

# VWTEK

ENVIRONMENTAL TECHNOLOGIES

***WATER AND WASTE WATER TREATMENT***

We Treat the World's Water!®

2021



# PRESENTATION SUMMARY

Our Company  
Services  
Strength  
Project Lifecycle  
Recent Projects  
Contact Details



# OUR COMPANY

## MISSION AND VISION

VATEK Environmental Technologies serve the industrial, medical and commercial water and waste water treatment market about turnkey construction, engineering and consulting, supply of consumables and technical service by closely following the recent improvements



# TURNKEY CONSTRUCTION

Industrial,  
Medical,  
Commercial,  
Water and Waste Water Treatment Systems

# ADDITIONAL SERVICES

Engineering,  
Consulting,  
Supply of consumables,  
Technical service by recent improvements





## OUR STRENGTH

- Global network and references all over the world
- Solution partner of the customers both in water and waste water systems
- Engineering department ability that gives fast response to the customer requests
- Tailor made solutions for the customers
- Supervision and technical service experience
- Communication tools that can be used as demonstrations, lectures, speeches, reports, and more.



# WATER IS NEEDED EVERYWHERE

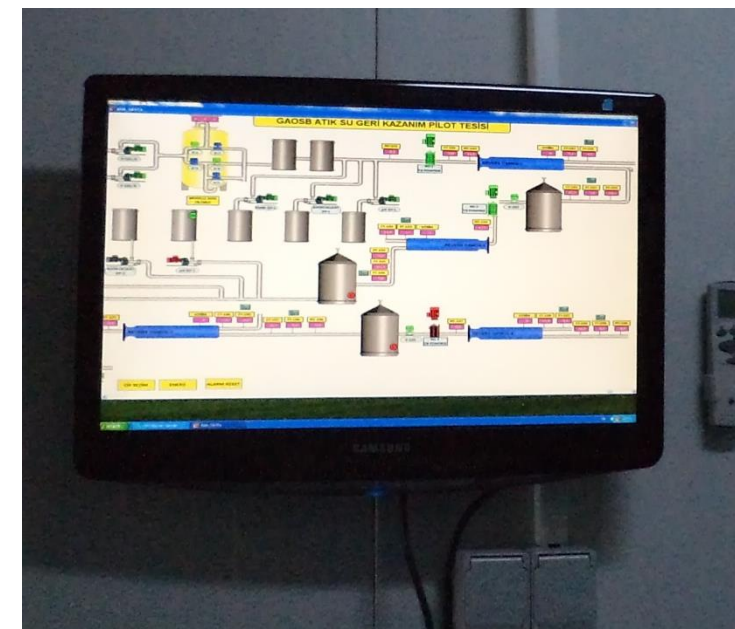


- Government
- Municipality
- Industry
- Agriculture
- Medicine
- Army



# WASTE WATER TREATMENT & RE-USE SYSTEMS

An alternative to the centralized way of wastewater treatment has begun to evolve nowadays: the application of on-site WWTs as a decentralized way of sewage treatment. These small-scale units have high priority in low population density areas, where the discharge of sewage to a central WWTP through a drainage system is not profitable. Constructing too long drainage conduits is not rational for two reasons: high costs and stagnant wastewater. The Council Directive 91/271/EEC concerning urban wastewater treatment states that where wastewater collection systems are not justified either by economic or environmental aspects, individual systems should be used



# RIVER WATER TREATMENT SYSTEMS

We design and manufacture compact units for river water treatment and similar water sources. These systems provide treatment of river and surface water to domestic water.

- Mobilized Containers,
- Easy Assembly

Systems are used in:

- Villages and rural areas
- Temporary settling areas
- Military zones
- Farms
- Industrial zones
- Construction areas







# WATER FILTRATION SYSTEMS FOR MUNICIPALITIES

We design and manufacture for treatment of physical pollutants from water sources. These systems provide treatment of well and surface water to potable water.

- \* Tailor made solutions
- \* Easy assembly
- \* Long lifetime
- \* Unlimited capacity
- \* Easy monitoring
- \* High efficiency



# MANGANANESE REMOVAL FROM WATER FOR MUNICIPALITIES

These systems are used to remove high manganese concentrations from water sources.

- \* Tailor made solutions
- \* Easy assembly
- \* Long lifetime
- \* Unlimited capacity
- \* Easy monitoring
- \* High efficiency



# WATER SOFTENING SYSTEMS

These systems are used to remove water hardness from water sources.

- \* Tailor made solutions
- \* Easy assembly
- \* Long lifetime
- \* Unlimited capacity
- \* Easy monitoring
- \* High efficiency

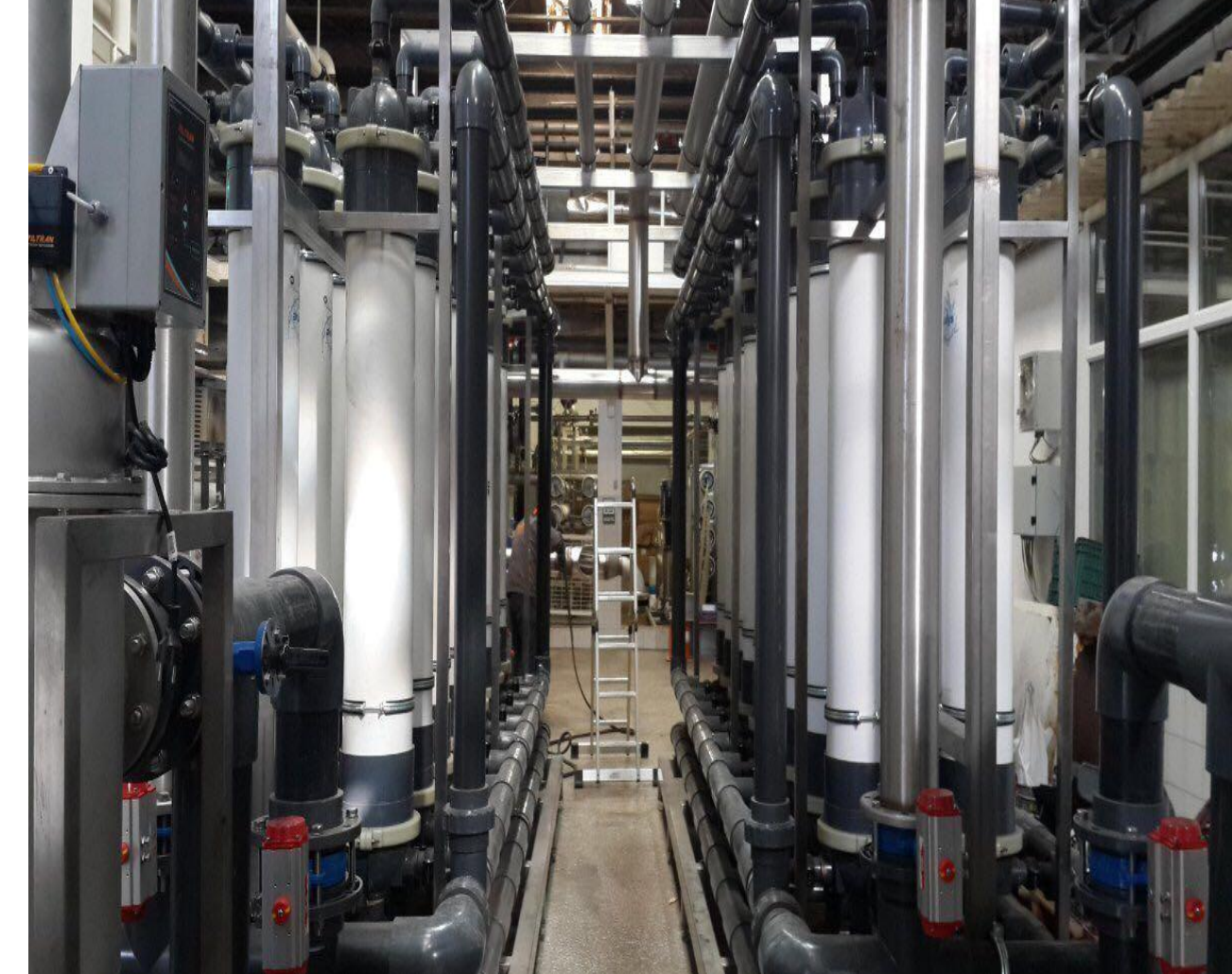


# ULTRAFILTRATION WATER TREATMENT SYSTEMS

Ultrafiltration is a membrane separation process in which a porous membrane is used to separate or reject colloidal and suspended solids also with removing of bacteria and viruses with 0,02 micron filtration rate.

UF systems are used in:

- Municipalities
- Food and Beverage
- Military zones
- Pre treatment of RO
- Industrial zones
- Water recycling



# MEDICAL, NEUTRALIZATION & DISENFECTION SYSTEMS

Most of the liquid medical wastes formed in the hospitals and medical institutes are directly given to the waste water collection chamber without any treatment methods. Liquid medical wastes generally occurs from the following applications:

- Medical Laboratories
- Dialysis Centers
- Sterilization Units
- Dental Clinics
- Care units
- Operating rooms



# GREENHOUSE SYSTEMS

Good water quality is one of the most important factors in growing quality of greenhouse crops, yet it is often taken for granted, and it is often assumed that all water is compatible for plants.

Poor quality water can be responsible for slow growth, poor aesthetic quality of the crop and in some cases, can result in the gradual death of the plants. High soluble salts can directly damage roots, interfering with water and nutrient uptake. Salts can accumulate in plant leaf margins, causing burning of the edges. Water with high alkalinity can adversely affect the pH of the growing medium, interfering with nutrient uptake and causing nutrient deficiencies which reduce plant health.





CHOOSE YOUR SITE  
Decide where to locate mobile systems

ANALYSE RECENT WATER QUALITY  
Systems can be customized

PLACE & USE CLEAN WATER  
Provide clean water for human



## CONTAINER TYPE WATER TREATMENT SYSTEMS

Container type water treatment systems are generally preferred at sites that have space problems and has less ability to have workforce.



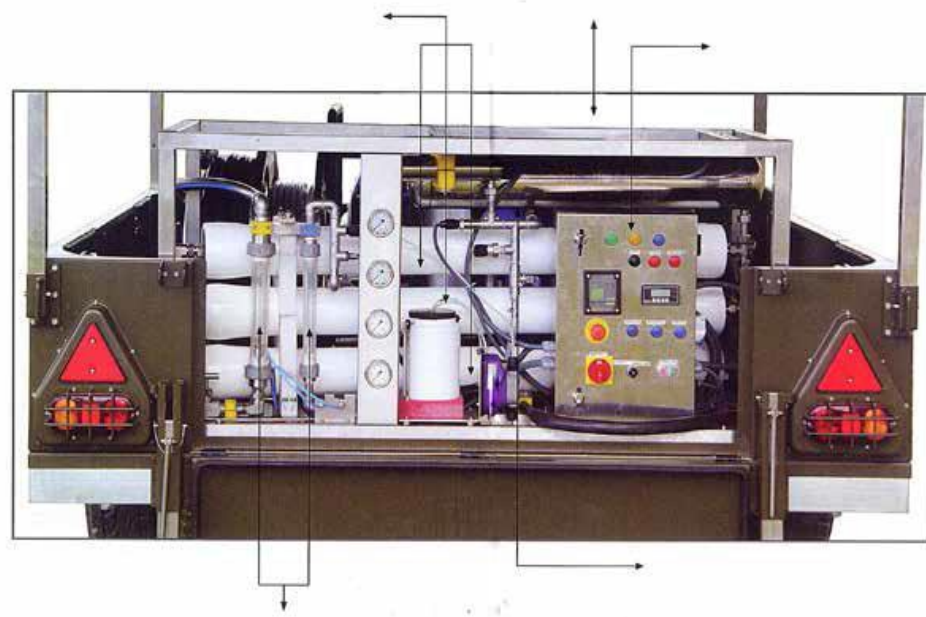
These system's advantages are;

- Easy maintenance and commissioning operations
- Do not need building requirements
- Do not need insulation serves
- Tailor made solutions
- Unlimited capacity
- Easy monitoring
- Long lifetime
- High efficiency





# Mobile Systems



## Trailer Type Mobile Water Treatment Systems

First solution for water demands after natural disasters like flood, earthquake, also could be useful for refuge camps, site hospitals and all related activities that needs mobile water treatment systems.



## Container Type Mobile Water Treatment Systems

For big capacity water demands after natural disasters like flood, earthquake, also could be useful for refuge camps, site hospitals and all related activities that needs water treatment systems



## Package Type Waste Water Treatment Systems

Package type waste water treatment systems for refuge camps, site hospitals and all related activities that need waste water treatment systems.

# Our Representative Offices



## Vatek Water And Waste Water Treatment Technologies LTD.

Office 3&4 338A Regents Park  
Road, LONDON/ENGLAND

Phone: +44 743 702 41 06  
E-mail: [info@vatekcevre.com](mailto:info@vatekcevre.com)



## VATEK Romania

Oraş Pantelimon, Strada SF  
GHEORGHE Nr. 20 ILFOV/ ROMANIA

Phone: +40 (720) 34 21 21  
E-Mail: [msimsek@vatek.ro](mailto:msimsek@vatek.ro)



## VATEK-AL Sh.P.K

Rruga "Reshit Çollaku", Pallati Nr.  
38, Shkalla Nr. 1, Apt.7, Kati 4  
Tirane/ALBANIA

Phone: +355 69 726 44 45  
E-Mail: [info@vatek-al.al](mailto:info@vatek-al.al)



[www.linkedin.com/company/vatek-evre-teknolojileri](http://www.linkedin.com/company/vatek-evre-teknolojileri)



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# GET IN TOUCH

## HEADQUARTER

Mehmet Akif Mah. Tavukuyolu Cad.  
No:150 D:3 mraniye/ İstanbul/ TRKİYE

## FACTORY

Sultan Orhan Mah. 1172.Sok No:25/1  
Gebze / Kocaeli / TRKİYE

## WEB

[www.vatekcevre.com](http://www.vatekcevre.com)

## PHONE

+90 216 526 0426

## EMAIL

[info@vatekcevre.com](mailto:info@vatekcevre.com)