> digester.
- 4 reactor Cambi THP.
- +1 MWe and process steam.
- Doubling digestion throughput.
- Class A pasteurized product.
- increased sludge dewaterability.
- Importing sludge avoids investments elsewhere.

[cambi.com](http://cambi.com)





## COTTEN VALLEY, MILTON KEYNES

In November 2006 Black & Veatch (then Gleeson Ltd) signed a contract with Cambi AS for 4 reactor Thermal Hydrolysis plant for the pre-treatment of sludge prior to anaerobic digestion for Cotten Valley sludge treatment center.

The center is located at Milton Keynes Wastewater Treatment Works with a population equivalent of approx 288,000 but will also import sludge from similar population equivalent.

The plant is in commissioning (first half 2008)

### The benefits of the Cambi process are:

- More than doubling throughput of the existing digesters and making capacity for the next twenty years.
- Adding 1MW of renewable energy.
- Improvement of final product to a class A well dewatered product
- Avoidance of further capital expenditure at other sites by importing raw sludge from sites with no digestion.



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