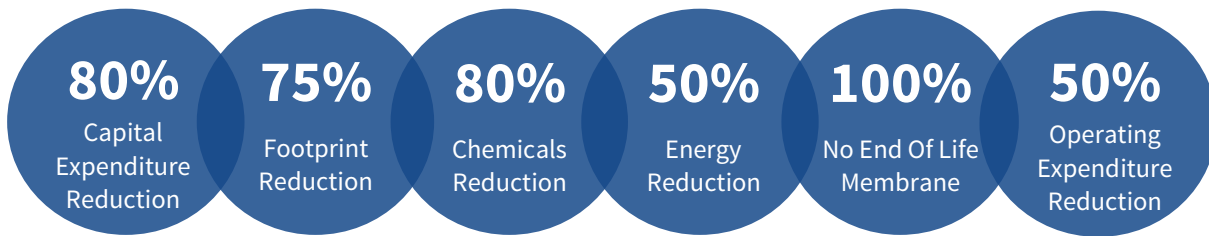


Mission

**Complete Water Purification with Sustainable Economic & Environmental Advantage
Better Water at Lower Cost**



Competitive Advantage



Company

Purifics; est. 1993, is a water purification technology-based business that provides Complete Water Purification Systems based on 5th generation SiC membrane technology. These systems eliminate / reduce chemicals, consumables, complexity, footprint, dependencies, and pre & post treatment. This provides dramatic reductions in lifecycle cost (CapEx and OpEx). The technology of our products was established by solving difficult water challenges for the nuclear industry and today solves Municipal & Industrial water purification requirements. These complete systems provide low carbon, sustainable green solutions with a proven track record of meeting water purification needs effectively with durability, efficiency, and reliability.

Purification Capability

Why treat when you can purify water by removing: Chemicals, Metals, Turbidity, Bacteria, Viruses, Oil, TSS, TOC, BOD, COD, DOC, Color, Taste, Odor, Hardness, TDS, EDCs, PPCPs, TTHM & HAA Precursors, etc.





Purifics has developed the most comprehensive Chemical Free Water Purification Processes to Filter, Destroy or Recover Contaminants in water.

How It Is Achieved

Cuf[®] is a durable and robust SiC hydrophilic UF membrane process that continuously filters contaminants, reduces complexity & chemicals, eliminates all pre-treatment & membrane replacement / costs.

Photo-Cat[®] is a Chemical Free Photocatalytic AOP+ process that has the highest oxidation capability that destroys chemicals other AOPs cannot.

DeWRS[®] is a completely automated and chemical free Dewatering & Recovery System that achieves true Zero Liquid Discharge.

Concentrated Sweep Floc is a proprietary process that has 3 times the efficiency of DOC removal versus traditional Coagulation. This allows drinking water plants to revert to free chlorine and eliminates Jar Testing.

Shockwave is a unique proprietary technology that eliminates backwash, pre-treatment, and allows membrane flux operations of 250 – 500 GFD.

Marker Based DIT is a rapid ultra low-cost Challenge / DIT test. It is simple. It is an absolute test. It is not based on a number of theoretical assumptions as it is the case with bubble decay testing.

Full Control- Full Automation The plant runs itself and only needs to be monitored, not controlled.

Turn-key Plant Equipment Solutions

Purifics develops, designs, and manufactures systems that completely solve your water challenge(s) with technologies that promote sustainable development, eliminate risk & hazards, simplify, prevent waste, and allow product recovery. Purifics systems are produced to client requirements, standards, and certifications in a variety of municipal and industrial markets globally. Just add Bricks and Mortar and you have your solution.

Bench & On-Site Verification Facilitated

Bench tests provide clients the opportunity to validate feasibility at no risk. On-site pilot Verification programs use our mobile water purification platforms (5) to validate the solution, eliminate risk, enable regulatory compliance, and quantify full-scale design and cost.

Customer Satisfaction is our Goal

In every project Purifics takes on, our goal is to solve the client's unique set of challenges. Our after sales Worldwide Support (WWS) program is flexible and tailored to each customer's requirements. Purifics installed customer base exceeds 70 system installations globally.

