

# IFAT Excursion to Klinikum rechts der Isar May 16, 2018

**Heat recovery from the  
wastewater of the  
hospital's central sterile  
services dept.**



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Register for the excursion to Klinikum r.d. Isar

**Fax: 08462/201-88505 or [fes@huber.de](mailto:fes@huber.de)**

- I will participate in the excursion on May 16, 2018.
- I will be unable to participate but would appreciate if you offered me another visit date.

\_\_\_\_\_  
Title, First Name, Second Name

\_\_\_\_\_  
Function

\_\_\_\_\_  
Company / Organisation

\_\_\_\_\_  
Street / No.

\_\_\_\_\_  
Post Code / Town/City

\_\_\_\_\_  
Place / Date

\_\_\_\_\_  
Signature

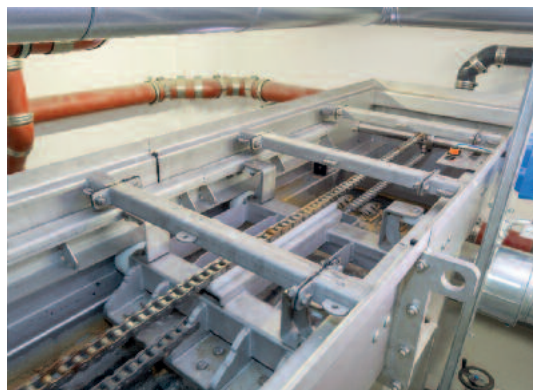
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E-Mail

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

### Energy saving made by HUBER

The Rechts der Isar Hospital of the Technical University of Munich is an internationally prestigious centre of high performance medicine. About 5000 employees dedicate themselves to the care of sick, research and science. With more than 30 clinics and departments and about 1100 beds the hospital is a house of supramaximal care covering the whole spectrum of modern medicine.

To be able to meet the highest hygiene standards the hospital runs a central sterile supply department (ZSVA), certified to DIN EN ISO 13485 and DIN EN ISO 9001 standards, where surgical instruments are collected after operations, washed, disinfected and packed until the next use. The instruments are treated in autoclaves which produce hot water that is pumped off after the washing process. The generated wastewater has a mixing temperature of 50-70 °C and thus possesses an enormous energy potential.



*Cleaning system of the HUBER Heat Exchanger RoWin*

The water is collected in the basement of the building and cooled there in a HUBER Heat Exchanger RoWin. The recovered energy is transferred directly into the feed line to the autoclaves. A continuous output of approx. 60 kW can be recovered this way.

With this technical solution HUBER substantially contributes to energy and CO<sub>2</sub> saving in the Klinikum rechts der Isar.

### Convincing advantages

- Low primary energy consumption
- CO<sub>2</sub> savings due to the use of regenerative energy
- Fully integrated into the hospital's technical building systems
- Totally enclosed, no odour nuisance
- Self-cleaning



*HUBER Heat Exchanger RoWin at Klinikum rechts der Isar*

### Program of May 16, 2018

- 09:30 Meeting point
- 10:30 Arrival at the hospital
- 10:35 Visit of the HUBER plant
- 11:45 Return to IFAT
- 12:45 Arrival at IFAT trade fair centre

Participants are requested to meet at the HUBER stand before departure from Munich. Our ladies at the information desk will help you find the meeting point.

Use the chance to see first-hand an innovative concept for energy and CO<sub>2</sub> saving and get an idea of which potential could be hidden also in your plant!



*Klinikum rechts der Isar*