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HUBER Solutions for efficient Sludge Treatment

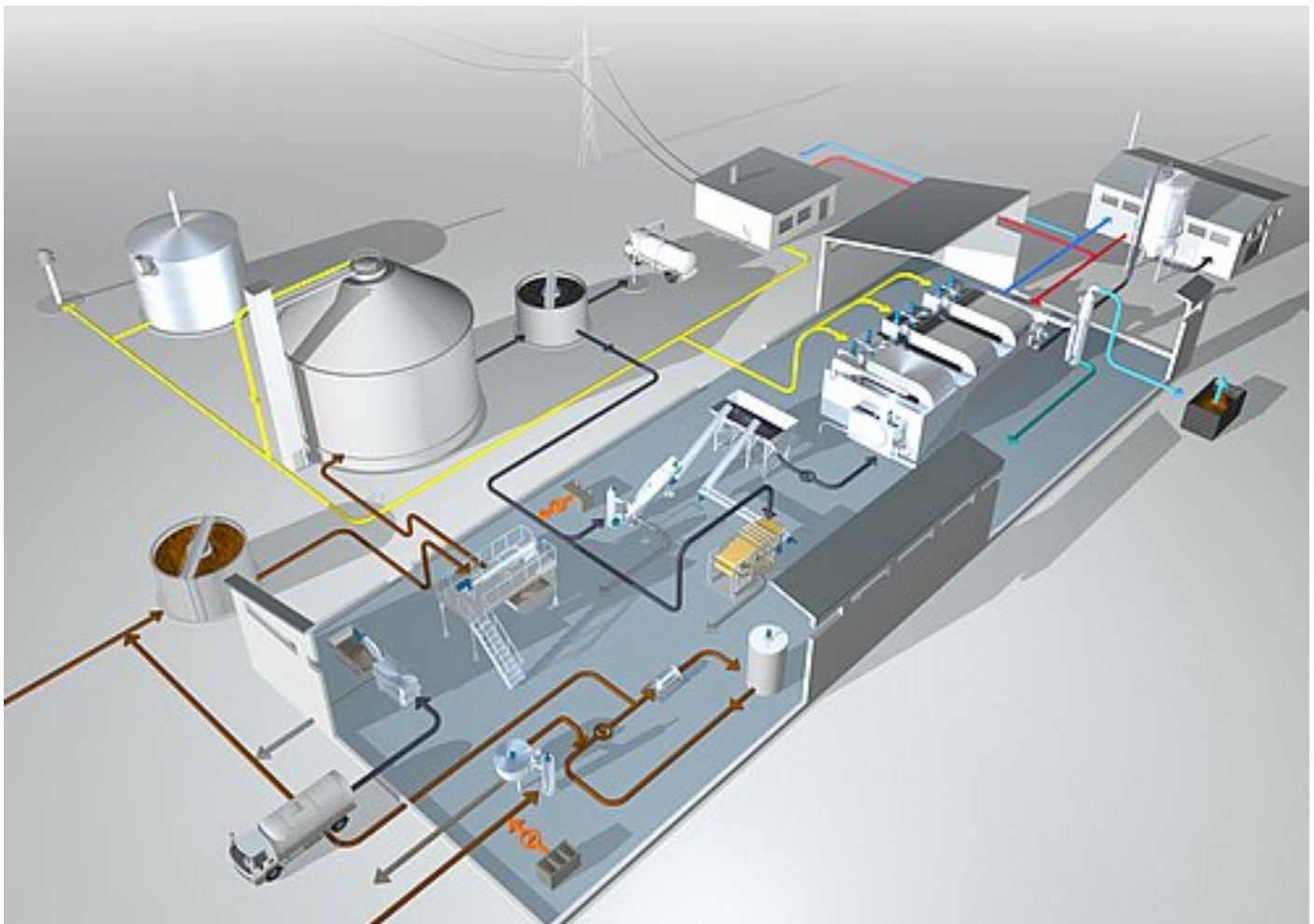
The better wastewater is treated, the more sludge is generated thereby. Primary sludge consists of solids removed from raw wastewater. Secondary sludge consists of biomass generated by biological treatment. Tertiary sludge is generated by advanced chemical/physical treatment.

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

- [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](#)
- [HUBER SE builds one of the biggest sewage sludge utilisation plants worldwide](#)
- [Belt Dryer BT 8 in Nova Gorica, Slovenia](#)
- [Flexible Disc Thickener on WWTP Waging](#)
- [Screw Press replaces centrifuge: Successful operation of a HUBER Screw Press RoS3Q 440 on WWTP Gleißfeld](#)
- [Economy of space in existing structures – STP St. Oswald in Austria](#)
- [STRAINPRESS® for sludge screening at Amsterdam: 3 years of successful operation](#)
- [Cold weather cannot stop the HUBER Solar Dryer SRT](#)
- [First HUBER belt dryer for sewage sludge in the USA](#)
- [More than 96% sludge volume reduction: Big HUBER Screw Press units convince international customers](#)
- [Test and operating results achieved on WWTW Köln-Stammheim](#)
- [Small Screw Press RoS 3Q Exceeds all Expectations](#)
- [Use of Heat from Biogas Cogeneration for Sludge Drying](#)
- [HUBER SeptageTreat® Solution in Sweden](#)
- [HUBER Septic Sludge Treatment in Kuching/Sarawak](#)
- [Sewage Sludge Screening Eliminates Operating Problems](#)
- [ROTAMAT® Disc Thickener RoS 2S – A perfect reference of reliability](#)

Photos



Products

- [Sludge Screening](#)
- [Sludge Thickening](#)
- [Sludge Dewatering](#)
- [Sludge Drying](#)
- [HUBER Solution for On-Site Sludge Incineration](#)

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