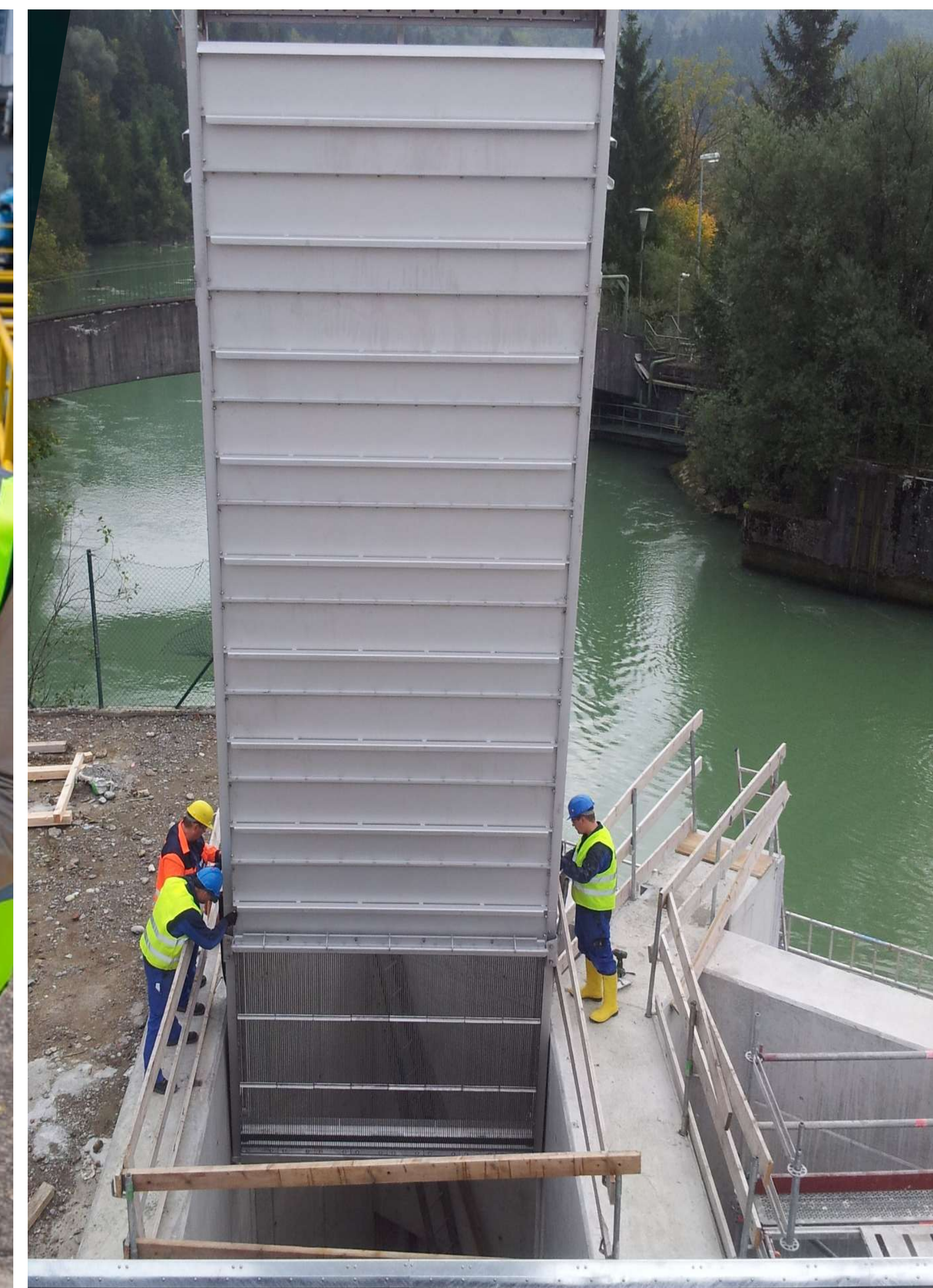
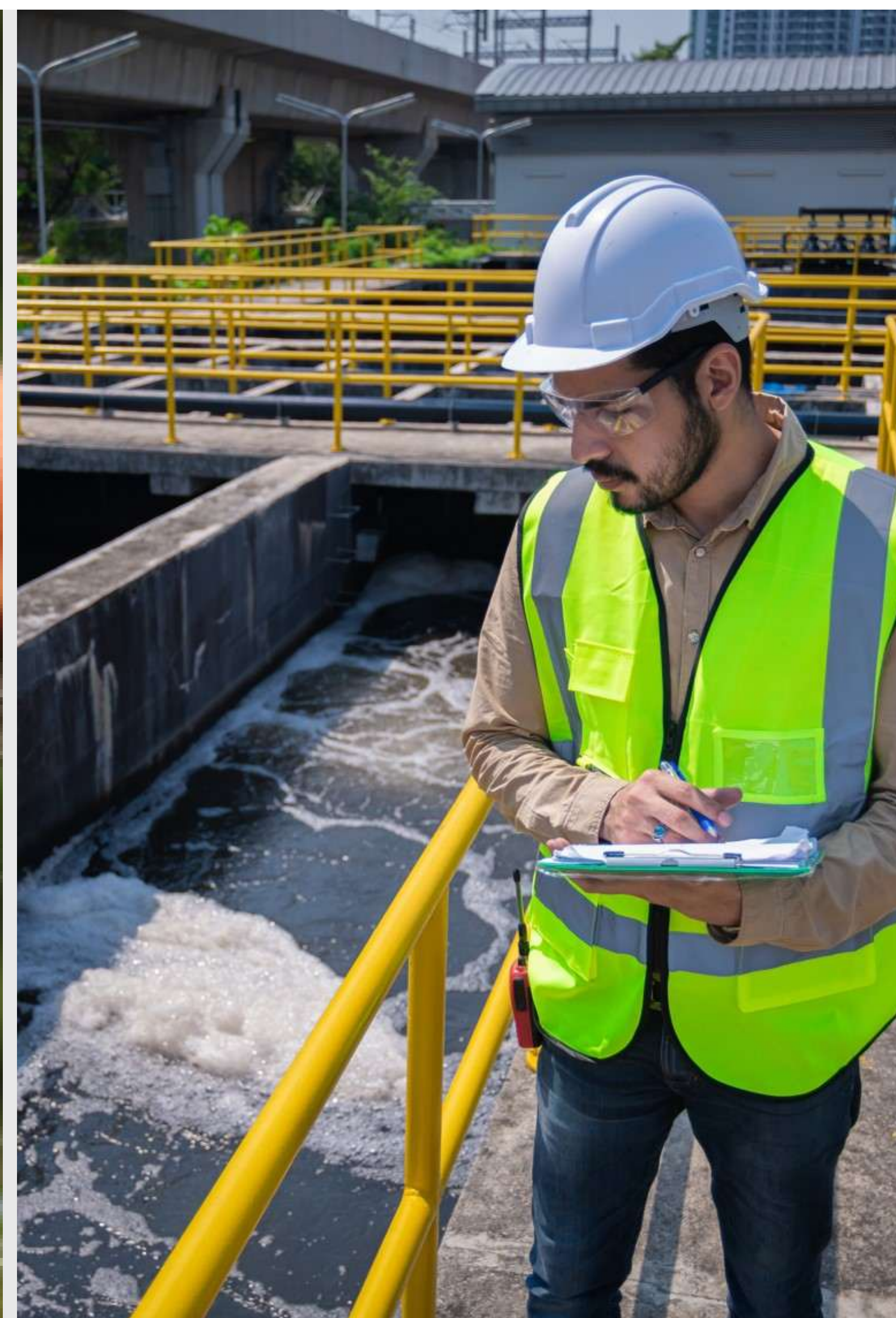




A.T.E. Huber Envirotech Private Limited
presents

Sustainable solutions for raw water intakes

9th India International Water Week (IIWW-2026)

23 Sept 2026



The most reliable source of water – wastewater!



Comprehensive solutions for water, wastewater treatment & recycling, and sludge management

- **A.T.E. HUBER Envirotech (AHET) – a joint venture between A.T.E. Group, India, and HUBER SE, Germany, a global leader in the field of water, wastewater, and sludge management solutions**
- Expertise across **industrial and municipal** sectors
- Wide range of **proven technologies and products** to handle water and difficult to treat wastewaters
- Specialist in **anaerobic treatment, water recycling, zero liquid discharge, screening, grit treatment, sludge treatment, filtration systems and remote monitoring** of plants
- Benefits:
 - Low lifecycle costs
 - Low carbon footprint
 - Robust design
 - High uptime and compliance with IoT monitoring

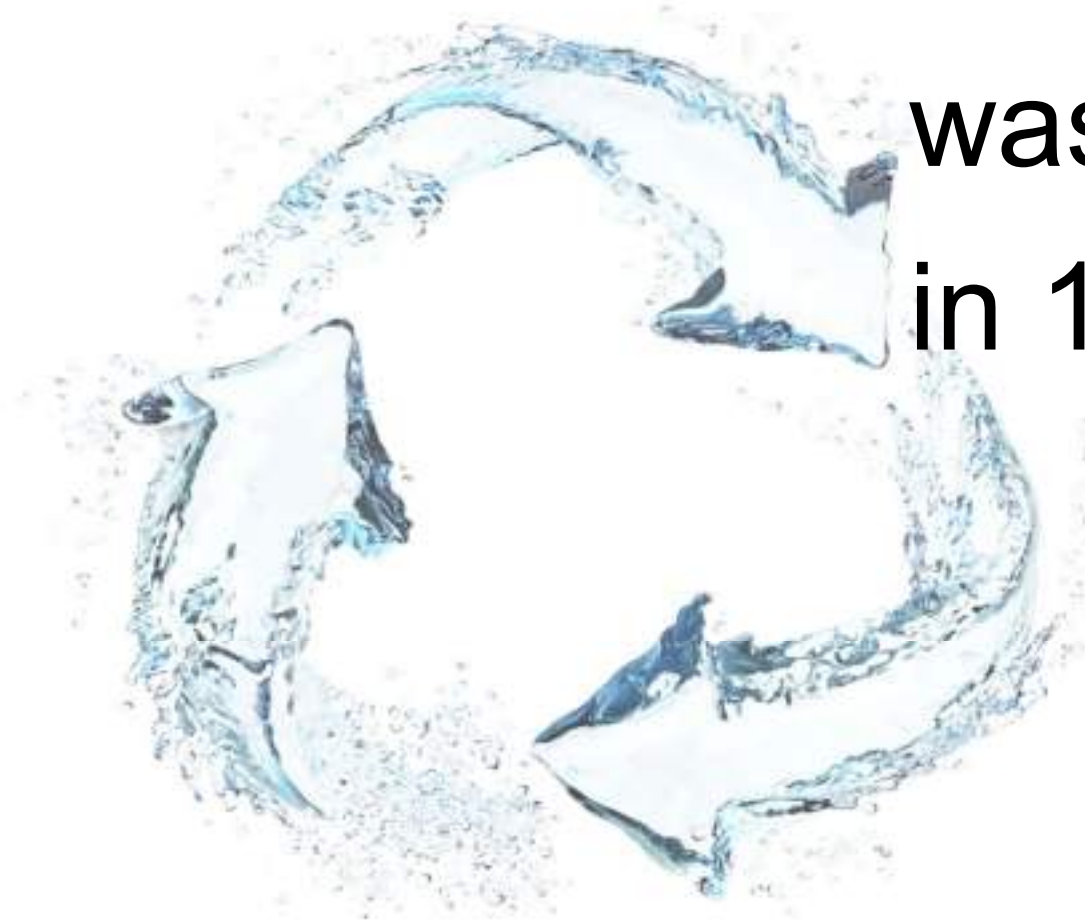
The AHET- HUBER advantage

HUBER, SE **Germany**

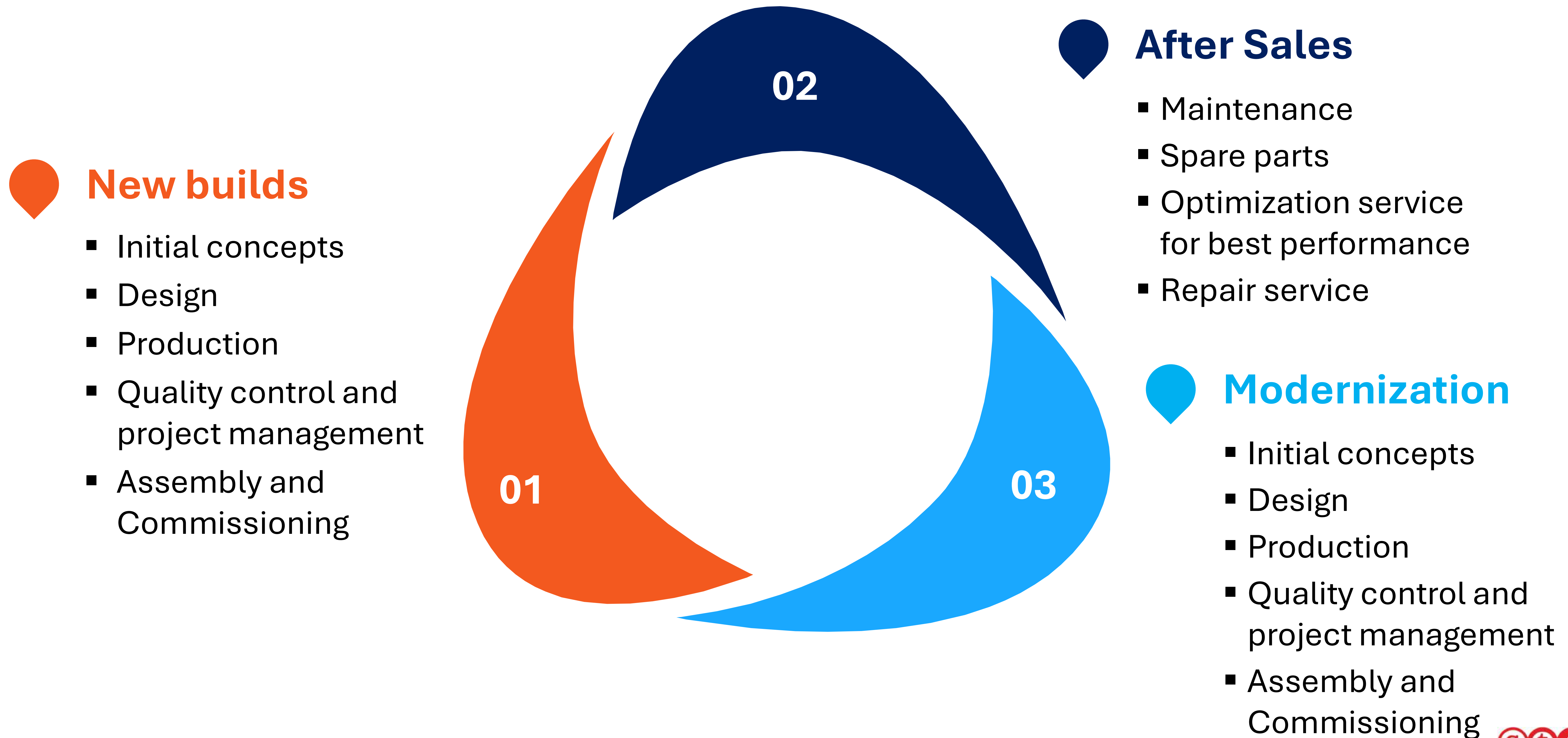
- Innovative technologies for wastewater and sludge treatment
- Proven products with an installed base of more than 65,000 over the last 180 years
- Wide experience with installations across 60 countries

A.T.E. HUBER ENVIROTECH **India**

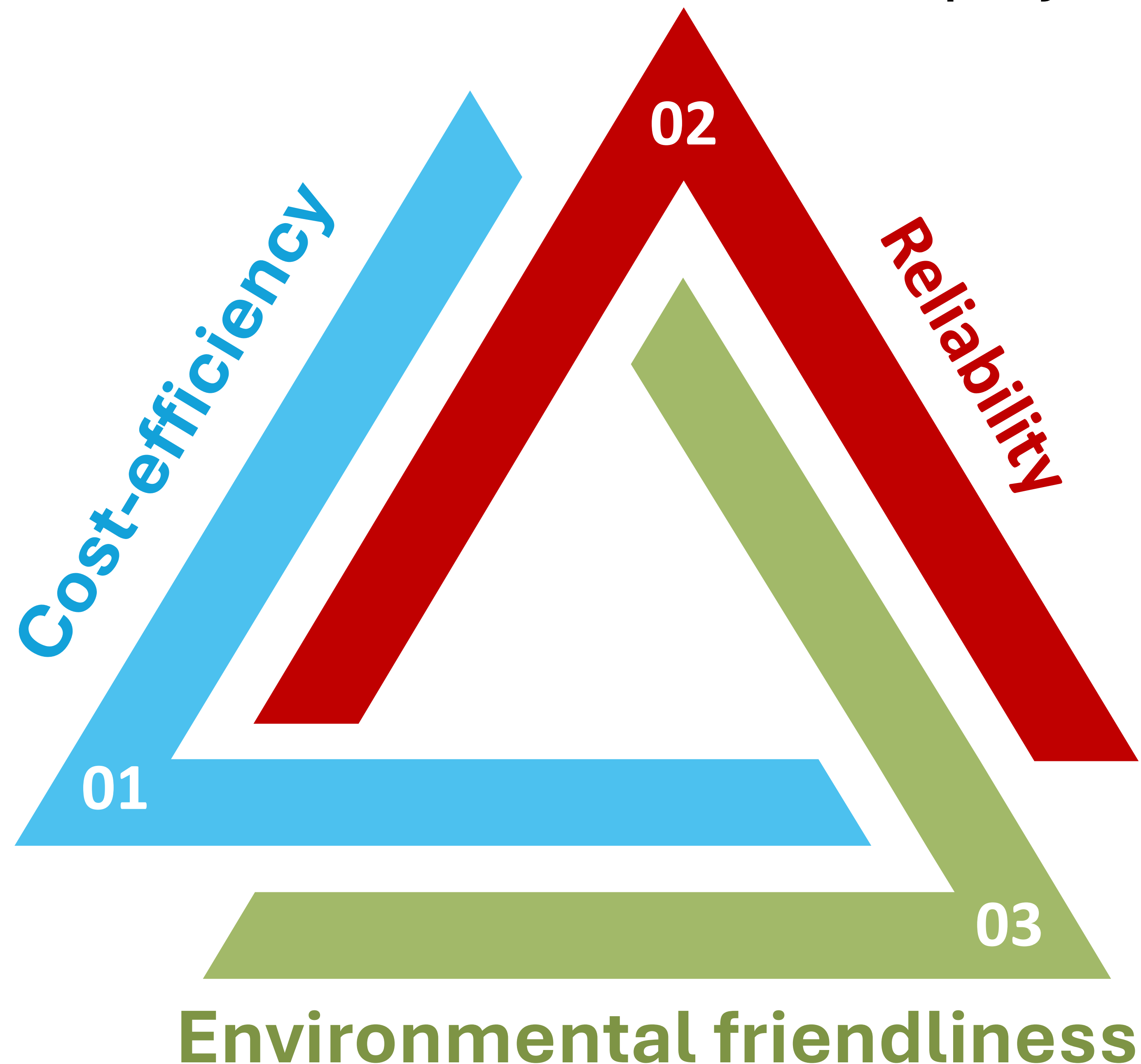
- Wastewater domain expertise
- Proven project execution track record of over 22 years
- Wide experience of treating industrial wastewater from many industries, with projects in 12 countries



Our specialists support you along the entire life cycle of your facility



Sustainability begins for us already with the design and manufacturing of solutions for our customers' projects



01 **Cost-efficiency**

through standardized solutions as well as innovative, compact and modular designs

02 **Reliability**

through the use of proven technologies that are tested and manufactured according to HUBER's high standards

03 **Environmental friendliness**

through oil-free and fish-friendly solutions and resource-saving production with a long operating life

A.T.E. HUBER's business activities focus on the resource water

**Safe Access
Solutions**



**Mechanical
Treatment**



Sewer Equipment



**Micro Screening
and Filtration**



**Membrane
and Flotation**



**Mechanical Sludge
Treatment**



**Thermal Sludge
Treatment**



Industry



Green Building



Global Service



Sustainable Solutions for Raw Water Intakes

Name##



A.T.E. Huber Intake Screens – Application areas

Irrigation



Drinking water



Desalination plants



Power plants



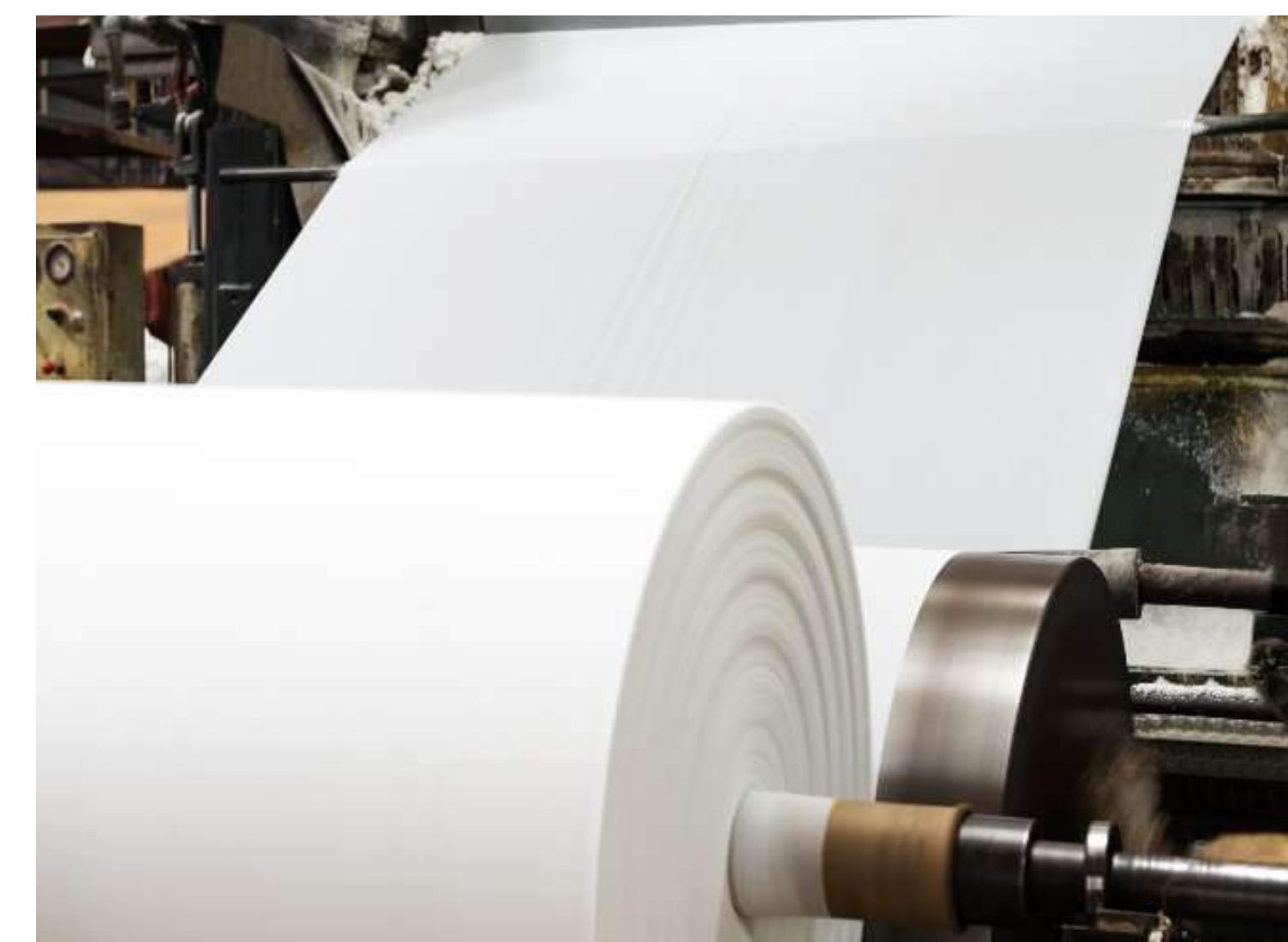
Chemical industries



Oil and gas industry



Pulp and paper



Hydroelectric industry



A.T.E. Huber Intake Screens – Application areas

**Challenging
material to be
processed**



A.T.E. Huber Intake Screens – special applications



**Jelly fish
blooms**



Fish protection

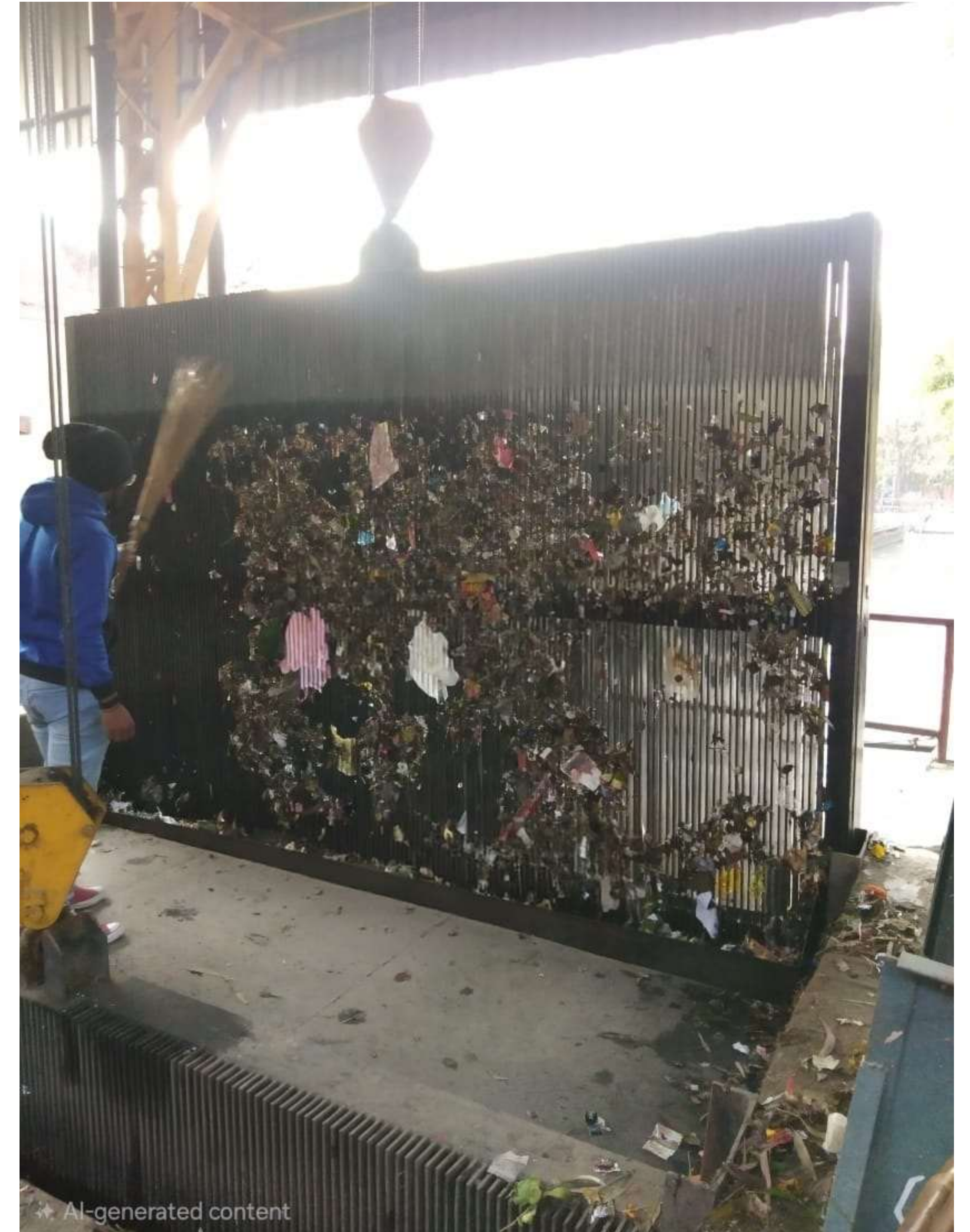


**Corrosion
protection**

Intake Screens – present examples

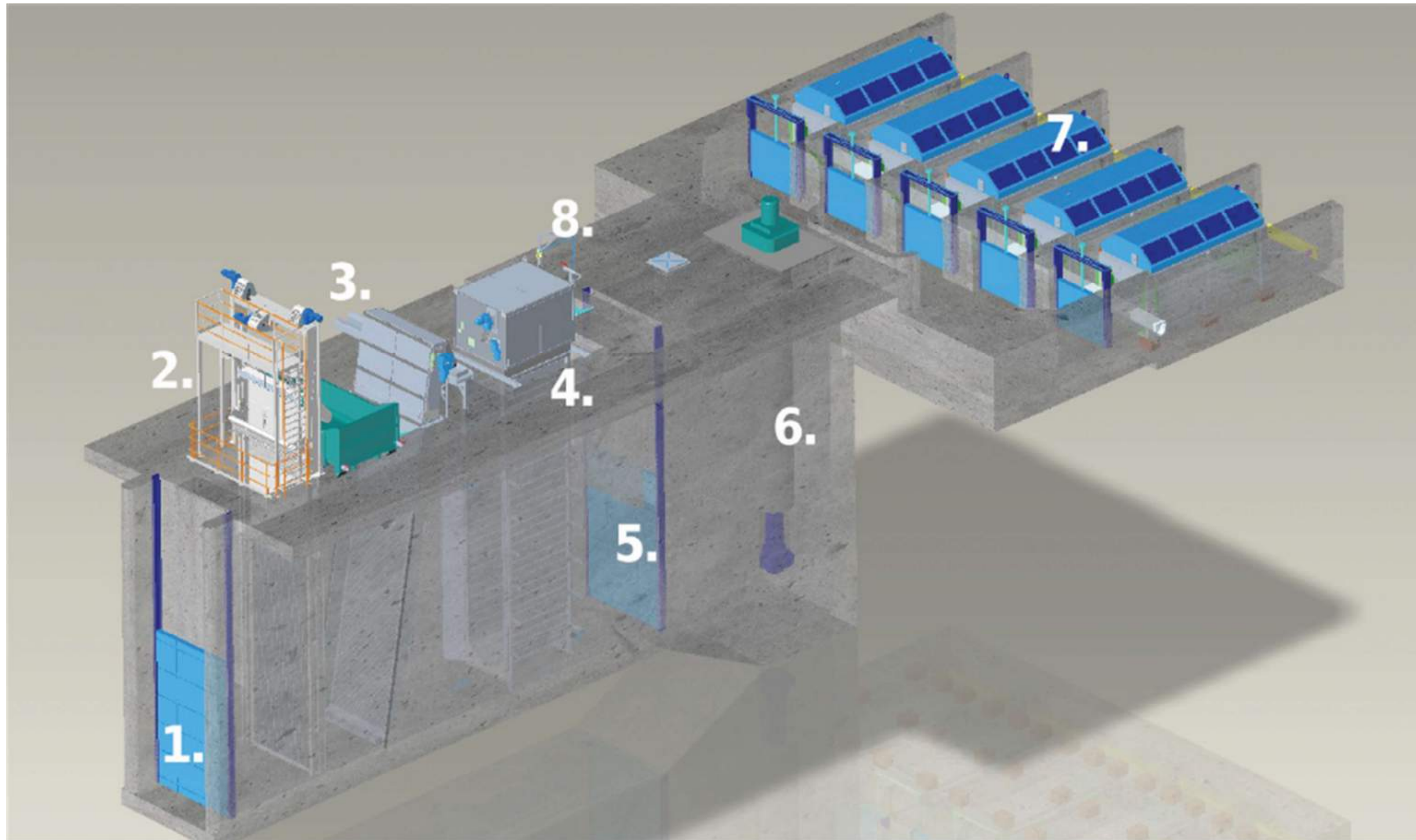
Way it is done presently in many cases

- Unreliable
- Use of excessive manpower for cleaning and disposal
- High breakdown time
- High maintenance
- Affects downstream processes
- Unhygienic
- Non-environment friendly



AI-generated content

Solutions for raw water intakes typically involve a multi-step approach

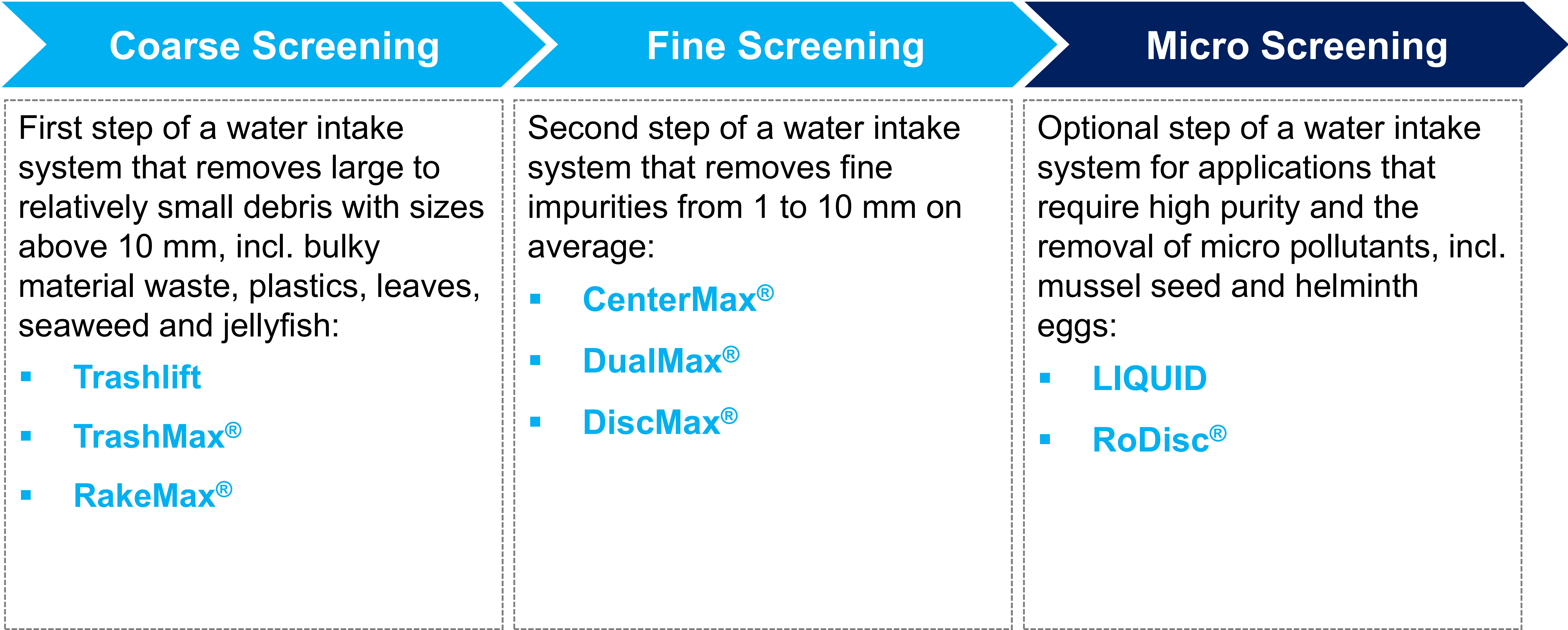


- 1. Dam board inlet
- 2. HUBER Grab Screen TrashLift
- 3. HUBER Multi-Rake Bar Screen RakeMax®
- 4. HUBER Band Screen CenterMax®
- 5. Dam board outlet
- 6. Pump
- 7. HUBER Drum Screen LIQUID
- 8. Internal service water supply



Installation of a HUBER Multi-Rake Bar Screen RakeMax® for a river water intake plant

Depending on the project-specific requirements, we develop the optimal concept



Trashlift



Coarse screening

Fine screening

Micro screening

Technical Data

Channel width	up to 4 m
Channel depth	up to 30 m
Inclination	70° - 90°
Bar Spacing	≥ 16 mm

Features

- First stage for coarse screening
- Cable operated grab screen
- Winch concept with industrial standards

Benefits

- Optimized for large channels with big screenings and bulky material
- Low maintenance due to intelligent design
- High operational safety
- Full bottom excavation



Technical Data

Channel width	up to 4 m
Channel depth	up to 20 m
Inclination	80°
Bar Spacing	≥ 20 mm

Features

- First stage for coarse screening
- Removal of bulky materials such as flotsam and debris
- Innovative combination of co-current and counter-current rakes in one unit

Benefits

- Compact machine with high operational efficiency
- Reliable removal of even bulky material
- Easy to retrofit into existing channels

RakeMax®



Coarse screening

Fine screening

Micro screening

Technical Data

Channel width	up to 4 m
Channel depth	up to 18 m
Inclination	50° - 90°
Bar Spacing	≥ 10 mm Smaller bar spacing of ≥ 2 mm possible if required (=fine cleaning)

Features

- First stage for coarse screening with high demands on solids discharge capacity
- Both ends of the cleaning elements are connected to drive chains. Each chain is driven by a sprocket on a common shaft and a flange mounted gear motor

Benefits

- High solid throughput performance
- Optimized for medium sized channels
- Low maintenance design
- Lubrication free solution
- <https://youtu.be/pT8nF-w5nx4>

CenterMax®

Coarse screening

Fine screening

Micro screening



Technical Data

Channel width	up to 4 m
Channel depth	up to 18 m
Inclination	90°
Perforation	1 mm - 10 mm

Features

- Fine traveling band screening with high throughput rates
- Water flows into the open front side of the screen and out through the lateral screening elements
- Circulating band screen lifts the debris to deck level where a pressure spray flushes it into a debris trough

Benefits

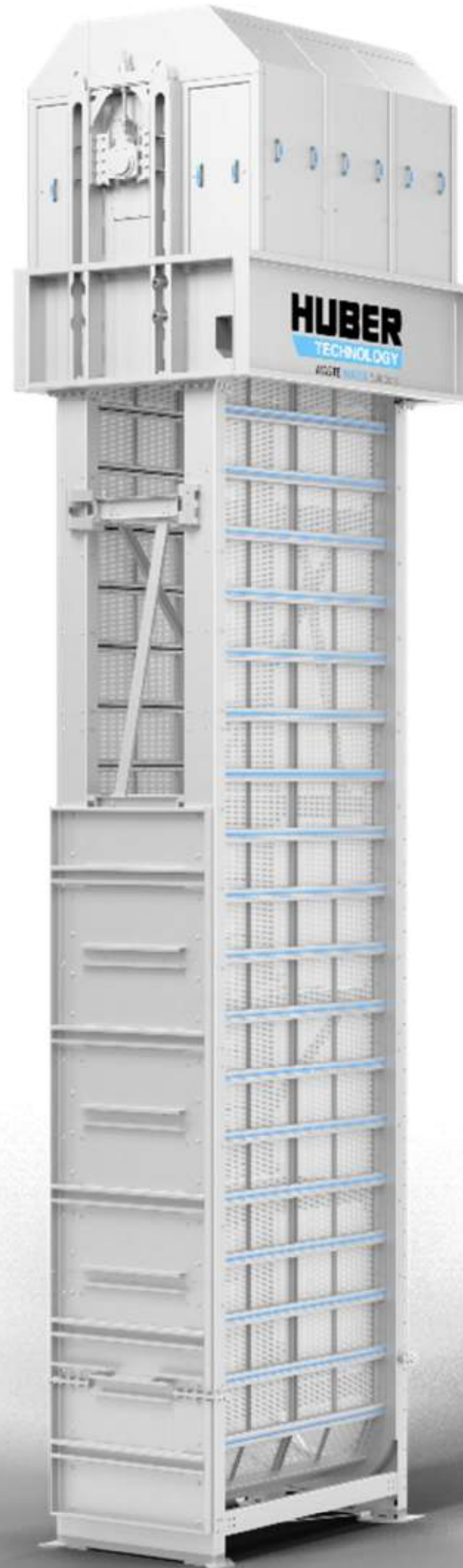
- Zero carry over of debris
- High throughput even in deeper and smaller channels with maximum separation efficiency

DualMax®

Coarse screening

Fine screening

Micro screening



Technical Data

Channel width	up to 6 m
Channel depth	up to 18 m
Inclination	90°
Perforation	1 mm - 10 mm

Features

- Fine traveling band screening with high throughput rates
- Water flows into screen on its lateral sides and out through the open back showing to the main pumps
- Circulating band screen lifts the debris to deck level where a pressure spray flushes it into a debris trough

Benefits

- Mostly similar to the CenterMax®
- Less laminar flow after screen allows shorter overall channel length and civil cost optimization



Technical Data

Channel width	up to 3,5 m
Channel depth	up to 25 m
Inclination	90°
Perforation	1 mm - 10 mm

Features

- Quick and easy assembly thanks to the self-supporting frame
- Compact design enables space-saving installation even in existing systems and shorter channels
- Fine traveling band screening with high degree of fish protection provisions bed on US EPA CWA 316b standard and the EU Habitats Directive.

Benefits

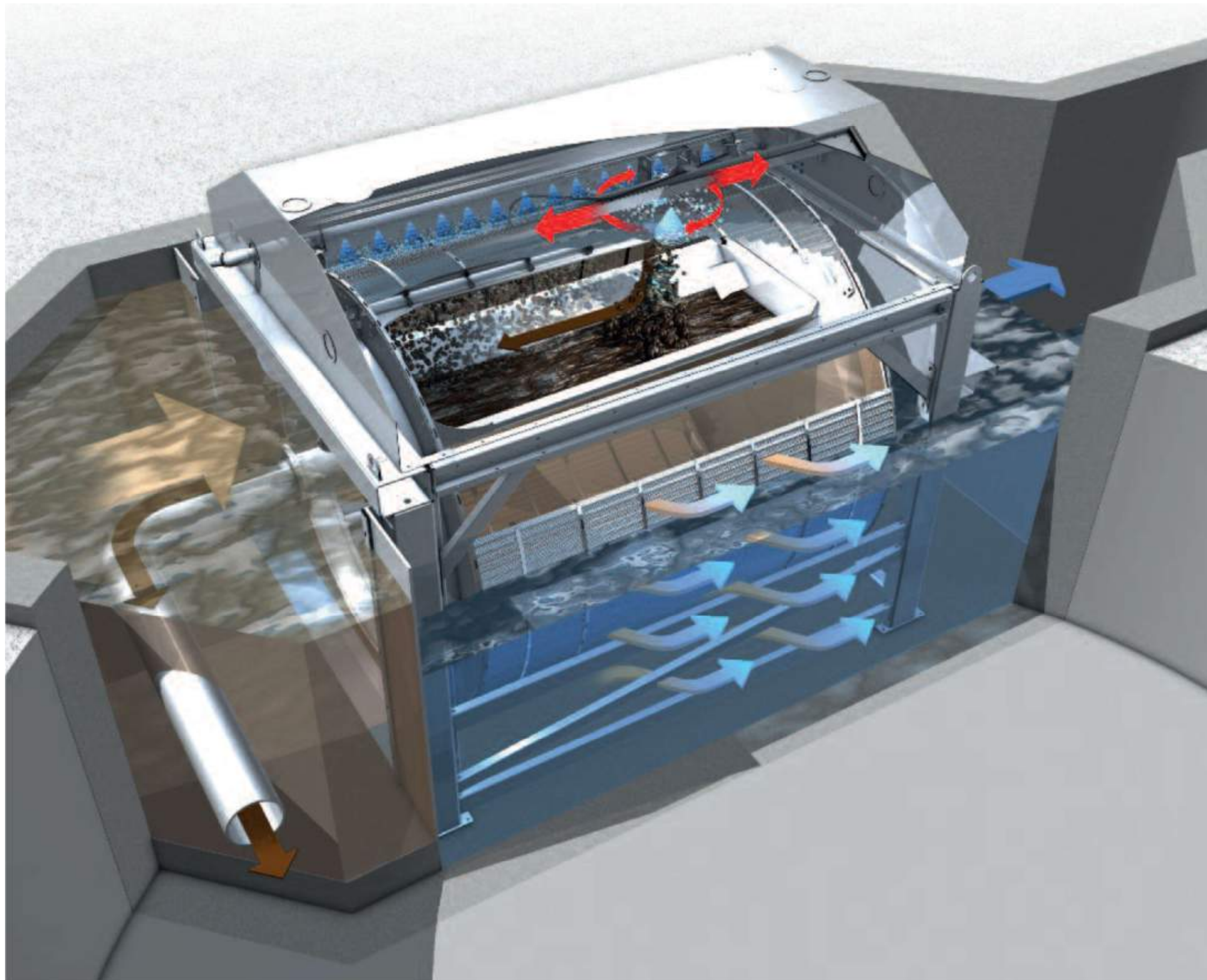
- Through-flow screen with zero carry over of debris
- High performance regarding fish protection
- Low space requirement enables civil cost optimization

LIQUID

Coarse screening

Fine screening

Micro screening



Technical Data

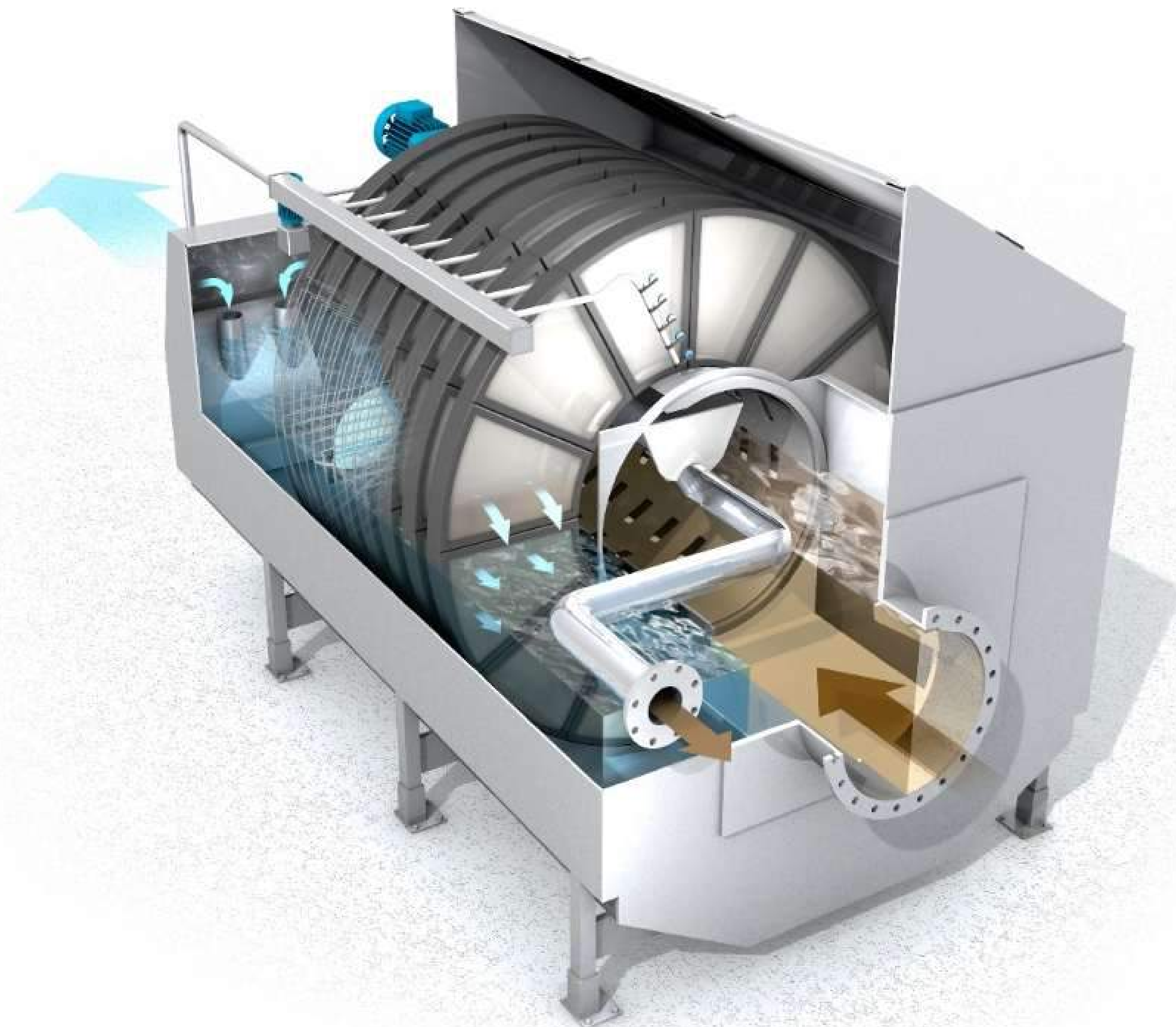
Drum diameter	1,3 m - 2,2 m
Drum length	up to 4 m
Perforation	0,2 mm - 3 mm

Features

- Solution for projects that require micro screening
- Water flows through the drum from inside to outside
- Whilst the water flows through the open front into the screen basket, solids are retained within the drum
- At its crown a spray nozzle bar sprays water onto the drum surface from outside to remove the solids and flush them into a trough inside the drum basket from where the screenings are discharged by gravity

Benefits

- High throughput with maximum separation efficiency
- Easy maintenance
- Low operational costs
- https://youtu.be/v-GlfMcQ_nw



Technical Data

Throughput capacity up to 2.000 m³/h per unit

Perforation 10 µm - 100 µm mesh size

Features

- Gravity-flow filtration system for micro screening requirements
- Up to 35 filter discs per machine, installed on a horizontal shaft
- Water flows into the horizontal shaft and from there through openings into the filter
- Filter discs pass the water from inside to outside
- Screen surface cleaning is achieved by a spray nozzle bar during rotation of the discs. The wet screenings are discharged by gravity.

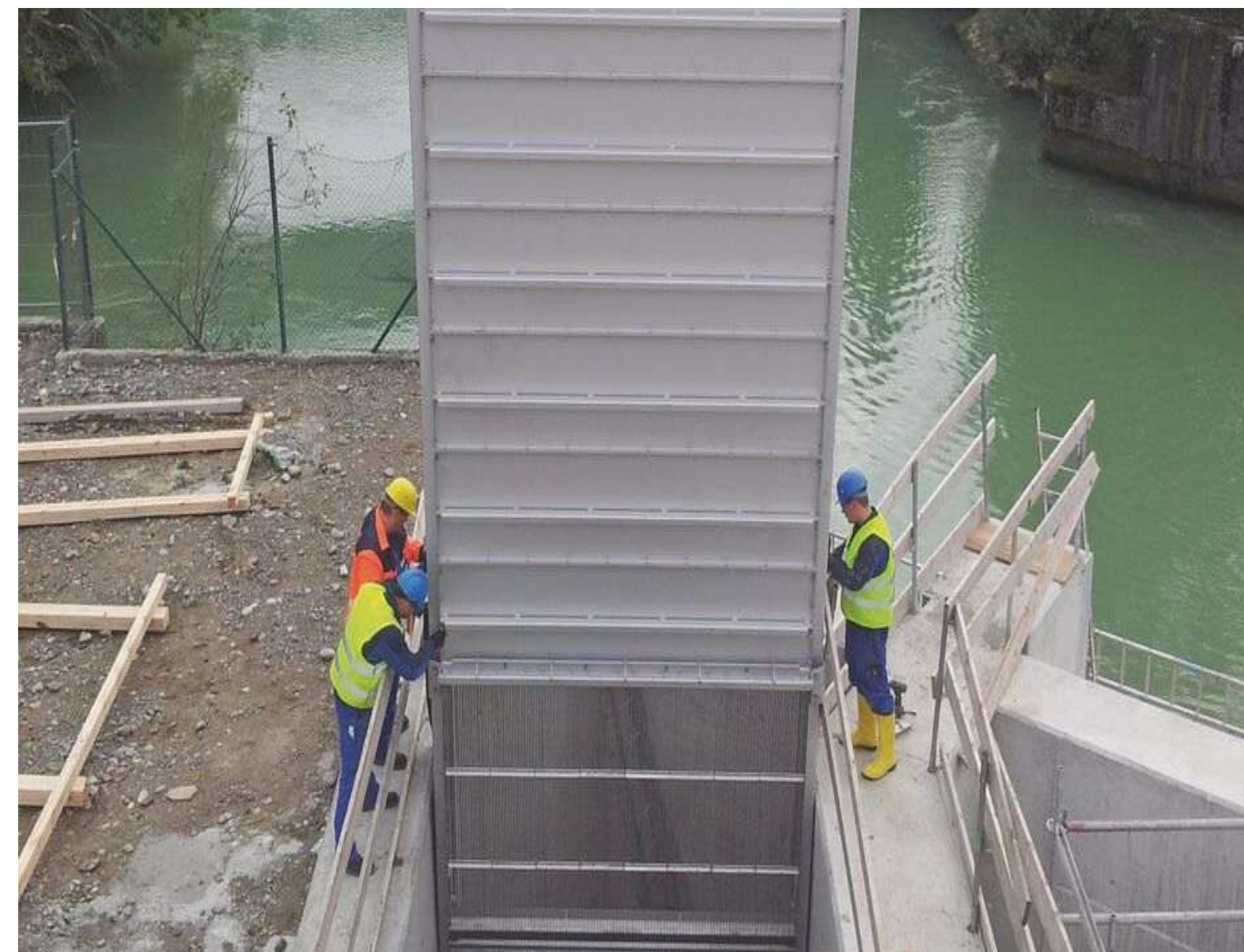
Benefits

- High filter capacity with compact design
- Removing effectively ultrafine particles and pathogens
- Easy replacement of individual filter elements without the need for lifting devices

A.T.E. HUBER – your experienced partner for your water intake project

- 1 **Broad experience** in water extraction and treatment
- 2 **Complete solutions** from a single source
- 3 **Global presence** and **customer support**
- 4 **In-house production with first-class quality**
- 5 Continuous investment in **innovation**
- 6 **Commitment and passion** of A.T.E. Huber team

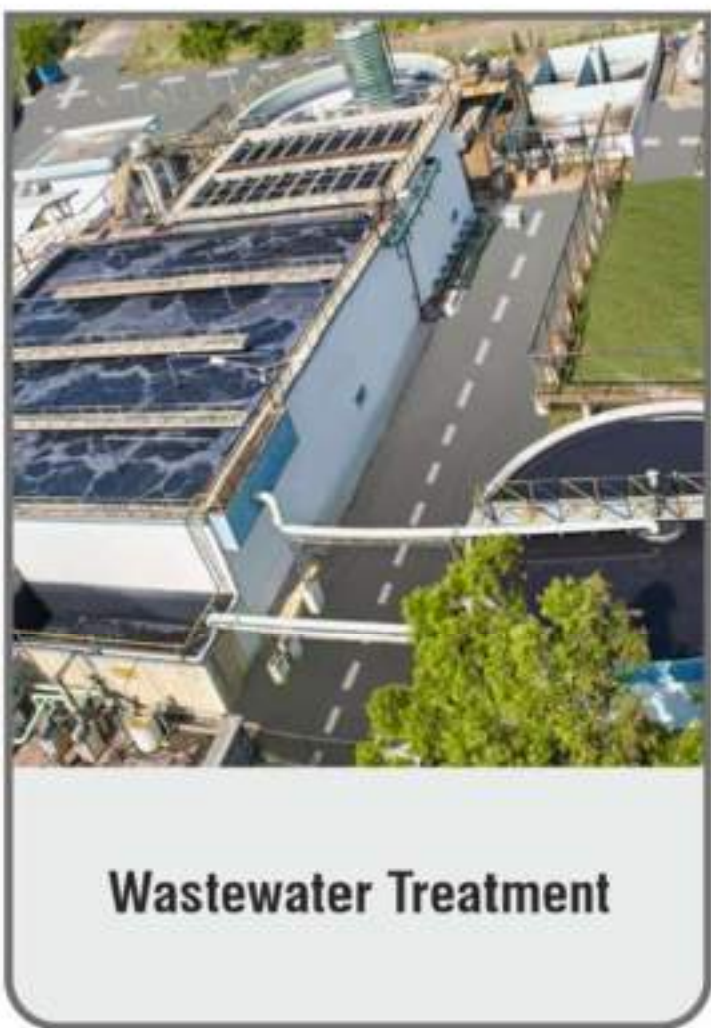
A.T.E. HUBER – your experienced partner for your water intake project



A.T.E. at a glance

A.T.E. is an expert partner for textile machinery, and an impactful innovator in clean technology.

We help our customers create great products, save water and energy, reduce waste, and enhance the safety and well-being of their teams.



Thank You



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