



Oslo

Oslo,, Norway, Romerike Biogas Plant

FACTSHEET



Project and Plant data:

- Turnkey project: Cambi main contractor
- Client: Energigjenvinningsetaten Oslo, Norway
- Feedstock: Foodwaste
- Capacity: 50 000 t/a.
- B12x2 reactor Cambi THP system.
- Production of upgraded biogas to serve 135 local buses.
- Production of biofertilizer to serve 100 medium sized farms.
- Co2 savings: 10 000 t/a.
- Construction start: summer 2011
- Completion: December 2013

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OSLO, NORWAY

The city of Oslo awarded Cambi the important biogas plant contract. This is the largest contract in the Cambi's history.

Cambi is today the world's leading provider of advanced digestion systems based on its patented thermal hydrolysis process (THP)

The biogas plant is designed and manufactured to the highest specifications in biowaste sector. The order includes design, installation and commissioning of a complete turnkey biogas plant to treat 50 000 t/a of food waste. In addition, the plant produces approx 11 700 t/a of liquid biofertilizer and 15 300 t/a solid fertilizer to serve about 100 medium-sized farms.

The order also includes a facility to produce upgraded fuel gas for buses in Oslo. Biogas production is an effective measure to replace fossil fuels with renewable fuels. The new plant will put the Oslo-region in the forefront of environmental development. Replacing diesel with upgraded biogas to fuel 135 buses or similar vehicles will reduce fossil CO2 emissions by 10,000 tonnes a year. Biogas in buses means cleaner air and less noise for Oslo's 500 000 residents. Planned construction start for the biogas plant is summer 2011 with completion by the end of 2013. Cambi is the main contractor for this turnkey project. The Norwegian construction company Veidekke will provide all the civil work as a supplier to Cambi. The location of the plant is Nes in Romerike, an agricultural region north of Oslo.

The benefits of the Cambi process are:

- Robust and flexible system with full odour control.
- Pathogen free bio-fertilizer.
- Highly automated process.

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-recycling energy

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