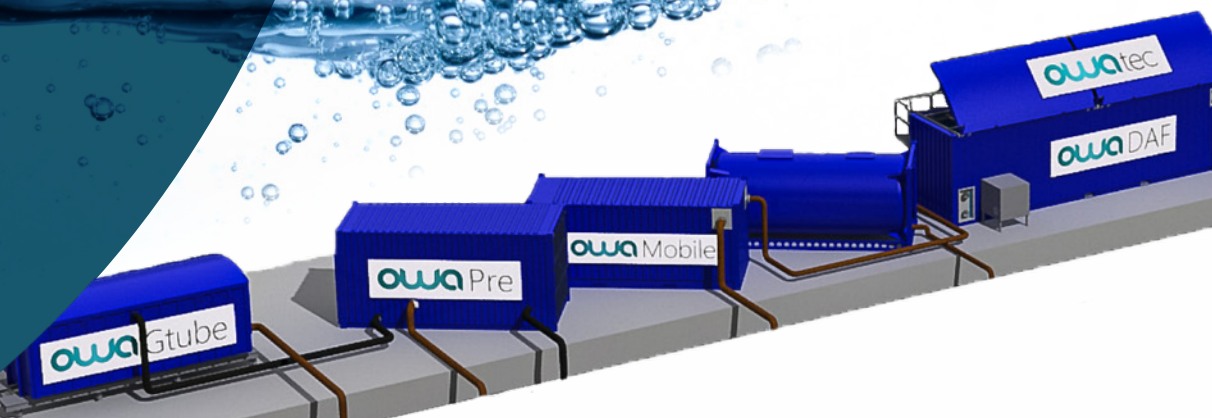


WATER AND SLUDGE TREATMENT SOLUTIONS

owa^{tec}



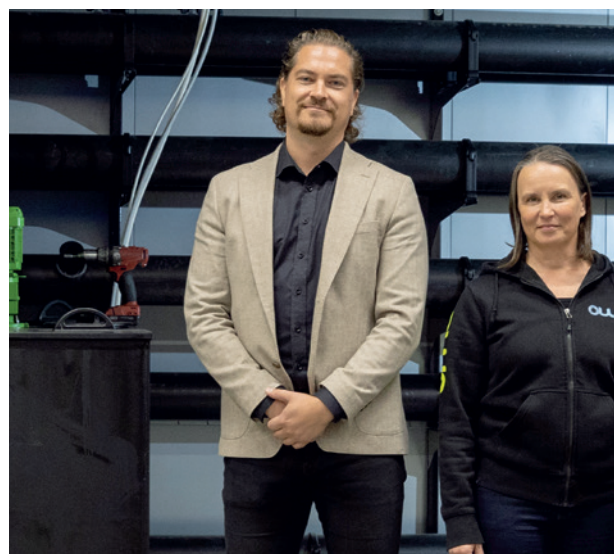
OWATEC – A RELIABLE INDUSTRIAL PARTNER

Equipment and complete solutions for water treatment and sludge dewatering.

Watch our video!



Check out our references by industry!



Owatec Group Oy is a Finnish environmental company that specialises in the treatment of industrial wastewater and sludge. We offer both domestic and export customers advanced water treatment technology solutions.

We also provide various expert services. Our water treatment specialists guarantee service that includes

needed solutions, operations and maintenance procedures to optimized processes. Our modular solutions can be used to implement a full-scale water treatment plant or to enhance an existing process – either permanently or temporarily.

You are welcome to get to know our products and services!

“ Thanks to Owatec's mobile solutions, wastewater treatment operations are carried out quickly, cost-effectively and in an environmentally friendly way. ”



OWATEC SERVICE AGREEMENT

Owatec offers all-in-one solutions for industrial wastewater treatment and sludge dewatering expertly and efficiently.

Wastewater and sludge should be treated locally instead of being transported elsewhere. Outsourcing water treatment releases company resources. Instead of significant investments, everything is taken care of for a cost-effective monthly price.

Once the necessary processes have been recognised, the treatment of wastewater and sludge can be

started upon delivery of the equipment. The final quality of water and sludge improves immediately. The process is maintained with the help of automation, remote monitoring and control. Treated water can be discharged back into nature or reused. All valuable components – such as nutrients – are recovered and used, for example, in gas production or fertilisers.





1.

Water quality analyses

– determining the current situation

2.

Goals –
environmental requirements and customer's goals are determined

3.

Identifying the problem – the challenges in the current process will be clarified



4.

Analysis of the current process

– Flow analysis and what works, what doesn't?

5.

Survey visit and water analysis

– activities to achieve the goals are determined

6.

Piloting – the proposed solution is piloted on an actual scale



7.

Equipment delivery

8.

Water and sludge treatment 24/7

Contact us for more information!

BENEFITS FOR THE CUSTOMER

- Cost-effective – immediate savings!
- Automation – optimised processes 24/7
- Modularity – no big infrastructure changes needed!
- Environmentally friendly option for an effective water treatment package



ROTARY INDUSTRY

partner of **owatec**

OWATEC SOLUTIONS

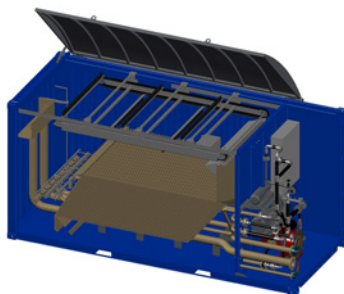
Check out all our products at www.owatec.fi/laitteisto.



AERATION UNIT

OWATEC AIR is a solution built in a 6 or 12 metre sea container. In addition to a large air supply, water treatment can be enhanced with various biological methods, which can reduce the need for chemicals.

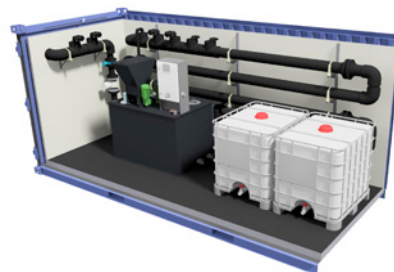
www.owatec.fi/tuotteet/owaair



FLOTATION UNIT

OWATEC DAF is a solution built in a 6 or 12 metre sea container. Instead of traditional flotation system, the KTM Bubble Generator allows a result of up to 98% in separating solids.

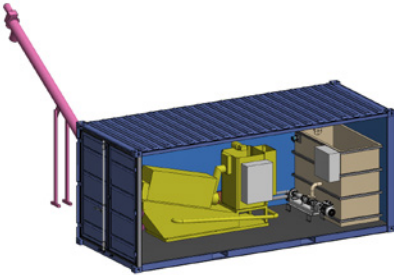
www.owatec.fi/tuotteet/owadaf



CHEMICAL TREATMENT UNIT

OWATEC Mobile is a sea container for chemical storage, preparation, and mixing. A pipe reactor guarantees an effective mix of chemicals, and needed chemicals are always adjusted as per the need.

www.owatec.fi/tuotteet/owamobile



SCREW PRESS UNIT

OWATEC DEWA enables the thickening of sludge and the separation of solids and water. The dry matter is guided by a screw conveyor or a slurry pump to the transport platform or to the final disposal site.

www.owatec.fi/tuotteet/owadewa



GEOTUBE FILTERING

With the OWATEC Gtube solution, water can be separated from the sludge before it is transported to the final disposal site. This avoids expensive and environmentally burdensome transport.

www.owatec.fi/tuotteet/owagtube



// Owaterc implements modular solutions tailored to customer needs in containers that are easy to transport to the customer's location. **//**

ARMAN

Puhtaampi ympäristö ja materiaalit kiertoon.
Tencate Geotube® soveltuu lietteiden ja ruoppausmassojen käsittelyyn.

www.arman.fi

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PLASTIC PRODUCTS MANUFACTURING**

