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## HUBER SE receives order for world's largest solar sludge drying plant



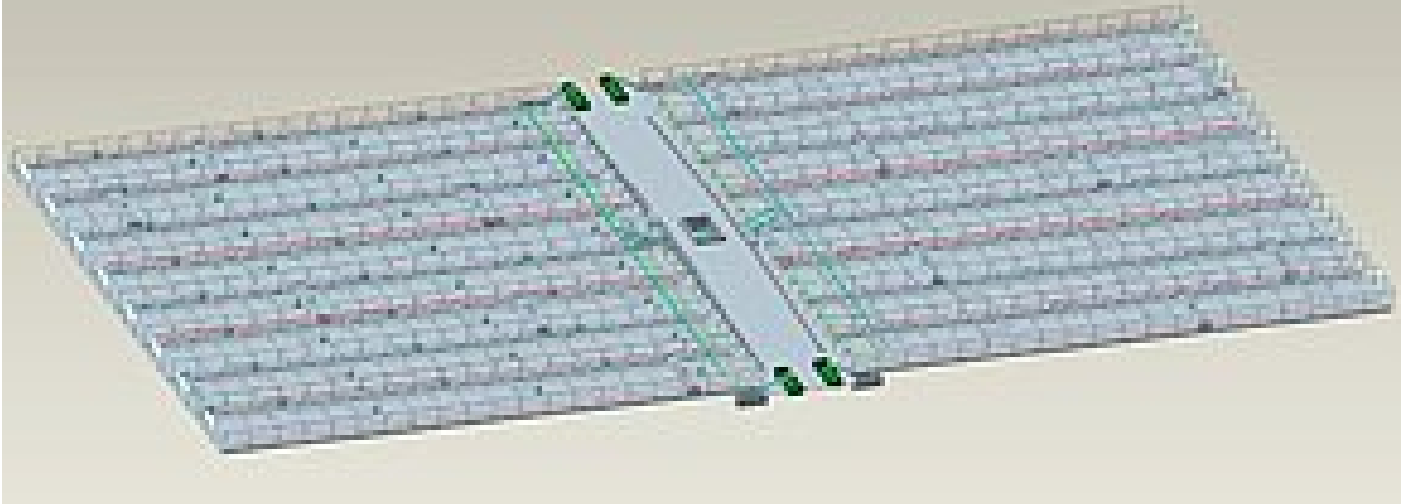
*Impressive in size – the huge construction site in Egypt*

A sewage treatment plant is under construction in Egypt, in the east of the Suez Canal, for the treatment of wastewater and agricultural wastewater from the sewer system Bahr El-Baqar.

To ease the water shortage in the Sinai region, the clarified water will be returned to the El-Salam canal and serve for the irrigation of agricultural land on the Sinai Peninsula. With a total capacity of 5 million m<sup>3</sup> per day, this plant will be the biggest water treatment plant in the world.

Huge amounts of sludge are generated in the different treatment processes on the wastewater treatment plant. This sludge will be dried with the technology of HUBER that uses solar energy for drying to reduce sludge mass and volume.

A total of approximately 475,000 t dewatered sludge per year are to be dried from 24% DS to approximately 75% DS. To achieve this, 128 greenhouses will be erected on a space of 16 ha, in which 128 HUBER Sludge Turner SOLSTICE® units will ensure reliable sludge



*The concept of the solar HUBER sewage sludge drying solution with 16 greenhouses. A total of 128 greenhouses will be installed on site for the 8 x 16 solar sewage sludge drying systems with HUBER Sludge Turner SOLSTICE®*

drying.

In addition to the 128 sludge turners, HUBER will also supply the complete fully automatically operating sludge supply and feeding unit with push floor system and HUBER Screw Conveyor Ro8 T units. Furthermore, HUBER will supply the electrical control for the complete solar drying plant and, of course, provide the complete detailed process engineering.

The customer of HUBER SE is already on site with more than 1,400 workers, building several concrete structures, foundations, etc., to provide for the problem-free mechanical and electrical installation and commissioning in 2020. In the meantime, HUBER is working at full speed to manufacture the equipment. The first containers will be shipped to Egypt already in early 2020.

**Related Products:**

- [HUBER Solar Active Dryer SRT](#)

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