



FOR CUSTOMERS

we commit to install the equipment with a performance guarantee for 5-10 years

SALES CONTRACT	Upto 10% in advance
CONDITIONAL SALES CONTRACT	Test period 3 months
ENERGY PERFORMANCE CONTRACT with shared savings model	Your payments are less than your savings
PRELIMINARY PROCESS DESIGN	Free technology project for your specific real-life conditions

REQUIREMENTS

Type of a plant – outdoor or indoor

Type of a reactor – conventional or SBR

Depth of a tank – 3 meters and deeper

Space over a tank – 2 meters and higher

Total daily dissolved oxygen demand in a tank – up to 20 kg



**INSTALLED INTO A TANK
WITHOUT INTERRUPTING
THE WASTEWATER TREATMENT PROCESS**



With fine bubble aeration (FBA) - CAVITECH aeration installed over existing coarse bubble aeration system

With surface aeration (SA) - CAVITECH aeration installed in corners of existing SA system



CAVITECH AERATION FOR WWTPS

NEW EFFICIENT SOLUTION FOR AERATION

**CONFIRMED QUALITY RESULTS
AND 30-60% ENERGY SAVINGS
LOW MAINTENANCE COSTS**

Complete a simple [questionnaire](#) for your site and start treatment and saving with a high-quality innovation solution!





LONG-TERM COOPERATION FOR CUSTOMERS AND PARTNERS

- Implementations, sales
- Organization of a demo, validation
- Scaling, export

CURRENT STATUS

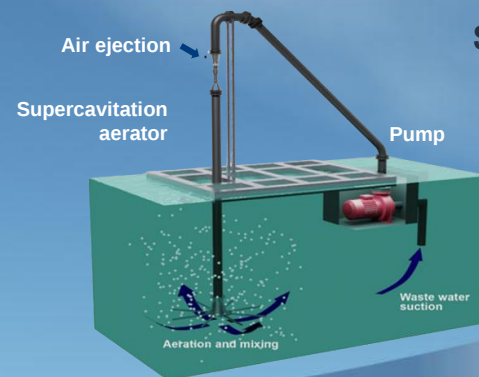
- Successful implementations in Serbia, Spain
- IP protected
- Ready to the NL and EU market

DEVELOPMENT DIRECTIONS

- Demo site(s)
- Examination, testing, validation
- Implementations, sales
- Trainings, local teams
- Scaling, export

COLLABORATION OPTION – A DEMO SITE WITH LOCAL PARTNERS AND RESOURCES

INNOVATIVE TECHNOLOGY AND EQUIPMENT



**MORE OXYGEN
FOR LESS MONEY**
SAE 4.5 kgO₂ / kWh
SOTR 9.2 kgO₂ / h
SOTE 12% O₂ / m

HIGHEST QUALITY & LOWEST COSTS

- For municipal and industrial WWTPs
- Easy in installation and in maintenance
- Energy savings 30-60%
- No overgrow with a sludge and suspended solids
- Increases the absorption capacity of activated sludge
- Flexibly changes the performance
- Has a very high alpha factor
- Installable into an operating aeration tank **without interrupting** the wastewater treatment current process
- 100% best solution for SBR treatment technology

WWTPs where CAVITECH works	Benefits
3x A1-40 at municipal 150 m ³ /day	6.8 times less power
2x A1-100 at municipal 960 000 m ³ /day	Install in in non-stop sludge channel
1x A1-100 at municipal 3000m ³ /day	2.3 times less power
1x A1-100 at municipal 180 m ³ /day	3.2 times less power
3x A1-100 at industrial 125 m ³ /day	3.5 times less power



 [YouTube channel @CavitechAeration](#)

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