

IFAT-Excursion to
Straubing
16 September 2010

**Visit the
“Wastewater Treatment
Plant of the Future”!**



WWTP Straubing is unique in the world when it comes to implementing innovative, future-oriented technologies. Any treatment techniques and processes applied or planned to be implemented focus on the aspects of energy efficiency and resource protection.

- ▶ Co-fermentation for biogas generation
- ▶ Power generation from biogas through CHP
- ▶ Utilisation of exhaust heat from CHP for sewage sludge drying
- ▶ Heat recovery from wastewater to heat buildings
- ▶ Energy-autarkic thermal sewage sludge utilisation
- ▶ Service water treatment by means of membrane filter technology
- ▶ Recovery of ammonium sulphate (fertilizer)
- ▶ Phosphorus recovery from sewage sludge ash.



Aerial photo of WWTP Straubing

Schedule

09:00 Departure from IFAT

10:30 Arrival at WWTP Straubing

- ▶ Welcome by Markus Pannermayr, mayor of the city of Straubing, and Dipl.-Ing. Cristina Pop, head of the city's civil engineering division
- ▶ Tour of WWTP Straubing
- ▶ Demonstration of the sewage utilisation system:
HUBER Belt Dryer and
HUBER sludge2energy

12:45 Lunch buffet

13:45 Demonstration of the wastewater heat utilisation system:
HUBER ThermWin®

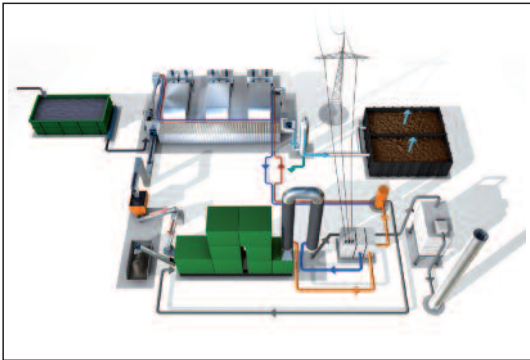
14:30 Departure back to IFAT

16:00 Arrival at IFAT

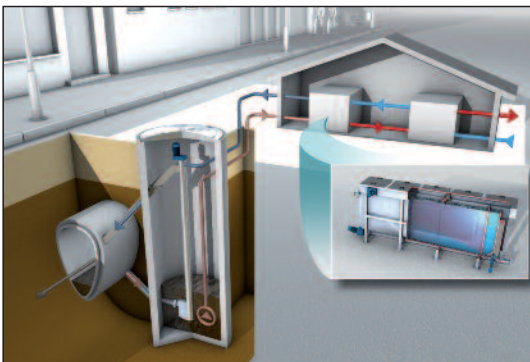


HUBER Belt Dryer BT^{plus}

Use the opportunity to visit WWTP Straubing during IFAT and experience the potential that lies within a sewage treatment plant if wastewater is understood as a resource!



Schematic drawing of the HUBER sludge2energy system for sewage sludge utilisation



*HUBER ThermWin® system consisting of:
HUBER Wastewater Heat Exchanger RoWin and
ROTAMAT® Pumping Stations Screen HUBER
RoK 4*

Register for the excursion to WWTP Straubing on 16 September 2010:

Fax: +49 (0) 8462/201-389

I will participate.

Title, first name, second name

Function

I will be unable to participate but

Company / Institution

would appreciate if you offered me another visit date.

Street / No.

Post Code / Place

Place / Date

Signature

E-mail

The number of participants is limited. Registration will be accepted as a first-in-first-serve basis as received.



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