



GREENCHAIN
— GROUP —

LEADERS IN

SUSTAINABLE & INNOVATIVE

WATER TREATMENT SOLUTIONS

greenchaingroup.com

WHAT WE DO

Greenchain Group provides **sustainable & innovative water treatment solutions** using **advanced membrane technology** for the commercial, industrial & residential development sectors.

- Custom in-house designs, led by a science & engineering team
- Quality manufacturing & assembly
- Professional delivery & installation
- Ongoing maintenance



— OUR STEP-BY-STEP PROCESS ENSURES THAT YOUR TREATMENT SYSTEM OPERATES OPTIMALLY ALLOWING YOU TO EXTRACT THE MAXIMUM RETURN FROM YOUR INVESTMENT.

— PURIFICATION & FILTRATION SOLUTIONS FOR VARIOUS WATER SOURCES:

- MUNICIPAL SUPPLIES
- SURFACE WATER
- GROUNDWATER
- SEAWATER
- EFFLUENT



MEDICAL

- Ultra-pure water production
- Strict quality control
- Minimizing disruptions & unnecessary downtime



INDUSTRIAL

- Water purification for production
- Water balancing analysis for optimal design
- Cost-saving models for realistic payback periods



FOOD & BEVERAGE

- Upgrading & safeguarding water quality for consistent production
- Design & maintenance adheres to strict compliance standards
- Efficient design for waste reduction & energy



ENERGY

- Oil & Gas industry
 - Oil & water separation
 - Raw water treatment
 - Recycling, Reuse & Zero Liquid Discharge (ZLD)
- Green Hydrogen
 - High purity water



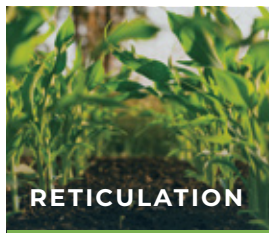
AGRICULTURE & IRRIGATION

- Smart Farming: implementing advanced technology to beat the competition
- Improving yields, decreasing water use & fertilizer demands
- Extraction of contaminants & salts affecting plant growth & soil health



MINING

- Membrane separation, desalination, clarification, process water treatment & reuse
- Drinking water for facilities
- Water discharge quality compliance & pollutant control
- Minimum-Liquid-Discharge (MLD)



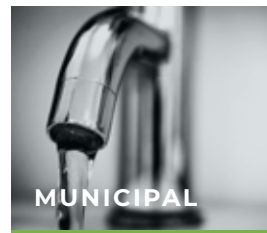
RETICULATION

- Water sustainability & budgets are improved by advanced treatment of alternative water streams
- Upgrading effluent, remediation of process/contaminated wastewater



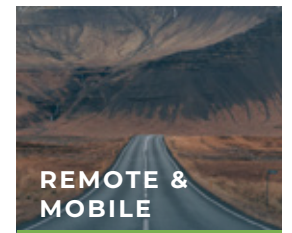
ESTATES & DEVELOPMENTS

- Alternative potable water supply for residents & gardens
- Cost-saving models for realistic payback periods
- Automated & compliant integration with a municipal water source



MUNICIPAL

- SANS241 water supply systems
- Compact solutions utilizing sophisticated membrane technology
- Strategic partners for project-managed outcomes



REMOTE & MOBILE

- Containerized solutions for remote applications
- Mobile plants for sites that are relocating
- Turnkey solutions packaged & ready to go
- Suitable for a variety of input sources



YEARS OF EXPERIENCE & CONTINUOUS RESEARCH IN THE FIELD OF WATER.

At Greenchain Group, we understand that water **quality & accessibility** are vital to the operational resilience & sustainability of your business.

By combining our expertise in the water sector with **advanced membrane technology**, we offer multi-faceted ways to manage your water streams (incoming & outgoing).

Helping you **mitigate your water-related risk** within a rapidly changing water environment.

PROVIDING YOU WITH CONTROL OVER YOUR WATER RESOURCES.

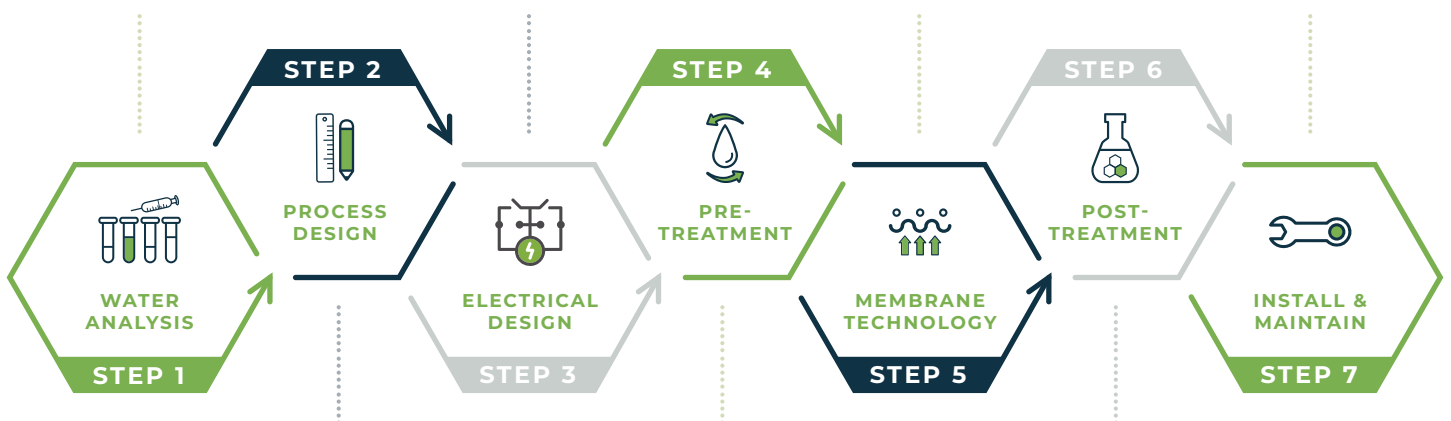
STEPS TO YOUR WATER TREATMENT SOLUTION:

Source characterization: **accredited laboratory** & in-house water tests allow for optimal & accurate system design & operation forecasts.

Control automation. Purpose-built **microcontrollers** for water treatment. **Electrical distribution** design & operation.

Brackish water **reverse osmosis.** Energy efficient rejection with **Nano Filtration.** Advanced clarification with **Ultrafiltration.** **Seawater Desalination.**

Professional installation teams. **Service level agreements.**



Engineered design & simulation optimizing mechanical components, treated quality, operational efficiency, & maintenance schedules.

Conventional pre-treatment such as **flocculation, sedimentation & clarification.** Engineered media filtration for a range of applications.

Balancing, remineralization, & pH correction. UV Disinfection. Controlled chlorine disinfection. Polishing to **pharmaceutical or laboratory quality.**

WE ARE HERE TO ASSIST YOU EVERY STEP OF THE WAY.

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SCAN ME

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