

150
YEARS 1872-2022

HUBER
TECHNOLOGY
WASTE WATER Solutions



IFAT EXCURSIONS 2022

- ▶ Sewage treatment plant Bayreuth
- ▶ House of Bavarian History museum Regensburg
- ▶ STP Vohburg, STP Nuremberg
- ▶ Emter GmbH Altenstadt and STP Penzing

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1
Sewage treatment plant Bayreuth





2
House of Bavarian History museum Regensburg



3
Sewage treatment plant Vohburg
Sewage treatment plant Nuremberg



4
Emter GmbH in Altenstadt +
Sewage treatment plant Penzing

-  **Date:** 31 May 2022
-  **Departure from IFAT:** 09:15
Arrival at IFAT: 17:45
-  **Meeting point:** HUBER stand

These HUBER solutions can be seen at the Bayreuth wastewater treatment plant (capacity 300,000 p.e.):

Mechanical preliminary treatment with


- ▶ HUBER Multi-Rake Bar Screen RakeMax® CF
- ▶ HUBER Multi-Rake Bar Screen VersaMax®

HUBER combined solar and regenerative sewage sludge drying

- ▶ 7.000 m² drying area
- ▶ 100,000 m³ digested sludge per year

HUBER grit treatment system

- ▶ Capacity: 6000 t/a
- ▶ Grit intake – coarse material removal – grit washing




-  **Date:** 31 May 2022
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Heating and cooling with wastewater

It is the new gateway to the UNESCO World Heritage City of Regensburg: the House of Bavarian History was opened in June 2019 and shows the emergence of modern Bavaria.

The HUBER ThermWin process was chosen as the solution for heating and cooling the museum:

- ▶ Extraction of 70 l/s from the sewer
- ▶ 2 HUBER Heat Exchanger RoWin
- ▶ Heating capacity 2 x 280 kW
- ▶ Cooling capacity 2 x 500 kW




-  **Date:** 1 June 2022
-  **Departure from IFAT:** 09:30
Arrival at IFAT: 17:00
-  **Meeting point:** HUBER stand

STP Vohburg

- ▶ HUBER Drum Screen LIQUID replacing primary settling tank
- ▶ Reduction of electricity consumption by 80% due to conversion from aerobic to anaerobic sludge stabilisation

STP Nuremberg

- Mechanical preliminary treatment with
- ▶ HUBER Multi-Rake Bar Screen RakeMax® and HUBER Safety Vision system for contaminant detection
 - ▶ HUBER Wash Press WAP® units
 - ▶ HUBER Coanda Grit Washer RoSF4

-  **Date:** 2 June 2022
-  **Departure from IFAT:** 11:30
Arrival at IFAT: 16:30
-  **Meeting point:** HUBER stand

Sewage sludge drying

The waste management company

Emter in Altenstadt operates, among other facilities, a mono-sludge incineration plant with a connected HUBER Belt Dryer BT.

- ▶ HUBER Belt Dryer BT 24
- ▶ Waste heat utilisation from existing sewage sludge utilisation plant
- ▶ Commissioning 2021
- ▶ Capacity 20,000 t/a dewatered sludge

At the **Penzing sewage treatment plant**, a HUBER solar sewage sludge drying system has been in operation for several years:

- ▶ HUBER Screw Press Q-PRESS®
- ▶ HUBER Sludge Turner SOLSTICE®

Registration

I would like to participate in the following excursion(s):

- Excursion 1: STP Bayreuth
31 May 2022
- Excursion 2: House of Bavarian History
Regensburg
31 May 2022
- Excursion 3: STP Voburg and
STP Nuremberg
01 June 2022
- Excursion 4: Emter GmbH Altenstadt and
STP Penzing
02 June 2022

Title First Name

Name

Company/Institution

Street, Number

.....

Postcode, Town/City

E-Mail

Please send registrations by e-mail to:
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