GreenTech

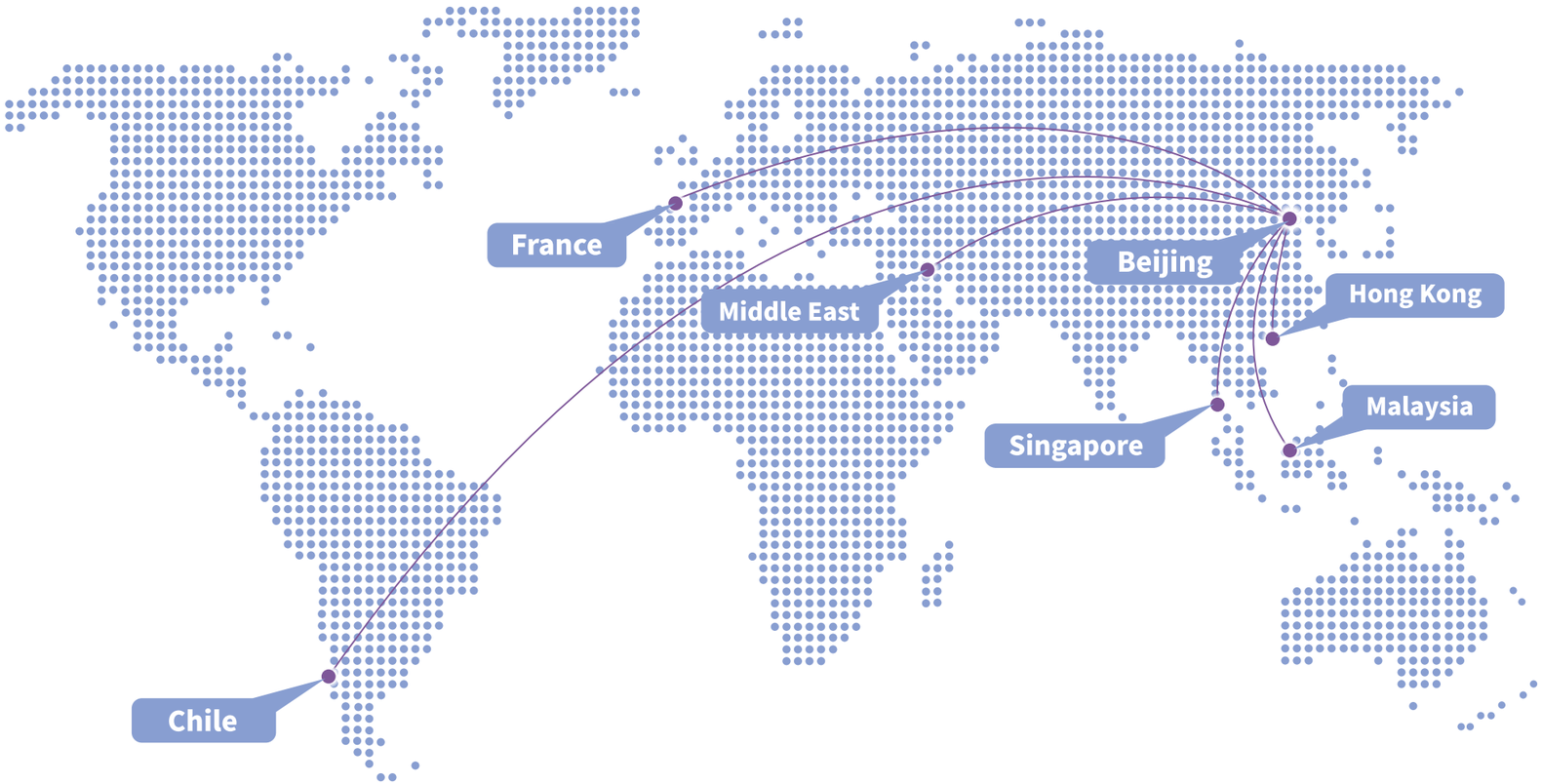
ADVANCED WATER TREATMENT AND WASTE-TO-RESOURCES SPECIALIST

GreenTech Environmental Co., Ltd.

ABOUT US

Founded in 2004, GreenTech Environmental Co Ltd, is a leading technology company listed on the Shanghai Stock Exchange (688466.SH). GreenTech focuses on advanced water treatment and waste-to-resources utilization, providing its customers with full lifecycle solutions through investment, construction, operation, and service.

- National High Tech Enterprise
- National Specialized and Innovative "Little Giant" Enterprise
- First Class Honor for the Environmental Protection Science and Technology Award offered by the Chinese Society for Environmental Sciences
- First Class Honor for the Science and Technology Award offered by the Membrane Industry Association of China
- First Class Honor of the "China Environmental Protection Federation Science and Technology Award"
- Establishment of a Postdoctoral Research Workstation



IDENTITY
The expert in advanced water treatment and waste-to-resources

MISSION
AI for Water Freedom

VISION
To become the world leader in advanced water treatment and water reuse

HISTORY

2004
Establishment of GreenTech Environmental in Beijing

2006
Contract signed for the Tangshan Industrial Wastewater Resource Utilization Project

2007
Strategic cooperation with Dutch investors, establishment of the Sino-Dutch Water Investment Group

2008
Contract signed for the first municipal sewage resource utilization PIPP project in Yuanping, Shanxi Province

2014
Strategic investment by Abengoa

2015
Contract signed with Middle East Steel Group Industrial Wastewater Resource Utilization Project

Pioneered the development and application of the 'Digital Water Plant Twin' intelligent operation and management platform

2016
Strategic investment by the Beijing Enterprises Water Group

2017
Contract signed for the first 'Blue Ecological Park' Industrial Wastewater Resource Utilization Project in Tangshan

GTMOST Membrane Universal Platform obtained international invention patent

2019
Contract signed for the first large-scale project in China for the application of nanofiltration technology to treat micro-pollutants in surface water in Zhangjiagang City

2020
Listed on the Shanghai Stock Exchange Science and Technology Innovation Board

2021
GreenTech's first 'Engineering Productized' water plant - Wuxi Reclaimed Water Plant officially started commercial operation

2022
Establishment of the Pipeline Technology Company

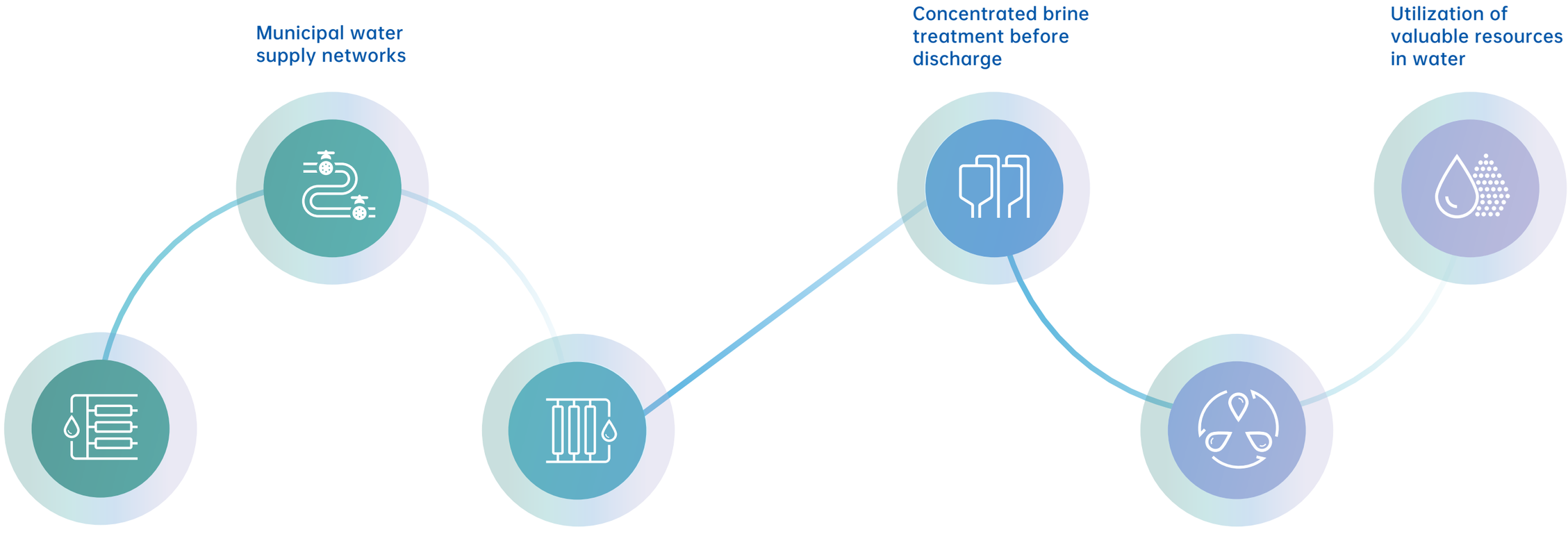
2023
Establishment of BlueNexus Technologies Pte Ltd in Singapore

2024
Released Newater House 2.0® – robust and efficient robotic water plant

2025
Integrated DeepSeek AI model and released WateRobot®1.0 AI agent for WTP management

BUSINESS SCOPE

GreenTech Environmental focuses on the fields of advanced water treatment and resource utilization of wastewater



TECHNOLOGY PRODUCT

1 Drinking Water Advanced Treatment Technology Package

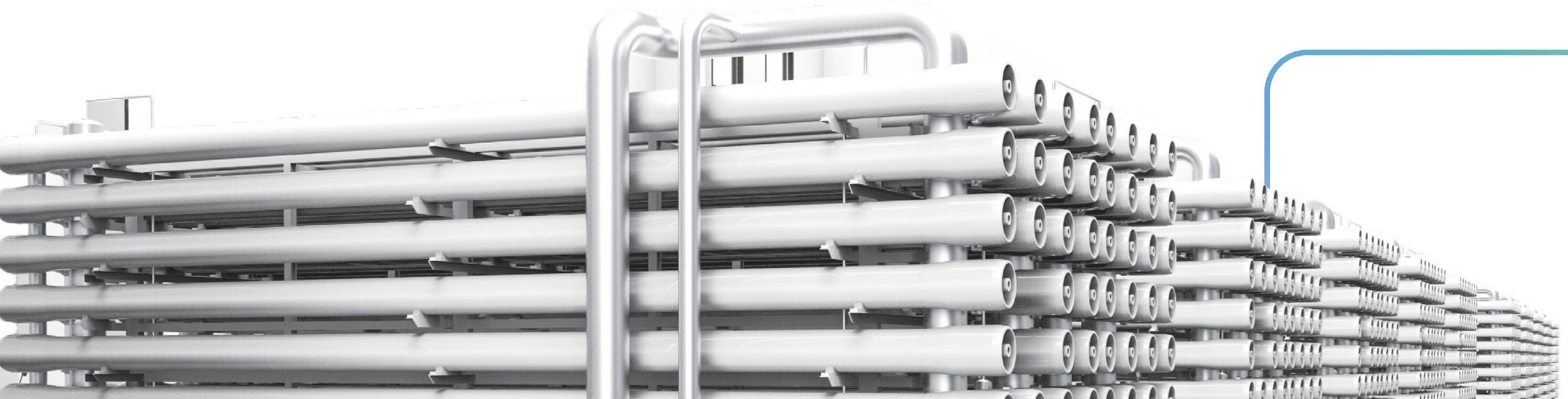
We are able to guarantee the quality of water supply, reduce membrane fouling, extend membrane service life, and reduce overall OPEX of the treatment system through the combined application of the Membrane Universal Platform, membrane fouling prevention, IMS direct coupling, precise dosing, and precise prevention of scale formation technologies that are independently developed by GreenTech.

- **BioSecure** Biosecurity Technology Package
- **SlightPol** High-Quality Water Supply Technology Package for Slightly-Polluted Water Sources
- **BWD** Brackish Water Desalination Technology Package

2 High Quality Urban Homogeneous Water Supply Network Technology Package

GreenTech's independently developed water quality protection technology for urban water supply networks eliminates secondary pollution caused by the existing water supply pipelines, providing high-quality drinking water from "source" to "tap".

- **Vortex** Pipeline Gas-Water Vortex Cleaning Technology
- **Folmar** Water Quality Protection Technology for Pipeline Networks
- Pipeline Leakage Control Technology
- Pipeline Water Quality Intelligent Control Technology



3 Wastewater Resource Utilization Technology Package

GreenTech wastewater reclaim technologies enable our customers to reuse wastewater and reclaim resources from wastewater, turning waste into treasure.

- This combined package applies GreenTech's independently developed technologies, including Membrane Universal Platform, membrane fouling prevention, IMS direct coupling, precise dosing, and precise prevention of scale formation.

- **HEZLD** High-Efficiency Zero Liquid Discharge Technology Package

  Efficient and cost-effective zero liquid discharge is achieved while producing valuable salt products through advanced technologies such as the concentration process of Newater House membranes, **Crysacter** crystallization softening, and evaporative crystallization

- **COBF** Concentrated Brine Discharge Treatment Technology Package

  The treated reverse osmosis/nanofiltration concentrate meets the Grade A or Surface Water Class IV Standards in China. Core technologies include **Crysacter** crystallization softening, **HEOCCT** O_3/H_2O_2 synergistic catalytic oxidation, anti-clogging biofilter, ultrafiltration, and more.

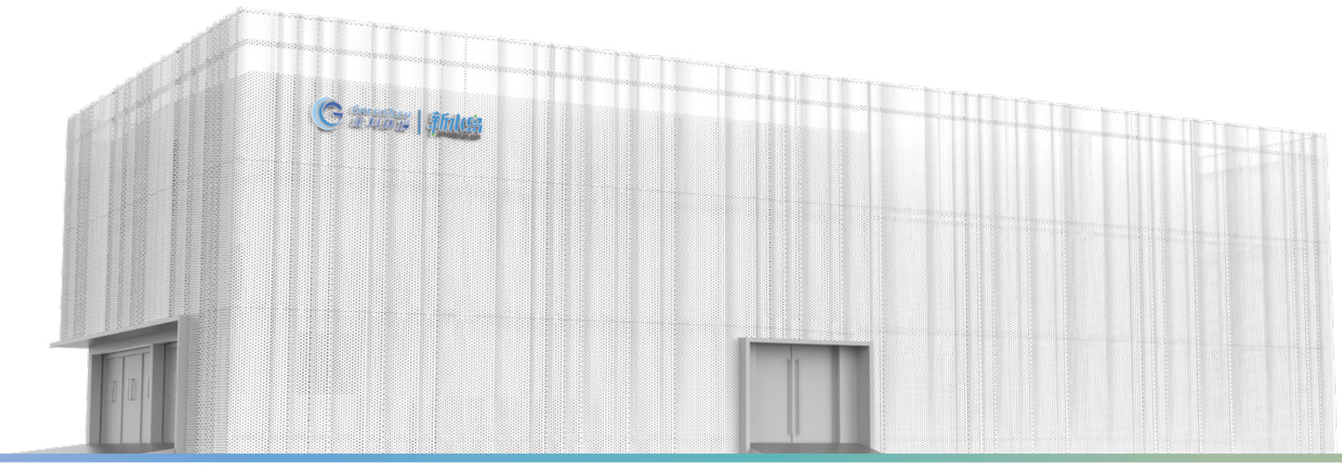
4 Newater House

Fundamentally subverts the traditional engineering construction model of water plants with an industrial productization mindset. Utilizing the WateRobot® AI Agent Operations Platform independently developed by GreenTech, it integrates all equipment, facilities, buildings and structures into cohesive design. The entire system is prefabricated, debugged, and trial-operated in the Newater House Super Factory and delivered as a complete, intelligent unit, ready for quick assembly at the user's installation site.

- Drawing from the extensive data and experience gained from more than 100 projects over 20 years, GreenTech has distilled its expertise in water plant design,equipment manufacturing, engineering construction, and operation management into the products, Newater House.

- Newater House offer automated, safe and efficient management to deliver high-quality water for industrial enterprises, parks and municipality. This solution addresses water shortages, environmental capacity issues, water safety, and high costs..

Modular Design — **Industrialized Production** — **Rapid Installation & Delivery** — **AI Intelligent Operations** — **4S Professional Services**



Newater House was selected into the "Catalog of Industrial Water-Saving Processes, Technologies, and Equipment Encouraged by the State (2023)" compiled by the Ministry of Industry and Information Technology and the Ministry of Water Resources

5 WateRobot® AI Agent

AI Intelligent Operation Management Platform

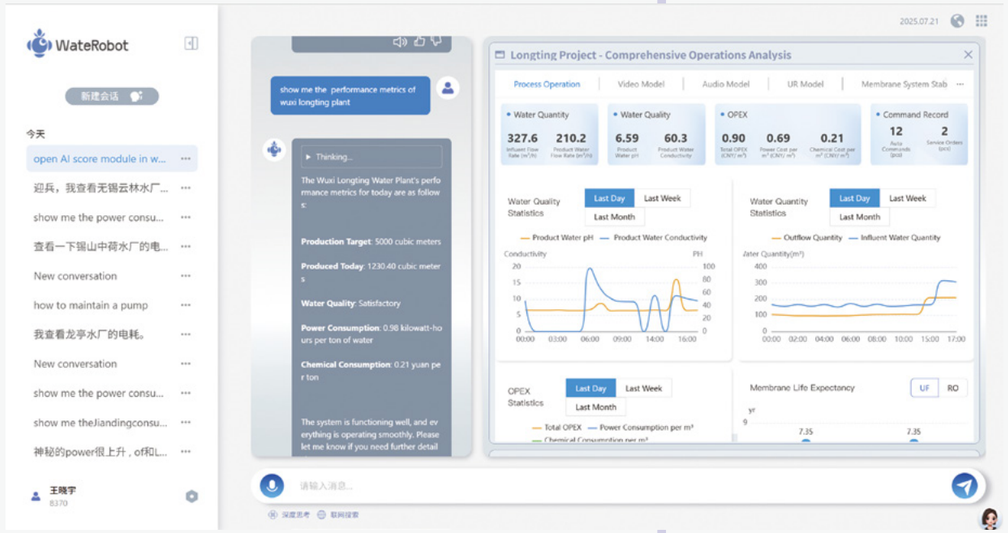
The AI Intelligent Operation Management Platform, built on the DeepSeek-R1 inference model, integrates proprietary process, visual, and auditory models with extensive water treatment design, technical, and operational data. It enables end-to-end intelligent management of water treatment processes, achieving unmanned, safe, and highly efficient operations.

Improving Efficiency & Reducing Costs

In Wuxi Regional Operations Center, 5 decentralized water plants achieved full-scope intelligent management. The deployment of WateRobot® AI Agent led to 58% reduction in operational staff, 12.7% decrease in energy consumption and a new O&M model combining "AI Agents + 4S On-Site Service", integrating online smart operations with offline professional, real-time, and efficient maintenance services.

Enabling Unmanned, Safe, and Efficient Water Plant Operations

- **Unmanned Operation:** A multi-modal integrated architecture optimizes processes, enables autonomous monitoring, predicts failures, and supports maintenance decisions—with over 90% recognition accuracy, replacing manual inspections and operational adjustments.
- **Autonomous Agent Operation:** Generates 12 types of standard reports (e.g., cost analysis, equipment maintenance, operational performance) on demand, providing data-driven decision support for stable and efficient operations.
- **Intelligent Interactive Consultation:** As an AI agent, WateRobot® enables human-machine interaction, autonomously accessing SCADA systems, digital twin platforms, and other operational systems to deliver real-time visualized data and feedback.
- **Zero-Barrier Operation:** Plug-and-play functionality with natural language interaction, while retaining traditional configuration interfaces to meet ISO 9001 safety and compliance requirements.



FEATURED PROJECTS

Advanced Water Treatment

We have completed a variety of national projects, pioneered multiple innovative technologies, and won numerous domestic and international awards.

Xiong'an New Area No.1 Tap Water Plant

Water Production: 150,000 m^3/d

Core Technology:
BioSecure Biological Safety Technology Package

Drinking water plants for the Beijing 2022 Winter Olympics main venues in Chongli and Yanqing

Water Production: 25,000 m^3/d

Core Technology:
BioSecure Biological Safety Technology Package

- National High-Quality Engineering Award for 2022-2023

Advanced Water Treatment

- 2022 GWI Water Project of the Year
- Selected as a demonstrating engineering project by the China Urban Water Association in 2022
- Pioneered a new technology pathway of using nanofiltration-combined membrane technology to produce high-quality drinking water from slightly-polluted water source

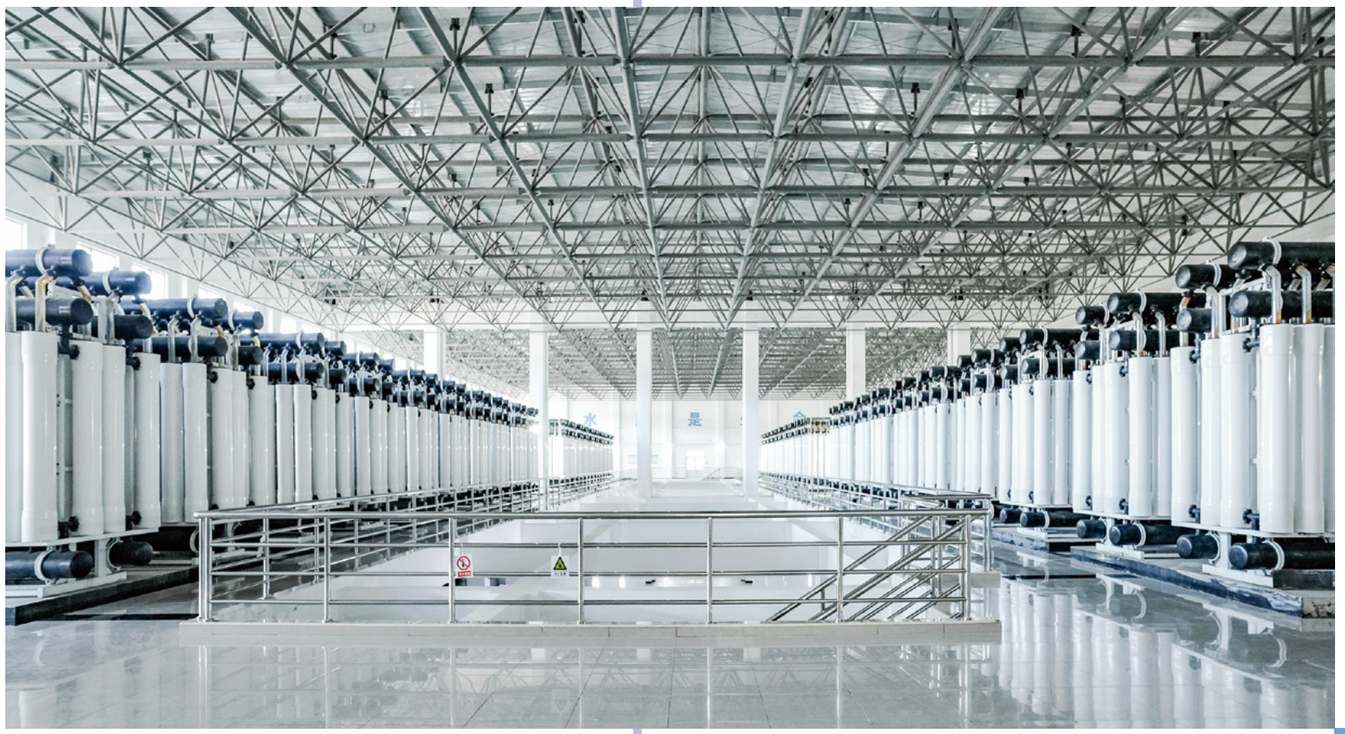
Advanced Water Treatment by Nanofiltration in Zhangjiagang No.3 and No.4 Water Treatment Plants

Water Production: 400,000 m^3/d

Core Technology:
SlightPol High-Quality Water Supply Technology Package for Slightly Polluted Water Source

FEATURED PROJECTS

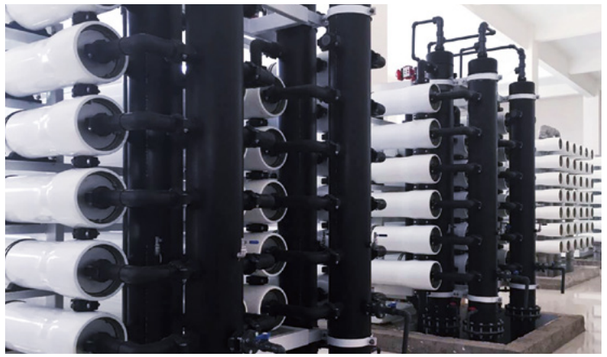
Advanced Water Treatment



Beijing South-to-North Water Diversion Shijingshan Water Plant

Water Production: 200,000 m^3/d

Core Technology:
BioSecure Biological Safety Technology Package



Multiple brackish water desalination projects in northwest China

Water Production: 200,000 m^3/d

Core Technology:
BWD Brackish Water Desalination Technology Package

Wastewater Resource Utilization

We supply high-quality reclaimed water to a wide range of industries, such as solar, electronics, plastic, printing and dyeing, and steel, achieving the commercialization of high-quality water resources.

Wuxi Longting Newater House, Xishan Reclaimed Water Project

Providing 25,000 m^3/d of high-quality reclaimed water for PCB companies

Newater House Wuxi Reclaimed Water Plant received special subsidies RMB 20,199,200 from the Jiangsu Province Yangtze River Basin Ecological Protection and Restoration Project in 2022

Wuxi Tripod Newater House

Providing 2,500 m^3/d of high-quality reclaimed water for Tripod (WUXI) Electronic Co., Ltd.

Wuxi Anzhen Newater House

Providing 5,000 m^3/d of high-quality reclaimed water for leading solar companies

Wastewater Resource Utilization

Tangshan Nanpu Reclaimed Water Project

Providing 87,000 m^3/d of high-quality reclaimed water for chloralkali chemical and chemical fiber producers

Tangshan Nanpu Wastewater Reclaimed and Reuse Project Phase Ⅱ successfully obtained the central infrastructure budget funds RMB 50,000,000.

Hebei Gaoyang Reclaimed Water Project

Providing 13,500 m^3/d of high-quality reclaimed water for printing and dyeing enterprises

Wastewater Resource Utilization

Middle East Steel Industry Reclaimed Water Project

Providing 15,000 m^3/d of high-quality reclaimed water for steel producers

The Middle East Steel Industry Reclaimed Water Project was selected as a demonstrating project for coordinated pollution reduction, carbon reduction, and efficiency improvement under the Belt and Road Initiative

Ningxia Zhongwei High-Efficiency Zero Liquid Discharge Project

The reclamation of 25,000 m^3/d of wastewater, while achieving zero liquid waste discharge

Tangshan Nanpu Concentrated Brine Discharge Treatment Project

The treatment of 40,000 m^3/d of concentrated brine before discharge, effluent quality achieving Surface Water Class IV Standards of China

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