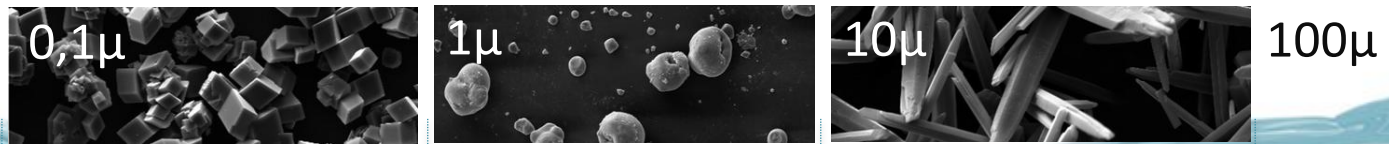


PROFIT THROUGH RECIRCULATION

Self-Cleaning Microfilter

sofi
FILTRATION

A Common Problem - 0.2-10 μ m Microparticles are Hard to Remove...



sofi
FILTRATION



SETTLING PONDS



SELF-CLEANING
FILTERS



CONSUMABLE
BAG FILTERS



ULTRAFILTRATION



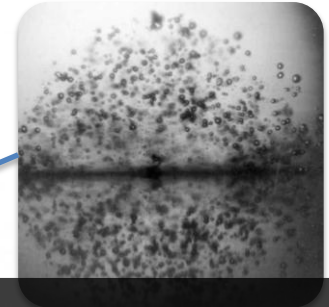
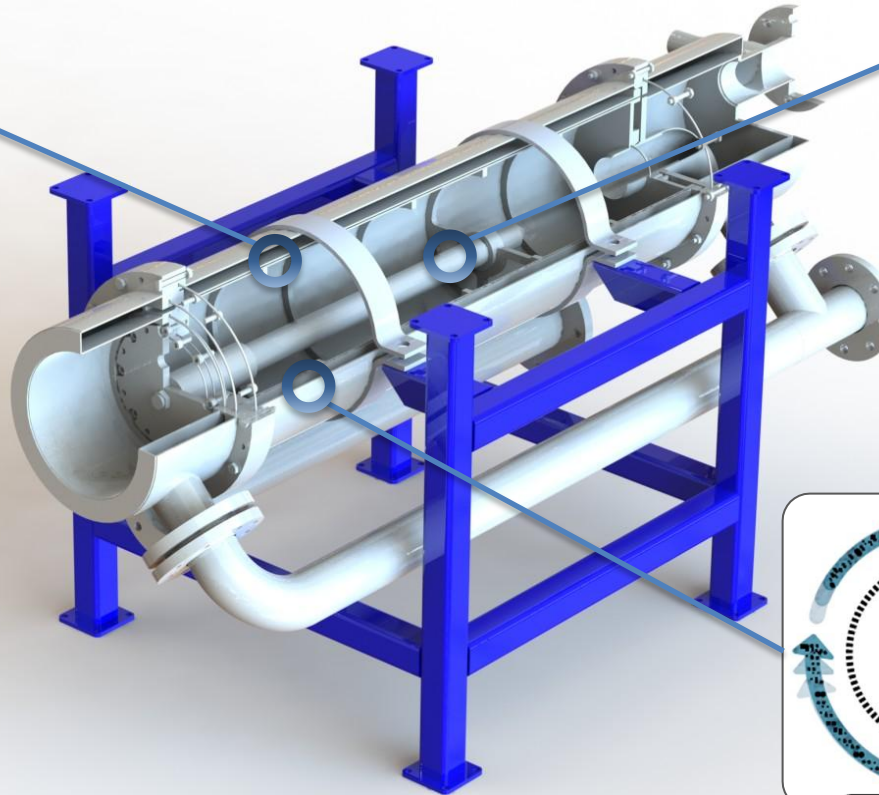
x10 COST ADVANTAGE

and PATENTED



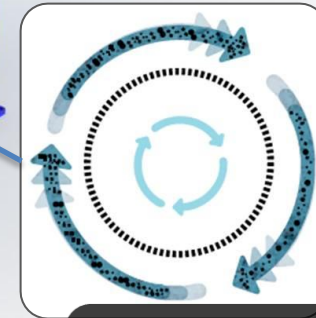
Long-life element

- 0,2...20 μm
- Stainless steel
- Chemical Resistant



Self-cleaning

- Ultrasonic resonator
- Backpulse with filtrate
- No Clogging, No Filter Consumables



High cross-flow design

- Low energy consumption
- Small footprint
- High Flow Capacity



No Filter Changes

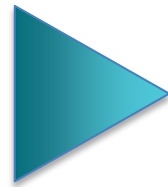


No Chemicals



Wide filtration range

SOFI in Action



play video

<https://youtu.be/Z7vLH6UHleY>



Outotec



POWER & HEATING

District Heating Water
Scrubber Flue Gas

MINING & CONSTRUCTION

Drill & Blast / Tunneling
Process Waste Water
Core Drilling and Sawing

INDUSTRIAL FILTRATION

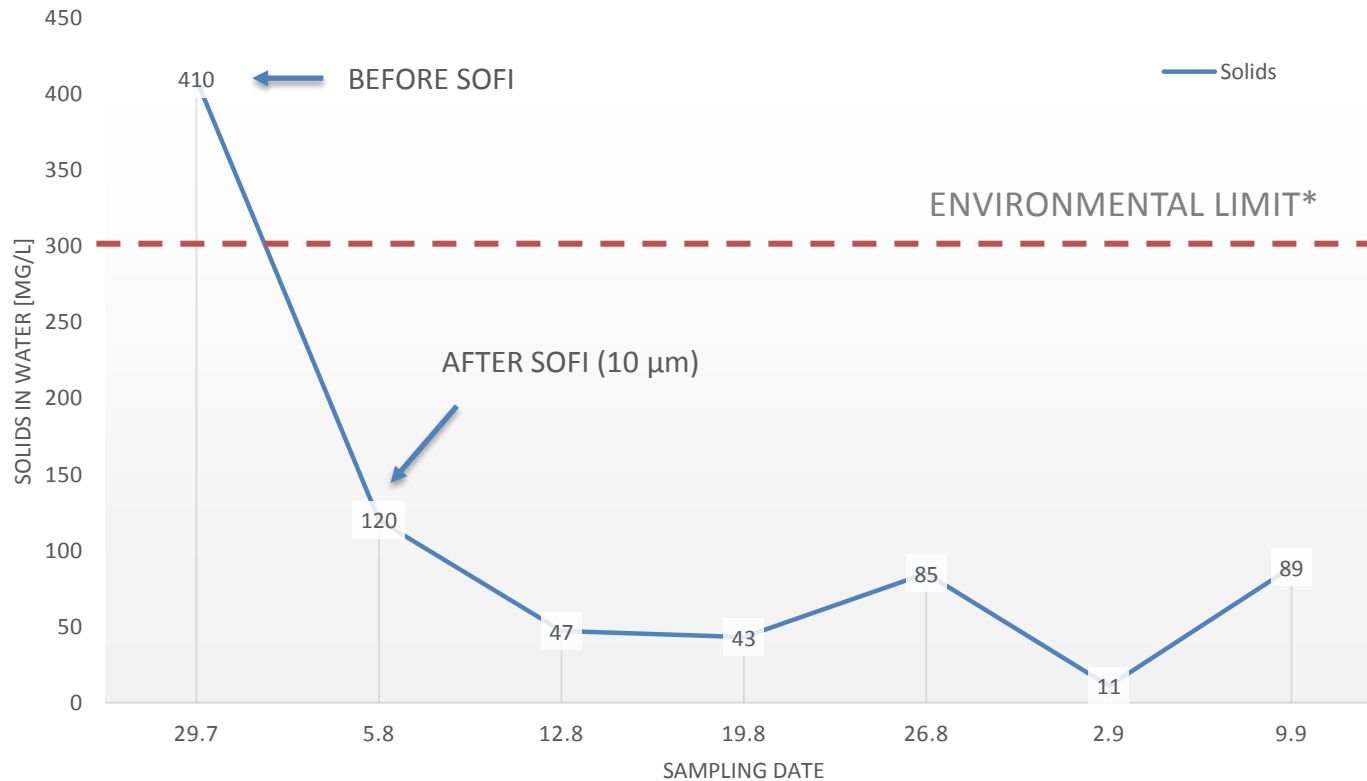
Industrial Laundry
Solar Panels
Textiles Industry
Reverse Osmosis pre-filtering
Oil Refining

CUSTOMERS & APPLICATIONS

Case: Tunneling Waste Water



Case: Tunneling Waste Water



CONSTRUCTION – TUNNELING

Filtering **70,000 m³/y**

Savings potential **190,000 €/year**

ORIGINAL

Fresh water cost 1 €/m³ +
Waste water cost 2 €/m³:

3 €/m³



sofi

Sofi Filter SF1000
(@ 10m³/h):

0.29 €/m³



From Waste to Recirculation
x10 Cost Advantage
Self Cleaning Microfilter

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sofi

FILTRATION