



GREENCHAIN
GROUP



INDUSTRIAL

South Africa has a well-established and leading industrial sector on the African landscape with huge potential for future growth.

Water is an integral part of this sector, but intense issues with water quality and supply threaten financial sustainability and operational stability. Innovative water and wastewater treatment technologies, along with new water management plans, will ensure continued access to affordable, high-quality water for industry.

We design and manufacture advanced water and wastewater treatment solutions for industrial applications. Biological treatment methods and membrane technology solutions enable us to **extract maximum value from water resources.**

ADVANCED WATER TREATMENT SOLUTIONS USING MEMBRANE TECHNOLOGY FOR INDUSTRIAL APPLICATIONS



WHAT WE DO FOR YOUR BUSINESS

Greenchain Group offers a wide range of water treatment solutions and technologies suited to the industrial sector. We take a **holistic approach** during our evaluation of the facility, which includes a detailed investigation of the water streams, water usage volumes, wastewater production and potential for process optimization. A scientific characterisation of the water streams ultimately decides the technology that will be **proposed, engineered, installed and maintained at the facility.**

Greenchain's treatment solutions include technology such as Ultrafiltration (UF), Nanofiltration (NF), Reverse Osmosis (RO), Zero-Liquid-Discharge (ZLD), Membrane Bioreactors (MBR) and Upflow Anaerobic Sludge Blanket Reactors (UASB).



HIGH QUALITY TREATED WATER:



Multi-barrier compliant systems that safeguard against water quality fluctuations, contaminants, & unwanted components.



Skid-based systems or containerized solutions for any site location.



Upgrade & optimize process water.



Improve equipment longevity through the use of ultra-pure water reducing scaling on heating elements & pipe networks.



Advanced industrial automation solutions.



Comprehensive maintenance & SLA options.



Incorporate alternative water sources: Safeguard water availability by treating surface water, groundwater, seawater or effluent.



Project management: Dedicated project management teams tracking & updating deadlines.



Cost Savings: Reticulation, reuse, or the incorporation of alternative water streams can bring significant cost savings by reducing municipal consumption.



Strategic partnerships: Trusted specialists to tackle all project aspects.



Zero Liquid Discharge: Reduce costs & improve sustainability of operations by treating & reusing wastewater.



Competitive pricing ensuring value for money.

