



20 **VATEK**
years ENVIRONMENTAL TECHNOLOGIES

**WE TREAT THE WORLD'S
WATER®**

**WATER, WASTEWATER TREATMENT AND
RECYCLING SYSTEMS**





Kocaeli/Dilovası Factory 2025

Vatek Environmental Technologies, **founded in 2006**, is a water treatment company that aims to provide access to clean and safe water for everyone through **engineering based and sustainable solutions**.

Vatek offers turnkey projects, engineering and consultancy services, after sales technical support, and equipment supply in drinking water treatment, industrial water treatment, wastewater treatment, and wastewater recycling systems. The company provides complete end to end solutions.

With **20 years of experience** and international project knowledge gained in **more than 70 countries**, Vatek successfully applies this expertise to projects in Türkiye and global markets.

This strong background forms the foundation of Vatek's global network of representatives and business partners.





The Vatek Family, with its growing structure at both local and global levels, brings its engineering strength and production quality to different regions and continues its reliable solution partner approach consistently in international markets.

In line with this vision, **Triwa was established in Dubai, United Arab Emirates, in 2022.** Triwa acts as Vatek's official representative in the **Gulf Cooperation Council (GCC)** region and takes an active role in industrial water and wastewater treatment projects.



In addition, Vatek continues to expand its global activities through business partners in different countries, especially in **Albania, Libya, and the United Kingdom**, and proudly represents the Vatek brand in the international market.



○ ○ ○ ○ **SERVING MORE THAN 70 COUNTRIES** ○ ○ ○ ○



OUR STRENGTH



**Global Network and
Worldwide
References**

**Both Water and
Wastewater
Systems Expertise**

**Tailor-made
Solutions for Our
Customers**

**The Engineering
Department's Ability
to Provide Quick
Responses to
Customer Requests**

**Supervision and
technical expertise
on the field**

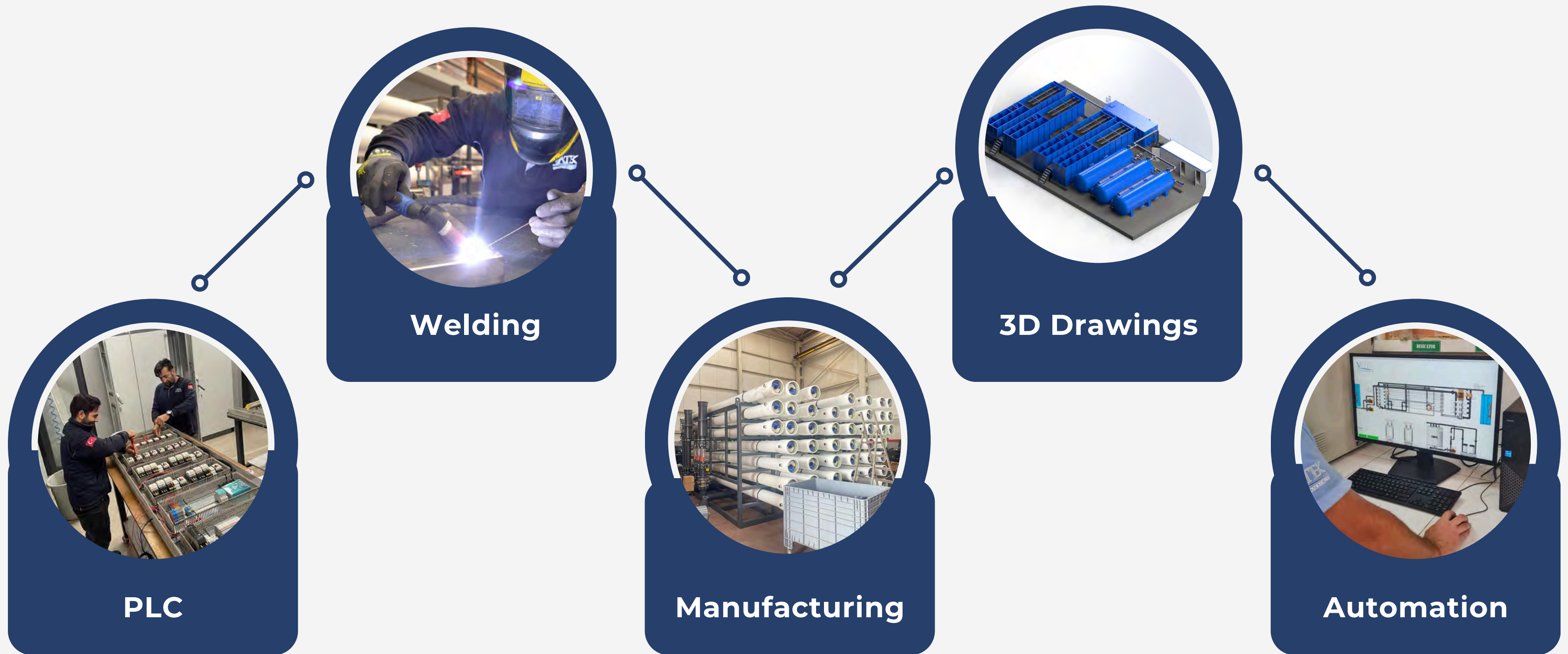
**Integrated Tools like
Demonstrations,
Lectures, Speeches,
Reports etc**

WHAT WE DO ?

- **Process Water Treatment Systems**
- **Seawater Desalination System**
- **River Water Treatment Systems**
- **Mobile Water Treatment Systems**
- **Trailer Type Water Treatment Systems**
- **Conventional Water & Wastewater Treatment Systems**
- **Package Type Chemical Wastewater Treatment Systems**
- **Package Type Wastewater Treatment Systems**
- **Mobile Wastewater Recycling Systems**



WHAT IS IN OUR SCOPE?



Process Water Treatment Systems

- Ensures that process water in industrial facilities reaches the required quality.
- Designed specifically for each project according to raw water characteristics.
- **Filtration** removes suspended solids and coarse particles.
- **Ultrafiltration (UF)** removes fine particles and colloids.
- **Reverse Osmosis (RO)** reduces dissolved salts and conductivity.
- Improves process efficiency.
- Protects equipment and ensures operational continuity.





Seawater Desalination System (SWRO)

- 95% – 99% salt removal
- Production of fresh water from seawater
- Suitable for general use and drinking water applications
- Reliable technology based on Reverse Osmosis (RO)
- Custom design for each project
- Sustainable and long term water supply



River Water Treatment System

- Special design for producing drinking and utility water from river and surface water sources
- Optimized treatment processes for water with high particle content
- Integration of physical, chemical, and microbiological treatment
- Safe and stable water quality suitable for different usage scenarios
- Field experience in UNDP projects





Mobile (Container Type) Water Treatment Systems

- Designed for interruptions, emergency, and temporary water needs.
- Provides safe treatment from different raw water sources.
- Insulated and air conditioned container structure.
- Independent from infrastructure with fast commissioning.
- Design suitable for variable water quality and capacity.
- Produces water suitable for process and auxiliary uses.



Trailer Type Water Treatment Systems

- Fast and reliable water supply for post disaster and construction site applications
- High mobility with wheeled and mobile structure
- Independent operation from infrastructure
- Compatible with different raw water sources such as river, groundwater, lake, and surface water
- Fast commissioning with plug & play design
- Process design customized according to raw water and required water quality



Central African Republic

Conventional Water & Wastewater Treatment Systems



Erbil

- Designed for municipalities and high capacity industrial applications.
- Pre treatment is provided by removing oil and large particles.
- Biological treatment removes organic pollutants.
- Treatment is completed with sedimentation and disinfection processes.
- The systems support making water suitable for reuse and drinking water applications.
- Target discharge water quality is achieved with additional units if required.



Chemical Wastewater Treatment System

- Ideal solution for areas with low population density.
- Used in cases where connection to a central treatment plant is not economically or technically possible.
- Eliminates the need for long drainage lines.
- Reduces investment, operation, and environmental risks.
- Decentralized treatment systems are supported under the 91/271/EEC EU Directive.



Package Type Wastewater Treatment Systems (SBR / MBBR / MBR)

- Biological treatment solutions for domestic and industrial wastewater
- **SBR:** Simple operation, cost effective, and compact package system
- **MBBR:** Stable performance at high organic loads and low operating cost
- **MBR:** Very low COD, BOD, and TSS values with membrane filtration and advanced treatment quality
- Compact design, recycling integration, and compliance with target discharge criteria in all systems





Egypt



Romania

Mobile Wastewater Recycling System

- Conversion of treated wastewater into reuse water with advanced treatment
- Efficient and sustainable use of existing water resources
- Customizable advanced treatment units according to target water quality
- Insulated and air conditioned container structure
- Fast commissioning on site and flexible use at different locations
- Contributes to reducing water consumption and sustainable water management

OUR REPRESENTATIVE OFFICES



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