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HUBER Solutions for efficient Sludge Treatment

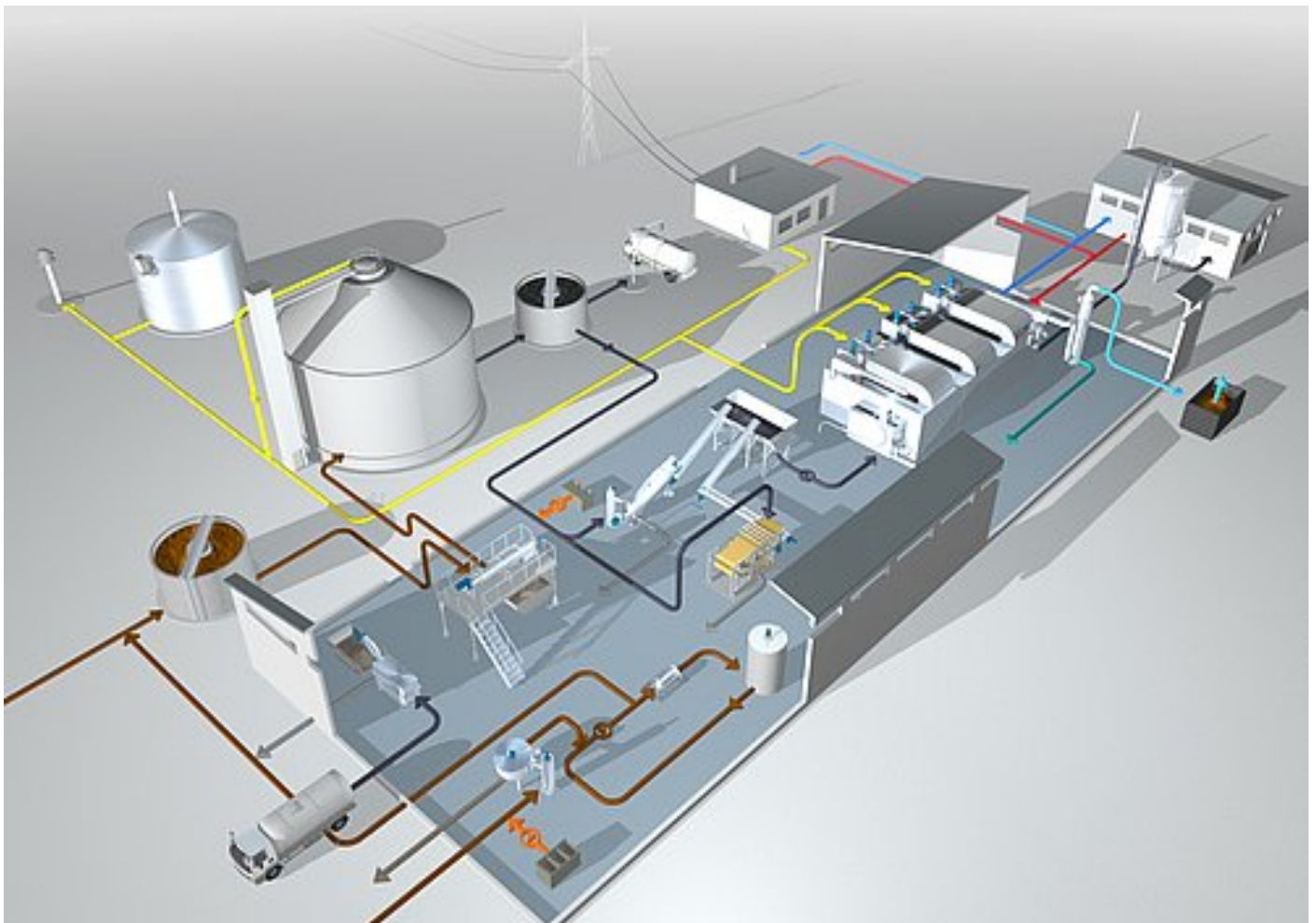
The better wastewater is treated, the more sludge is generated thereby. Primary sludge consists of solids removed from raw wastewater. Secondary sludge consists of biomass generated by biological treatment. Tertiary sludge is generated by advanced chemical/physical treatment.

Most important processes of sludge treatment include:

- **Screening** for removal of debris and other solids
- **Thickening** for reducing the sludge amount by concentrating solids
- **Hygienizing** for inactivation of pathogens
- **Dewatering** by mechanical water removal
- **Drying** by thermal water removal (evaporation)
- Incineration by thermal oxidation of organic solids

We offer highly efficient and comprehensive HUBER Solutions for sludge treatment, from mechanical pre-treatment with screens to sludge reuse.

System Concept



Click on the image to get a detailed, interactive view with additional information and links.

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Case Studies

- Erlangen decides in favour of HUBER technology for sewage sludge drying
- HUBER is pleased to announce the selection of its equipment for the La Crosse 2021 Wastewater Treatment Facility Upgrades
- HUBER modernises sludge drying on Mannheim wastewater treatment plant
- A HUBER Technology Wastewater Case Study at Cannock STW for Severn Trent Water
- Sludge Acceptance and Screening at Wanlip STW for Severn Trent Water
- A Sludge Thickening Case Study: Anglian Water, Great Dunmow WRC
- HUBER's Sludge Screens Help SAWS Receiving Stations Handle Deliveries
- From thin sludge to dry granulate – all from one source
- New HUBER Screw Press Q-PRESS® 620.2 for sludge dewatering: operational experience on STP Bad Orb
- Magilligan WwTW - A Wastewater Case Study
- Belt Dryer BT 8 in Nova Gorica, Slovenia
- Flexible Disc Thickener on WWTP Waging
- STRAINPRESS® for sludge screening at Amsterdam: 3 years of successful operation
- Cold weather cannot stop the HUBER Solar Dryer SRT
- Use of Heat from Biogas Cogeneration for Sludge Drying
- HUBER Septic Sludge Treatment in Kuching/Sarawak

Photos



Products

- Sludge Screening
- Sludge Thickening
- Sludge Dewatering
- Sludge Drying

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