

At Aquatech Energia, “Water Treatment” means reusing and treating water to solve our clients’ water challenges while minimizing environmental impact.

Aquatech Energia provides both pre-engineered and custom-designed water treatment solutions, which reliably deliver high-quality, safe water for any application and from almost any water source.

Our most important water treatment applications include:

- ▶ Drinking water
- ▶ Desalination
- ▶ Arsenic removal
- ▶ Fluoride removal
- ▶ Process water for industries
- ▶ Ultrapure Water (UPW) for power plants and NOx reduction
- ▶ Process water for irrigation

Industrial Water

We are committed to ensuring safe, dependable, and affordable drinking water, supported by decades of hands-on experience. We also pay particular attention to capital and operating cost-effectiveness, while minimizing environmental impact.

Water from wells, rivers, lakes, and many industrial sources require a variety of treatment processes and services, which can include the following:

- ▶ Clarification and filtration
- ▶ Softening and hardness treatment
- ▶ Specific treatments (removal of arsenic, Fluoride, metals, nitrates, endocrine disruptors, total organic carbon, etc.)
- ▶ Disinfection
- ▶ Desalination
- ▶ Sludge treatment
- ▶ Physico-chemical treatments
- ▶ Operation and maintenance

All project solutions proposed by Aquatech Energia Water are fully automated and can be controlled by local and/or remote control systems.

Biological Potabilization

We specialize in implementing biological treatments for potabilization, a natural water treatment technology. The process consists of the combined abatement of methane, ammonia, iron, and manganese in the water by particular families of non-pathogenic microorganisms that use oxygen instead of chlorine or other chemical oxidizing reagents. Biological processes have zero environmental impact, low operating costs, and do not produce harmful by-products such as Trihalomethanes (THMs).

Removal of Contaminants

Aquatech Energia uses of selective, reusable resin processes for the removal of specific pollutants, such as arsenic, fluoride, boron, chlorides, and metals. Our value proposition delivers the most cost-effective, environmentally-sound solutions

Industrial Water and Demineralization With Ion Exchange Resins

Aquatech Energia Experts Water has more than Twenty years of experience in developing solutions to produce highly dependable, fit-for-purpose industrial water, including resin demineralization solutions for industrial applications. We can produce ultrapure or demineralized water, suitable for industrial applications such as boiler feeds or cooling towers, or any use specific to the client's production process.

Membrane Treatment Solutions

AE Water technologies include membrane treatment solutions for any type of water applications. Provide Ultrafiltration (UF), nanofiltration, and reverse osmosis solutions.

Brackish Water Reverse Osmosis (BWRO)

BWRO systems are able to treat water from a wide variety of water sources, including surface water and wells, and deal with a wider range of contaminants, including turbidity, and more. We specialize in advanced membrane-based technologies that allow the removal of a wide variety of dissolved materials from water and effluent.

We have a reputation for innovative, high-quality engineering and fast deployment to meet the needs of clients. Each custom system is individually designed and built, considering the existing water and wastewater characteristics and effluent quality requirements. We perform a cost-benefit assessment, balancing investment costs with ongoing operation and maintenance costs to build a solution that is right for you.

Partner with Aquatech Energia for complete water and waste water solutions we look forward to solving your water treatment challenges:

PROGREEN AQUATECH ENERGIA SOLUTION PVT. LTD.

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Water Treatment



Drinking water | Industrial Water | Ultrapure Water
Desalination (Brackish and Sea Water) | Removal of Contaminants

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An ISO 9001:2015 Certified Company

