

FOUR CORE BUSINESS AREAS OF INNOGREEN

- Water Treatment Engineering
- Water Treatment Operation & Maintenance
- Landfill Leachate Treatment
- Purified Water Products



INNOREEN
Beijing Innogreen Technology Co.,Ltd



Innogreen Official
WeChat Account



Innogreen Video
Channel

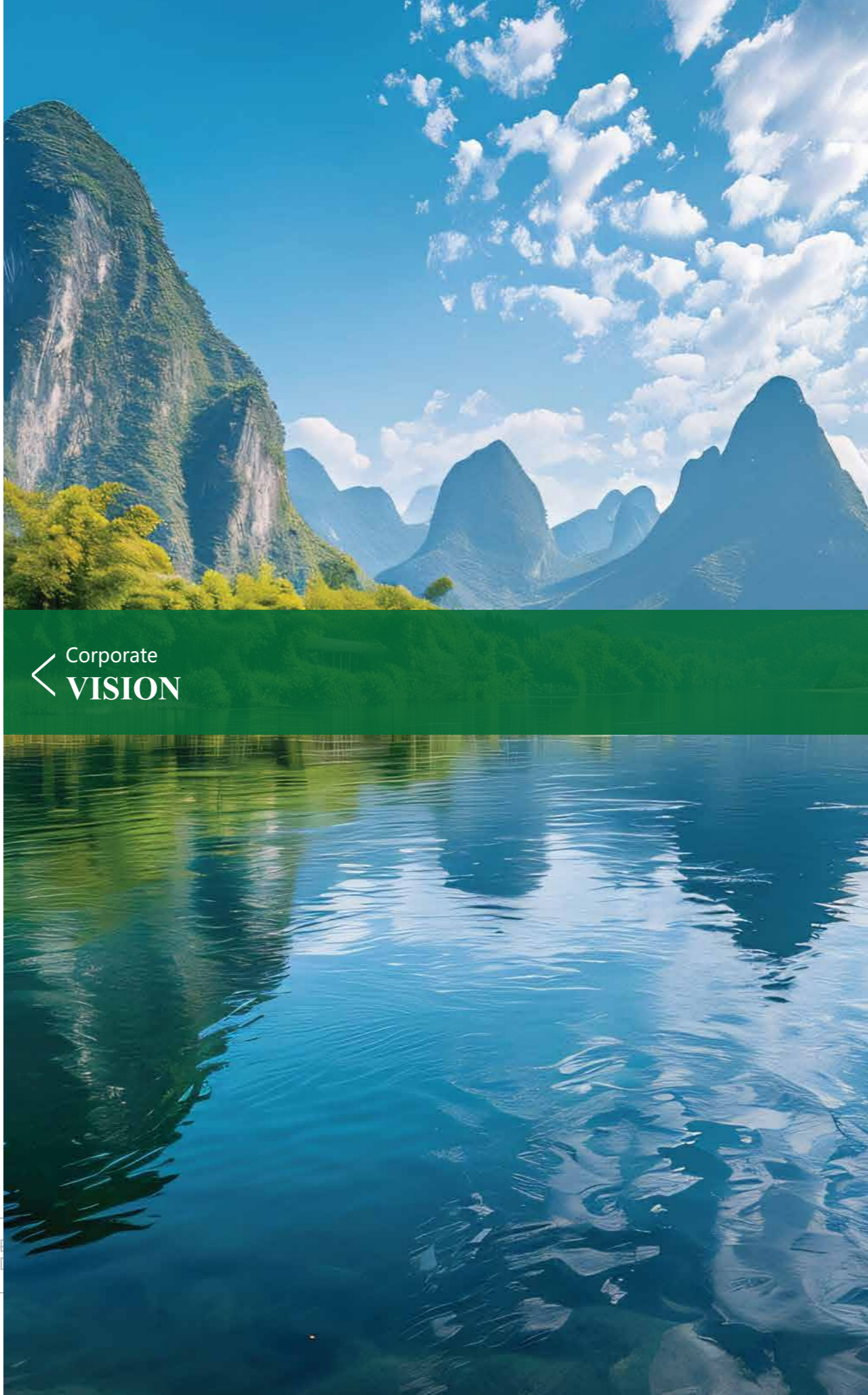


Innogreen Douyin
Account

Beijing Innogreen Technology Co.,Ltd

Head Office (Beijing): Building A, Zhonglin Real Estate Tower, No. 28 South Third Ring West Road, Fengtai District, Beijing, China

Manufacturing Center: Inno Environmental Industrial Park, Beipiao Economic Development Zone, Chaoyang City, Liaoning Province, China



People of Innogreen

Stay true to our original aspiration
Advance with stability and determination

Become an international leading enterprise focused
on sustainable development of hydraulic and environmental
undertakings for **100 years.**

Corporate
VISION

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COMPANY PROFILE



CORPORATE MISSION: LEAD THE INDUSTRY THROUGH INNOVATION, IMPROVE LIVES THROUGH PRODUCTS, EMPOWER EMPLOYEES THROUGH SPACE, AND GIVE BACK TO SOCIETY THROUGH EFFICIENCY.

Beijing Innogreen Technology Co.,Ltd, founded in 2004 and headquartered in Beijing, is a new type of environmental protection enterprise in China. The company integrates the R&D and manufacturing of membrane products and water treatment products, the design and implementation of water treatment systems, engineering installation and services, water treatment operation and maintenance services, technical consulting, and water investment & operation into one comprehensive platform.

Innogreen is a national high-tech enterprise and a National “Little Giant” Enterprise for Specialized, Refined, Differentiated, and Innovative Development. It holds over 60 national patents and software copyrights, possesses full-project BIM3D modeling design capabilities, and operates the largest environmental equipment manufacturing base in northern China, covering 270 mu with a construction area of 140,000 m. The base functions as a one-stop manufacturing hub for water treatment products, equipped with over 400 sets of advanced domestic and international production equipment. The company also owns a 1,500 m² in-house water quality testing center, equipped with over 80 sets of advanced testing instruments, capable of performing over 100 types of water and environmental parameter tests. Innogreen has developed a Smart Cloud Construction Site Management Platform, enabling comprehensive safety, progress, material, and civilized construction management throughout the full construction cycle of all ongoing projects.

Innogreen has established the Jinan Environmental Design Institute, the Shenyang Technology Center, and branch offices in Shijiazhuang, Wuhan, Ganzhou, Chongqing, and other cities, with a professional team of 700 employees. Business Scope includes: Industrial water treatment for petrochemical, coal mining, and metallurgical industries, Municipal water supply and wastewater treatment, Reclaimed water reuse and wastewater resource recovery, Zero Liquid Discharge (ZLD) systems, Land-fill leachate treatment, Water treatment operation and maintenance services, Commercial purified water treatment, Membrane product manufacturing, Water investment and operation. Innogreen is a comprehensive water engineering platform that covers the entire spectrum of water treatment services, offering one-stop solutions to address all water-related challenges.

Over 30

PROFESSIONAL QUALIFICATIONS AND CERTIFICATIONS

- General Contracting Qualification for Municipal Projects
- General Contracting Qualification for Intelligent Building Systems
- Specialized Contracting Qualification for Environmental Protection Projects

Over 400 Sets

ADVANCED DOMESTIC AND INTERNATIONAL MANUFACTURING EQUIPMENT

- CNC Laser Cutting Machines
- CNC Wire Cutting Machines
- CNC Hydraulic Turret Punch Presses
- Robotic Welding Systems
- CNC Hydraulic Press Brakes
-

700+

PROFESSIONAL STAFF, ONE-STOP SERVICES

- 80% technical professionals
- All senior management with experience in multinational or large-scale enterprises
- 70% with bachelor's degree or higher

140,000 m²

ENVIRONMENTAL EQUIPMENT MANUFACTURING FACILITIES

- 11 dedicated production workshops
- One-stop product manufacturing enterprise

20+

YEARS OF EXCELLENCE

- Founded in 2004
- Member of Zhongguancun Science Park
- National High-Tech Enterprise
- “Little Giant” Enterprise for Specialized Innovation
- Industry leader in membrane-based water purification

Over 80 Sets

ADVANCED TESTING EQUIPMENT

- In-house Water Quality Testing Center
- Testing for Over 100 Water and Environmental Parameters

Over 60

ADVANCED TESTING EQUIPMENT

- MBR(Membrane Bioreactor)
- High Desalination RO
- Mobile Emergency Water Supply
- Zero Liquid Discharge of Wastewater
- Acid and Brine Wastewater Treatment
- Lithium Extraction from Salt Lakes
- Various Control System Copyrights

3 R&D

CENTERS

- Beijing, Jinan, Shenyang
- Supported by regional branches in Shijiazhuang, Wuhan, Ganzhou, Chongqing, and more

4 Core

BUSINESS AREAS

- Water Treatment Engineering
- Water Treatment Operation & Maintenance
- Leachate Treatment
- Purified Water Products

5

INTERNATIONAL STRATEGIC PARTNERS

- DuPont
- Toray
- IHUAA
- Xpure
-

COMPANY HISTORY

2004

Company Founded

- Established in Zhongguancun, Beijing
- Completed construction of the first production workshop in Beijing

2008

Industry Leader in Water Purifiers

- Became the largest manufacturer of purified water equipment in northern China
- Designated supplier of purified water equipment for the Beijing Olympic logistical services
- One of the first companies to donate water purification equipment for the Wenchuan Earthquake relief
- Recognized as one of China's Top Ten Water Purifier Brands

2012

Expansion into Wastewater Sector

- Established divisions for residential terminal purification, industrial ultrapure water, softened water, laboratory ultrapure water, and EDI systems
- Founded the Wastewater Division
- Received investment from Legend Capital and Legend Star
- Constructed China's second-largest nanofiltration system in Xilinhot

2015

Leap in Capital Development

- Signed strategic agreement with listed company Kerong Environment
- Launched the first BOT project
- Implemented the first PPP operation project
- Constructed the Koubei Water Project

2019

Top Three in Membrane-Based Water Treatment

- Served over 1,000 clients
- Became No.1 in water treatment for the waste incineration and biomass power generation industries
- Annual usage of over 30,000 RO membrane elements
- Strategic partnerships with Toray and DuPont
Built the largest dual-membrane system in northern China

2020

Solidifying Sustainable Development in Manufacturing

- Established the largest one-stop environmental protection base in northern China
- Founded the New Business Development Center
- Expanded into post-service segments of water treatment engineering
- Entered the rural environmental management market

2021

Industry Integration and Shared Growth

- Integrated the four major business segments of the group
- Chairman recognized as a Key Influencer in Rural Water Environment in 2021
- Participated projects awarded the National Quality Engineering Award
- Visited by China's Vice Premier and Governor of Liaoning Province

2024

The Overseas Business Having Taken Initial Shape

- The Group launched a new 10-year strategic layout.
- Signed a photovoltaic green hydrogen production-project with Longi for Australian Gas Infrastructure Group (AGIG).
- Successively signed multiple overseas projects in Russia, the United Arab Emirates, Uzbekistan, Kazakhstan, Indonesia, etc.
- Successfully won the bid for the Huajin Aramco 3250T/H condensate polishing system (the most well known domestic project with the largest water treatment capacity in 2024).

QUALIFICATION & HONORS

- National “Little Giant” Enterprise for Specialized, Refined, Differentiated, and Innovative Development
- Construction Enterprise Qualification Certificate
- Provincial-Level Enterprise Technology Center
- National High-Tech Enterprise
- Sinopec Credit Certificate



National “Little Giant” Enterprise



National High-Tech Enterprise



Provincial-Level Enterprise Technology Center



Sinopec Credit Certificate

Construction Enterprise Qualification Certificate

We focus on the quality, environmental performance, and safety of our products and services.

- General Contracting Qualification for Municipal Public Works
- Specialized Contracting Qualification for Building Mechanical & Electrical Installation
- Specialized Contracting Qualification for Environmental Protection Engineering



TECHNOLOGY AND R&D

Three Major Technical Centers

 <p>Beijing R&D Center</p>	 <p>Jinan Environmental Engineering Design Institute</p>	 <p>Shenyang Technical Center</p>
<p>Integrates domestic and international achievements, focusing on fundamental process development, product R&D and design, as well as the introduction of new technologies and products.</p>	<p>Focuses on product information technology and cloud platform development, technical support for production processes, and delivery of customer solutions.</p>	<p>Specializes in feasibility studies for customer projects, detailed engineering design, and on-site technical support.</p>

University-Enterprise and International Collaboration

The company has established close R&D cooperation with institutions such as the Chinese Academy of Sciences, Tsinghua University, China Agricultural University, and the University of Science and Technology Beijing. It has also established a Technology Industrialization Promotion Base and a Graduate Training Base within its production site under the Water Environment Industry Research Institute. At the international level, Innogreen is a strategic partner of DuPont China and Toray China, working together to implement globally advanced environmental governance technologies.

	 <p>Strategic Partner of Toray China</p>
	 <p>Strategic Partner of DuPont China</p>

University-Enterprise Collaboration
International Collaboration

In-House Testing Center

To support product development and customer service, the company has established its own testing center, equipped with over 80 sets of advanced testing instruments. It is capable of performing over 100 types of water quality and environmental parameter tests, and provides these services free of charge to customers




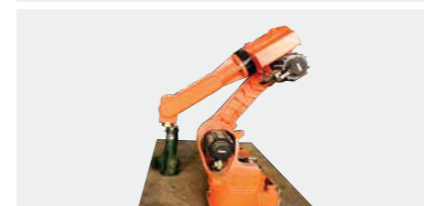





			
<p>General Physicochemical Parameters Testing Room</p>	<p>Routine Ion Testing Room</p>	<p>Metal Parameters Testing Room</p>	<p>Microbiological Parameters Testing Room</p>

EQUIPMENT MANUFACTURING

Production Workshop On-Site Photos

		
<p>Filters and Ion Exchange Equipment</p>	<p>Hollow Fiber Ultrafiltration Membranes</p>	<p>Membrane Separation Skid Equipment</p>
		
<p>Sodium Hypochlorite Disinfection Equipment</p>	<p>DTRO Landfill Leachate Treatment Equipment</p>	<p>Integrated Domestic Sewage Treatment Equipment</p>

Advanced Production Equipment

		
<p>CNC Laser Cutting Machine</p>	<p>Hydraulic CNC Turret Punch Press</p>	<p>Hydraulic CNC Bending Machine</p>
		
<p>Welding Robots</p>	<p>CNC Wire Cutting Machine</p>	<p>Cross-arm Automatic Welding Equipment</p>
		
<p>SMC Sheet Production Line</p>	<p>2000T Four-Column Hydraulic Press</p>	<p>Innogreen Smart Cloud Platform</p>

BUSINESS AREA WATER TREATMENT ENGINEERING

SELECTED PROJECT CASES



China Chemical Engineering Sixth Construction Co., Ltd.

PT.SULAWESI NICKEL COBALT 3×1,000,000 Tons Sulfur based Sulfuric Acid Plant EPC Project -Chemical Water System

Capacity:2×280t/h
Process:Multimedia Filter+Ultrafiltration+Singlestage RO+Mixed Bed



SEPCOIII Electric Power Construction Co., Ltd.

Uzbekistan Surkhandarya 1600MW Combined Cycle Natural Gas-fired (CCGT) Power Plant Water Treatment Equipment

Capacity:2×23t/h
Process:Flocculation Inclined Plate Sedimentation Tank+Multimedia Filter+Activated Carbon Filter+Ultrafiltration+Double-stage RO+EDI



ACRE Coking & Refractory Engineering Consulting Corporation (Dalian),MGC

Russia KS-TECH Coking Project - Deionized Water Station Complete Equipment

Capacity:3×60t/h
Process:Multimedia Filter+Single-stage RO+EDI



SEPCOIII Electric Power Construction Co., Ltd.

EuroChem Chemical Complex Project -SAP Project Demineralized and Industrial Water Station and sand filter

Capacity:2×70t/h
Process:Multimedia Filter+Activated Carbon Filter+Double-stage RO+EDI



SEPCOIII Electric Power Construction Co., Ltd.

Qatar Peaking Units Project Water Treatment Plant & Wastewater Treatment Plant

Capacity:2×40t/h+2×0.2t/h
Process:Multimedia Filter+Activated Carbon Filter+Ultrafiltration+Double-stage RO+EDI



Wuxi Longi Hydrogen Energy Technology Co., Ltd.

Pure Water Unit

Capacity:2×3t/h
Process:Multimedia Filter+Activated Carbon Filter+Double-stage RO+EDI



North Huajin United Petrochemical Co., Ltd.

Fine Chemicals and Raw Materials Project - Condensate Water Station Complete Equipment

Capacity:2500t/h+750t/h
Process:Utility Engineering Area: Primary Filter+Secondary Filter+Activated Carbon Filter+Prepositive Cation Bed+Mixed Bed
Refining Area: Primary Filter+Secondary Filter+Activated Carbon Composite Filter+Prepositive Cation Bed+Mixed Bed



Jinfeng Green Energy Chemical (Xing'an League) Co., Ltd.

Green Hydrogen to 500,000 Tons Green Methanol Project (Phase I: 250,000 Tons)

Capacity:2×130t/h
Process:Multimedia Filter+Ultrafiltration+Double-stage RO+EDI



Sinopec Guangzhou Engineering Co., Ltd.

Green Hydrogen Demonstration Project Material Procurement

Capacity:60t/h
Process:Fiber Filter+Ultrafiltration+Double-stage RO+EDI



China Energy Construction Songyuan Hydrogen Energy Industrial Park

Green Hydrogen-Ammonia-Alcohol Integration EPC Project - Demineralized Water Preparation System Equipment

Capacity:2×65t/h
Process:Multimedia Filter+Ultrafiltration+Double-stage RO+EDI



Power China Guizhou Electric Power Design Institute

Cogeneration and Supporting Projects in the Core Area of Kaiyang Industrial Park, Guiyang City, Guizhou Province

Capacity:3×135t/h
Process:Ultrafiltration+Double-stage RO+EDI

BUSINESS AREA WATER TREATMENT ENGINEERING

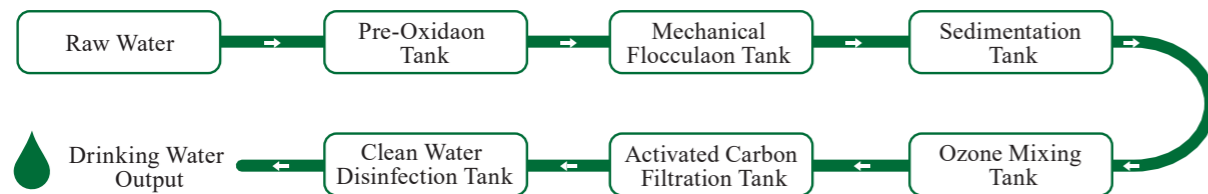
SELECTED PROJECT CASES

🕒 Municipal Drinking Water Projects

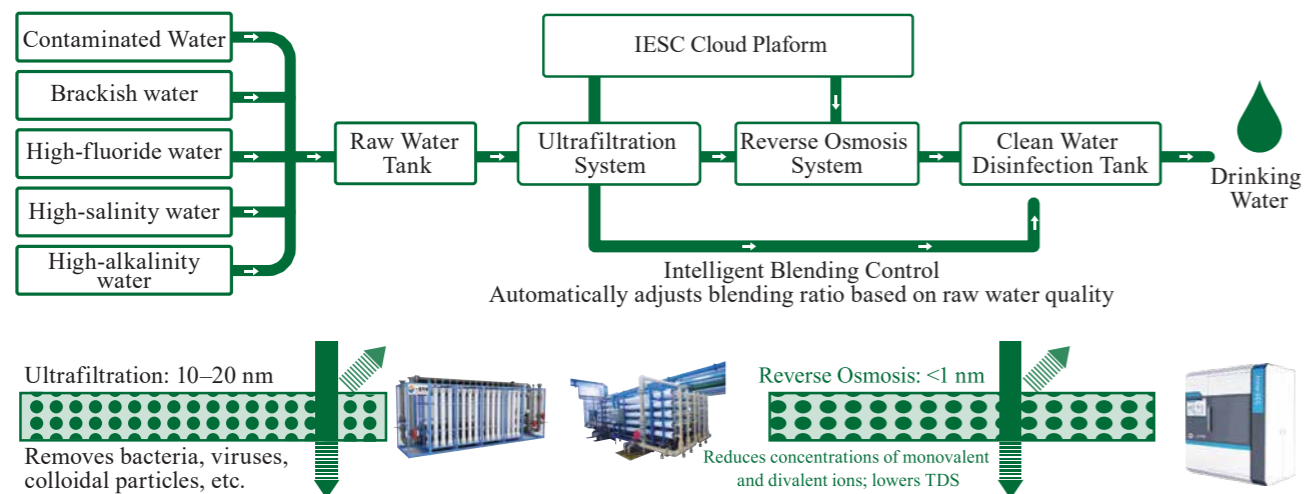


Advanced Purification Process for Raw Water Contaminated with Trace Organic Pollutants

Applicable Conditions: When all other indicators in the raw water meet or exceed Class III of the Environmental Quality Standards for Surface Water (GB3838-2002) except for organic pollutants, this advanced treatment solution has been tested and validated for effectiveness.



Dual-Membrane Process for Ion-Exceeding Raw Water in Drinking Water Plants



Koubei Water Plant, Chaoyang, Liaoning

Treatment Capacity: 20,000 m³/day
Core Process: Ultrafiltration 6 × 189 t/h + Reverse Osmosis 6 × 142 t/h



Xilinhot Municipal Water Plant

Treatment Capacity: 33,600 m³/day
Core Process: Pretreatment + Nanofiltration



Rongcheng Water Plant, Xiong'an

Treatment Capacity: 25,000 m³/day
Core Process: Inclined Plate Reactor + Horizontal Flow Sedimentation Tank + Dissolved Air Flotation Tank + Submerged Ultrafiltration Membrane Tank + Disinfection



Woniushan Water Plant, Yantai, Shandong

Treatment Capacity: 67,000 m³/day
Core Process: Ultrafiltration + Reverse Osmosis



Zhiyang Water Plant, Fushan District, Yantai

Treatment Capacity: 12,000 m³/day
Core Process: Ultrafiltration + Reverse Osmosis

BUSINESS AREA WATER TREATMENT ENGINEERING

SELECTED PROJECT CASES

Water Treatment Engineering



Water Supply Treatment:

Water supply treatment includes raw water treatment, boiler feedwater, industrial demineralized water, purified water, and emergency water supply.

Application Scope:

Applicable in industries such as thermal power plants, coal chemical, petrochemical, steel, metallurgy, and energy, for uses such as: Boiler unit water, Industrial water, Industrial circulation water, Equipment cooling water, Process water in daily chemical industries such as textile dyeing and papermaking, Solvent water and cleaning water used in chemical production and processing

Typical Treatment Processes

Treatment Processes	Application Scenarios	Product Water Quality Standards
Chemical dosing + sedimentation + filtration	Industrial water, circulating water, and cooling water in factory areas	Design Code for Industrial Circulating Cooling Water Treatment (GB 50050)
Mechanical filtration + reverse osmosis	Process water and cleaning water for chemical production	Desalination rate $\geq 98\%$ Iron content ≤ 0.05 mg/L
Mechanical filtration + reverse osmosis + softening	Medium and low pressure boiler feedwater	Industrial Boiler Water Quality Standard (GB/T 1576)
Mechanical filtration + cation exchanger + anion exchanger + mixed bed Mechanical filtration + cation exchanger + anion exchanger + mixed bed	Thermal power plant boiler water, high pressure boiler water	Water and Steam Quality for Thermal Power Units and Steam Power Equipment (GB/T 12145)
Ultrafiltration + two-stage reverse osmosis + EDI	General boiler water	Water and Steam Quality for Thermal Power Units and Steam Power Equipment (GB/T 12145)



Lunan Chemical Co., Ltd.

Desalinated Water Station for the 300,000 t/a Caprolactam Utility and Auxiliary Facilities Project

Treatment Capacity:

10 × 200 High-efficiency fiber filters 6 × 260 Self-cleaning filters
6 × 240 Ultrafiltration 6 × 218 1st-stage Reverse Osmosis
6 × 185 2nd-stage Reverse Osmosis 6 × 167 t/h EDI
Treatment Process: Full membrane process



Inner Mongolia Huaheng Energy Technology Co., Ltd.

3×220 t/h + 2×B20 Project

Treatment Capacity:

Core Process: Multimedia filtration + Ultrafiltration + Two-stage Reverse Osmosis + EDI



Yihai Kerry (Fuyu) Energy Co., Ltd. Thermal Power Plant

Boiler Feed Water Treatment System Project

Treatment Capacity: 2 × 200 m³/h

Process: Ultrafiltration + Primary Reverse Osmosis + Secondary Reverse Osmosis + EDI



Junan Liyuan Thermal Power Co., Ltd.

2×350MW Cogeneration Desalinated Water Project

Capacity: 4 × 120 t/h

Process: Ultrafiltration + Reverse Osmosis + Mixed Bed



Ningxia Hengli Biological New Material Co., Ltd.

Desalinated Water System for 50,000 t/a Dodecanedioic Acid Project

Capacity: 3 × 90 t/h

Process: Ultrafiltration + Reverse Osmosis + EDI (Full Membrane Process)



Linhua Zhongli (Huaibei Huancheng) Industrial Park Phase I

Coking Phase III Heating and Water Supply Project

Capacity: 2 × 130 m³/h

Process: PCF + Ultrafiltration + Two-stage Reverse Osmosis + Mixed Bed



Rongcheng City Natural Gas Cogeneration Project

Boiler Feed Water Treatment System Project

Capacity: 3 × 200 m³/h

Process: Ultrafiltration + Reverse Osmosis + EDI (Full Membrane Process)



Xuzhou Longxingtai

Desalinated Water System for 2.6 Million t/a Coking and 300,000 t Methanol Co-production Project

Treatment Capacity: 4 × 80 m³/h

Process: Pretreatment + Reverse Osmosis + EDI

BUSINESS AREA WATER TREATMENT ENGINEERING

◎ BUSINESS AREA Water Treatment Engineering



Process Flow:

Domestic sewage → Bar Screen / Grit Chamber → Equalization Tank / Biochemical Tank / MBR → Pump → Clean Water Tank / Disinfection → Reuse

Application Areas:

Municipal reclaimed water, industrial park reclaimed water



Miyun District Urban Management Committee, Beijing
(Reclaimed and Wastewater Treatment Project)

Capacity: 100 t/h + 35 t/h + 2 × 12 t/h
Process: Ultrafiltration + Reverse Osmosis



Yanggu Senquan Water Plant Co., Ltd.
– Wetland Reclaimed Water Reuse Project

Capacity: 20,000 t/d
Process: Ultrafiltration + Reverse Osmosis



Ningdong Base – Nanhu Reclaimed
Water Treatment

Capacity: 38,400 t/d
Process: Ozone Oxidation + Chemical Softening & Sedimentation + V-shaped Filter + Ultrafiltration + Reverse Osmosis



Qinghai Kunlun Gold Refinery
– Reclaimed Water Reuse Project

Capacity: 8,000 t/d
Process: V-shaped Filter + Ultrafiltration + Reverse Osmosis



Panjin Solid Waste Comprehensive
Treatment Park – Reclaimed Water
System Project

Capacity: 6,240 t/d
Process: PCF + Ultrafiltration + Reverse Osmosis

BUSINESS AREA WATER TREATMENT ENGINEERING

◎ Water Treatment Engineering



Selected Project Cases
Alar, 11th Regiment of the 1st
Division, Xinjiang

Brackish Water Desalination Project

Capacity: 10,000 t/d
Process: High-Density Settling Tank + V-shaped Filter + Mechanical Filtration + High-Pressure Reverse Osmosis



Mozambique Seawater Desalination Project

Capacity: 1,000 t/d
Process: Ultrafiltration + Reverse Osmosis

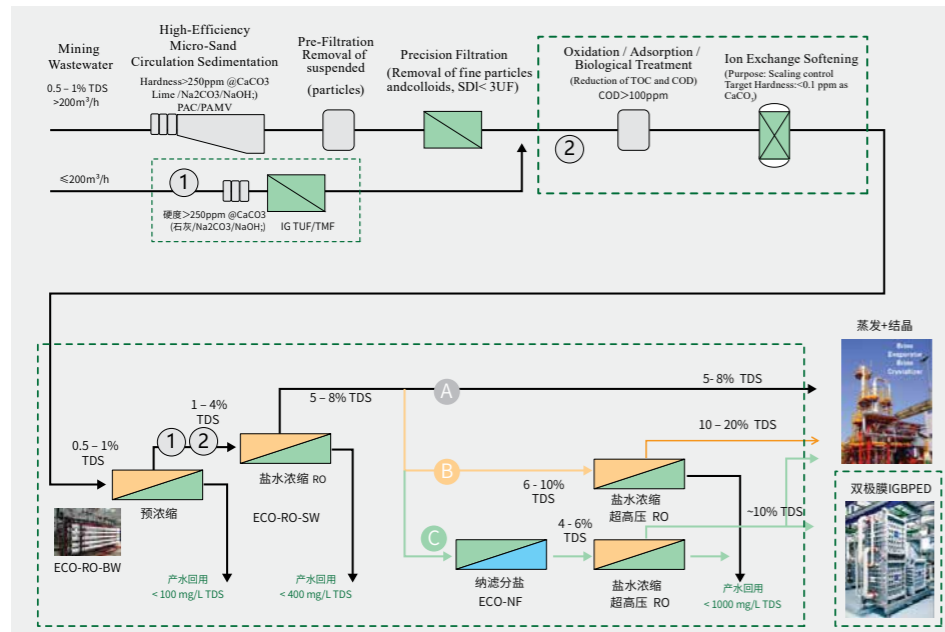


Peru Seawater Desalination Project

Capacity: 1,000 t/d
Process: Water Intake System + Oil Removal + Filtration + Seawater RO Membrane System

BUSINESS AREA WATER TREATMENT ENGINEERING

① Mine Water Treatment



CORE TECHNOLOGIES

- IG-TUF/TMF Direct Filtration Technology
- ECO Series Membrane Separation Technology
- IG-BPED Mixed Salt Resource Recovery Technology
- High-Speed Settling with Micro-Sand Circulation Technology

Case Study: A Coal Mine of Shendong Group Mine Water Treatment Plant Renovation and Expansion Project

Before Renovation

- Design Capacity: Q = 400 m³/h
- Actual Operating Capacity: Q = 200 m³/h
- Process: Inclined Tube Sedimentation + Fiber Ball Filtration



After Renovation

- Capacity: Q = 800 m³/h
- Daily Treatment Volume: 16,000 m³/d
- Process: Dense Media Rapid Settling + Disc Filtration

Effluent Quality

Inlet SS: 500-2950 mg/L
 Outlet SS: 15 mg/L
 Outlet COD: 20 mg/L
 Turbidity: 3 NTU

BUSINESS AREA WATER TREATMENT ENGINEERING

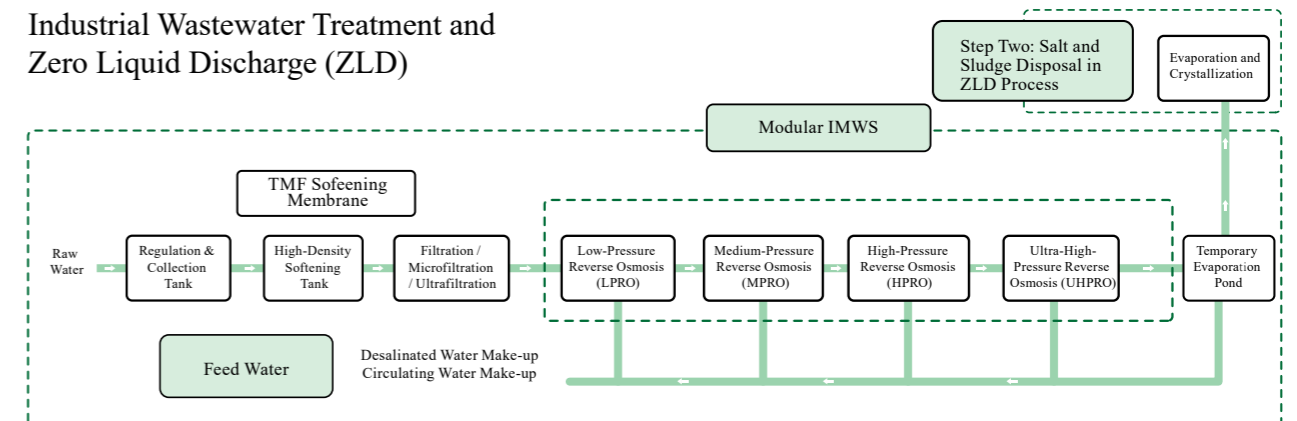
① Mine Water Treatment



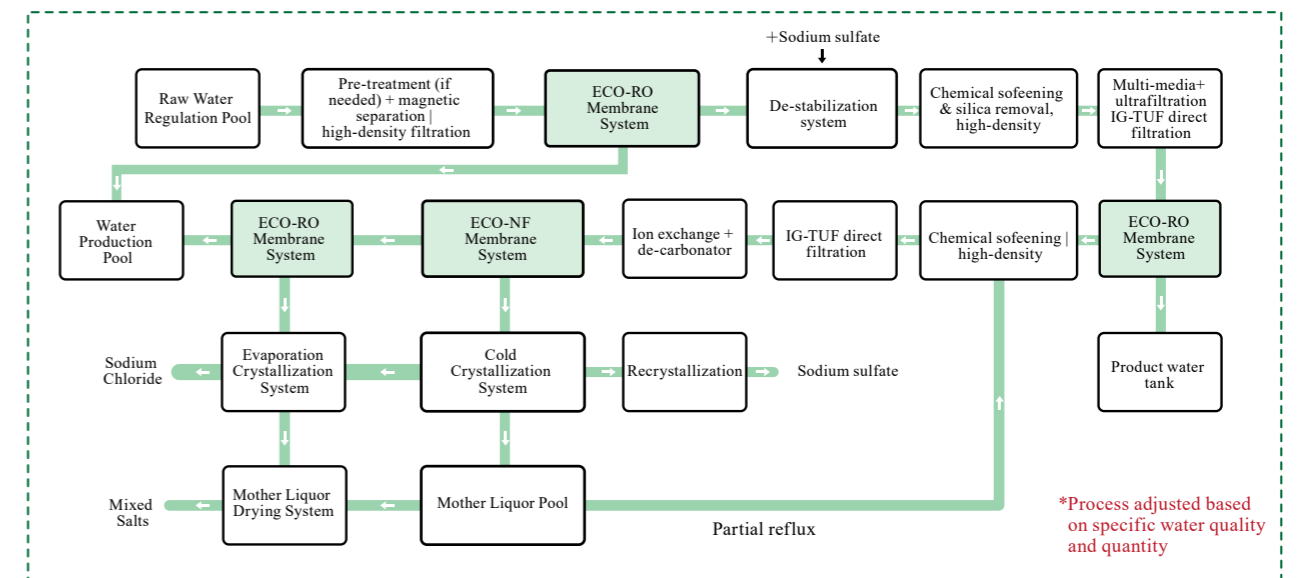
Water Quality Characteristics:

High-salinity industrial wastewater contains a variety of substances, including salts, oils, organic matter, heavy metals, and radioactive materials. Common salts include NaCl, Na₂SO₄, and CaSO₄. Due to the varying sources of such wastewater, it typically contains a wide range of organic and salt compounds with diverse chemical properties. Therefore, appropriate treatment processes must be selected based on the specific characteristics of the wastewater.

Industrial Wastewater Treatment and Zero Liquid Discharge (ZLD)



Zero Liquid Discharge (ZLD) of Coal Chemical Wastewater



SELECTED PROJECT CASES



Household Waste Harmless Treatment and Incineration Wastewater Treatment, Huyi District, Xi'an

Capacity: 1000 t/d
Process: Flocculation & Sedimentation + Multi-Media Filter + Ultrafiltration + Reverse Osmosis + DTRO



Industrial Wastewater Advanced Treatment for Shendong Dianta 660MW Unit

System: Industrial Wastewater Advanced Treatment System
Capacity: 130 t/h
Process: Ultrafiltration + Reverse Osmosis



Phase II Project of Xiamen Eastern Waste Incineration Power Plant

Production Wastewater Reuse Treatment System
Capacity: 2×30 t/h
Process: Mechanically Accelerated Clarifier + Multi-Media Filter + Ultrafiltration + Reverse Osmosis



China Shipbuilding Industry Corporation Urat Middle Banner Solar Thermal Power Project

Zero Liquid Discharge Wastewater Treatment System
Capacity: 10 t/h
Process: Chemical Softening + TMF + Single-Stage Reverse Osmosis + Brine RO



Shenhua Shendong Electric Power Co., Ltd.

Urat Middle Banner Thermal Power Plant
Capacity: 30 t/h
Process: Lime Softening + Multi-Media Filter + Ultrafiltration + Mixed-Bed + Cation Bed + First-Stage Reverse Osmosis + Second-Stage Reverse Osmosis

Partial Cooperation Projects

Industrial Water Supply Treatment			
Abroad、Green Hydrogen Industry			
No.	Project Name	Project Nature	Remarks
1	China Tianchen Engineering Corporation EuroChem Chemical Complex Project -SAP Project Demineralized and Industrial Water Station and sand filter	Multimedia Filter+Activated Carbon Filter+Double-stage RO+EDI	Conductivity≤0.2μs/cm(25°C), SiO ₂ ≤20ug/L, Total Hardness≈0Hardness≈0
2	SEPCOIII Electric Power Construction Co., Ltd. Uzbekistan Surkhandarya 1600MW Combined Cycle Natural Gas-fired (CCGT) Power Plant Water Treatment Equipment	Flocculation Inclined Plate Sedimentation Tank+Multimedia Filter+Activated Carbon Filter+Ultrafiltration+Double-stage RO+EDI	Conductivity≤0.08μs/cm(25°C), SiO ₂ ≤10ug/L, Total Hardness≈0
3	China Chemical Engineering Sixth Construction Co., Ltd.PT.SU-LAWESI NICKEL COBALT 3×1,000,000 Tons Sulfur-based Sulfuric Acid Plant EPC Project - Chemical Water System	Multimedia Filter+Ultrafiltration+Single-stage RO+Mixed Bed	Conductivity<0.2μs/cm(25°C), SiO ₂ <0.02mg/L, Oil<1mg/L
4	SEPCOIII Electric Power Construction Co., Ltd. Qatar Peaking Units ProjectWater Treatment Plant & Wastewater Treatment Plant	Multimedia Filter+Activated Carbon Filter+Ultrafiltration+Double-stage RO+EDI	Conductivity≤0.5μs/cm(25°C)
5	ACRE Coking & Refractory Engineering Consulting Corporation (Dalian),MGC Russia KS-TECH Coking Project - Deionized Water Station Complete Equipment	Multimedia Filter+Single-stage RO+EDI	Hydrogen Conductivity≤0.3μs/cm(25°C), SiO ₂ ≤20ug/L, Total Hardness≤2μmol/L
6	Wuxi Longi Hydrogen Energy Technology Co., Ltd. Pure Water Unit	Multimedia Filter+Activated Carbon Filter+Double-stage RO+EDI	Conductivity≤0.1μs/cm(25°C) SiO ₂ ≤10ug/L, Total Hardness≈0
7	Jinfeng Green Energy Chemical (Xing'an League) Co., Ltd. Green Hydrogen to 500,000 Tons Green Methanol Project (Phase I: 250,000 Tons)	Multimedia Filter+Ultrafiltration+Double-stage RO+EDI	Conductivity<0.1μs/cm(25°C)pH8.8-9.3(25°C), SiO ₂ <10ug/L
8	China Energy Construction Songyuan Hydrogen Energy Industrial Park (Green Hydrogen-Ammonia-Alcohol Integration) EPC Project - Demineralized Water Preparation System Equipment	Multimedia Filter+Ultrafiltration+Double-stage RO+EDI	Conductivity≤0.2μs/cm(25°C) SiO ₂ ≤20ug/L, Total Hardness≈0
9	Sinopec Guangzhou Engineering Co., Ltd. Green Hydrogen Demonstration Project Material Procurement	Fiber Filter+Ultrafiltration+Double-stage RO+EDI	Resistivity≥0.1MΩ·cm, SiO ₂ ≤20ug/L
10	North Huajin United Petrochemical Co., Ltd. Fine Chemicals and Raw Materials Project - Condensate Water Station Complete Equipment	Utility Engineering Area: Primary Filter+Secondary Filter+Activated Carbon Filter+Prepositive Cation Bed+Mixed Bed	Hydrogen Conductivity≤0.2μs/cm(25°C),SiO ₂ ≤20ug/L, Total Hardness≈0μmol/L, TOC≤0.3mg/L
11	Power China Guizhou Electric Power Design Institute - Cogeneration and Supporting Projects in the Core Area of Kaiyang Industrial Park, Guiyang City, Guizhou Province	Ultrafiltration+Double-stage RO+EDI	Conductivity (25°C) : ≤0.1 us/cm, Total Hardness≈0
12	Power China Guizhou Electric Power Design Institute - Cogeneration and Supporting Projects in the Core Area of Xifeng Industrial Park, Guiyang City, Guizhou Province	Ultrafiltration + Two-stage RO +EDI	Conductivity (25°C) : ≤0.1 us/cm, Total Hardness≈0
13	Xinjiang 6 Million Tons/Year Low-Rank Coal Clean and Efficient Comprehensive Utilization Project - Water Treatment Workshop EPC General Contracting Project	Multimedia Filter+Ultrafiltration+Double-stage RO+EDI	Conductivity≤0.2μs/cm(25°C) SiO ₂ ≤20ug/L, Total Hardness≈0
14	CITIC Construction Co., Ltd. Shandong Branch Yellow River Strategy Jinan International Eco-Port PPP Project - Comprehensive Sewage Treatment Plant Project	First-stage RO+Tubular Softening System + Activated Carbon Filter+Weak Acid Cation Bed+Concentrated Water RO+High-pressure RO	First-stage RO desalination rate ≥ 97%; Concentrated water RO desalination rate ≥ 97%
15	Xinjiang Huineng Coal Clean and Efficient Utilization Co., Ltd. Demineralized Water Station Complete Equipment	Self-cleaning Filter+Ultrafiltration+First-stage RO+Second-stage RO+EDI	Conductivity≤0.2μs/cm(25°C); SiO ₂ ≤0.02mg/L; (CaCO ₃)Total Hardness≈0μmol/L; Oil≤0.3mg/L
16	Zibo Ruiyang Thermal Co., Ltd. Phoenix Town Industrial Central Development Zone Heating Phase III Project - 3×150T/h All-Membrane Demineralized Water Station EPC General Contracting Project	Multimedia Filter+Self-cleaning Filter+Ultrafiltration+First-stage RO +Second-stage RO+EDI	Conductivity<0.1μs/cm(25°C); SiO ₂ <10ug/L; Total Hardness≈0 umol/L

Partial Cooperation Projects

Industrial Water Supply Treatment			
Power Industry			
No.	Project Name	Project Nature	Remarks
1	Tianjin Huadian Nanjing Thermal Power Co., Ltd. Phase II 900MW Gas Turbine Project Boiler Make-up Water and Heating Network Supplementary Water Treatment	Self-cleaning + Ultrafiltration + Two-stage RO + EDI	Resistivity ≥ 5 M Ω -cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
2	Shenhua Guoneng Group Co., Ltd. Yili Coal Power Co., Ltd. CHP Project Boiler Make-up Water System	Self-cleaning + Ultrafiltration + RO + Cation Bed + Decarbonator + Anion Bed + Mixed Bed	Resistivity ≥ 5 M Ω -cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
3	Huaneng Yushen Thermal Power Co., Ltd. CHP Makeup Water	Self-cleaning + Ultrafiltration + Two-stage RO + EDI	Resistivity ≥ 10 M Ω -cm, SiO ₂ ≤ 10 μ g/L, Total Hardness ≈ 0
4	Rongcheng Haoyang Clean Energy Co., Ltd. Natural Gas CHP Project Boiler Make-up Water + Condensate Treatment	Multimedia + Ultrafiltration + Two-stage RO + EDI	Resistivity ≥ 5 M Ω -cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
5	Heilongjiang Yipin Biotechnology Co., Ltd. CHP Project Chemical Make-up Water + Chemical Dosing System for Circulating Water + Steam-Water Sampling System	Manganese Sand Filtration + Ultrafiltration + Two-stage RO + Mixed Bed	Resistivity ≥ 5 M Ω -cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
6	Shenhua Shendong Power Co., Ltd. Dianta Power Plant 2x660MW Industrial Wastewater Advanced Treatment and Water Pretreatment Desalination System Expansion	Filter + Ultrafiltration + Two-stage RO	Resistivity ≥ 5 M Ω -cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
7	Yihai Kerry (Fuyu) Energy Co., Ltd. CHP Plant Phase I Boiler Make-up Water Treatment EPC Project	Ultrafiltration + Two-stage RO + EDI	Resistivity ≥ 5 M Ω -cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
8	China Energy Construction Group Jidong Coal Power Demonstration Base CHP Project Chemical Water System	Multimedia + Disc Filter + Ultrafiltration + Two-stage RO + EDI	Resistivity ≥ 5 M Ω -cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
9	Weifang Binheng Thermal Power Co., Ltd. Boiler Make-up Water Treatment System	Filter + Ultrafiltration + Two-stage RO + Mixed Bed	Resistivity ≥ 5 M Ω -cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
10	Linhuo Zhongli Power Co., Ltd. Water System Renovation EPC Project	Ultrafiltration + Two-stage RO + Mixed Bed	Conductivity ≤ 0.2 μ S/cm, SiO ₂ < 20 μ g/L, Total Hardness ≈ 0
11	Inner Mongolia Mengjia Biotechnology Co., Ltd. 600,000 t/a Fuel Ethanol Supporting Back-pressure Unit CHP	Ultrafiltration + Two-stage RO + EDI	Conductivity ≤ 0.15 μ S/cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
12	Beijing Environmental Engineering Technology Co., Ltd. Fangshan Circular Economy Industrial Park - MSW Incineration Desalinated Water	Ultrafiltration + Two-stage RO + EDI	Conductivity ≤ 0.15 μ S/cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
13	Beijing Environmental Engineering Technology Co., Ltd. Harbin Circular Economy Industrial Park - MSW Incineration Desalinated Water	Ultrafiltration + Two-stage RO + EDI	Conductivity ≤ 0.15 μ S/cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
14	Wuxi Nengda Thermal Power Co., Ltd. Chemical Water System Expansion and Renovation Project	Integrated Purifier + Ultrafiltration + Activated Carbon + RO + Mixed Bed	Conductivity ≤ 0.15 μ S/cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
15	Guangdong Evergreen (Group) Mancheng Thermal Power Co., Ltd. CHP Project Chemical Water and Condensate Polishing Unit	Multimedia + Ultrafiltration + Two-stage RO + EDI	Conductivity ≤ 0.15 μ S/cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
16	Guangdong Evergreen (Group) Lixian Thermal Power Co., Ltd. Boiler Make-up Water Treatment System	Multimedia + Ultrafiltration + Two-stage RO + EDI	Conductivity ≤ 0.15 μ S/cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0

17	Rongcheng Haoyang Thermal Power Co., Ltd. Shidao District CHP PPP Project	Multimedia + Ultrafiltration + Reverse Osmosis + Mixed Bed	Resistivity ≥ 5 M Ω -cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
18	Junan Liyuan Thermal Power Co., Ltd. CHP Project	Activated Carbon + Ultrafiltration + Reverse Osmosis + Cation Bed + Decarbonator + Anion Bed + Mixed Bed	Resistivity ≥ 5 M Ω -cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
19	Shanxi Coking Coal Xishan Coal Electricity Gujiao Thermal Power Plant Phase III (2x660MW)	PCF Filter + Ultrafiltration + Double-stage Reverse Osmosis + EDI	Resistivity ≥ 5 M Ω -cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
20	Liaoyang Guocheng Thermal Power Co., Ltd. (2x50MW) Back Pressure Unit	Oil Removal + Self-cleaning Filter + Disc Filter + Ultrafiltration + Reverse Osmosis + Decarbonator + Cation Bed + Anion Bed + Mixed Bed	Resistivity ≥ 5 M Ω -cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
21	Tianjin Guohua Panshan Power Co., Ltd. (2x550MW)	Multimedia + Activated Carbon + Reverse Osmosis + Decarbonator + Cation Bed + Anion Bed + Mixed Bed	Resistivity ≥ 5 M Ω -cm; SiO ₂ ≤ 20 μ g/L; Total Hardness ≤ 0.03 mmol/L
22	CITIC Environmental Protection Qingyuan Centralized Heating Project	Multimedia + Ultrafiltration + Single-stage Reverse Osmosis + Mixed Bed	Resistivity ≥ 5 M Ω -cm, SiO ₂ ≤ 20 μ g/L, Total Hardness ≈ 0
23	Xin Yuan Thermal Power Co., Ltd. Xin Hai Industrial Park Heating Project	Ultrafiltration + Double-stage Reverse Osmosis + EDI	SiO ₂ ≤ 20 μ g/L; Total Hardness ≤ 0.03 mmol/L; Conductivity ≤ 100 μ S/cm
24	Bohai Shipyard Group Co., Ltd. No. 3 Boiler House Salt Water Treatment	Ultrafiltration + Double-stage Reverse Osmosis + EDI	Conductivity ≤ 0.2 μ S/cm (25°C); SiO ₂ ≤ 20 μ g/L; Total Hardness ≈ 0
25	Shanying Thermal Power (Jilin) Co., Ltd. Biomass Demineralized Water	Ultrafiltration + Double-stage Reverse Osmosis + EDI	Hydrogen Conductivity < 0.2 μ S/cm (25°C); SiO ₂ ≤ 20 μ g/L; Total Hardness ≈ 0
26	CECEP (Beijing) Environmental Protection Project - Xi'an Huyi District Waste Incineration	Multimedia + Activated Carbon + Double-stage Reverse Osmosis + EDI	Resistivity ≥ 5 M Ω -cm; SiO ₂ ≤ 20 μ g/L; Total Hardness ≈ 0
27	Xinyu Iron & Steel Co., Ltd. Efficient Power Generation Project	Activated Carbon Filter + Ultrafiltration + Double-stage Reverse Osmosis + EDI	Conductivity ≤ 0.2 μ S/cm (25°C); SiO ₂ ≤ 20 μ g/L; Total Hardness ≈ 0
28	Shandong Xianghai Titanium Resources Technology Co., Ltd. 2*70m ³ /h Desalination System	Multimedia + Ultrafiltration + Double-stage Reverse Osmosis	Conductivity ≤ 10 μ S/cm
29	SPIC Anhui Woyang Domestic Waste Incineration Power Generation Project	Multimedia Filter + Ultrafiltration + Double-stage Reverse Osmosis + EDI	Conductivity ≤ 0.2 μ S/cm; SiO ₂ < 20 μ g/L; Total Hardness ≈ 0
30	Yihai Kerry (Zhoukou) Biotechnology Co., Ltd. Phase I Power Plant Demineralized Water System	Ultrafiltration + Double-stage Reverse Osmosis + EDI	Conductivity ≤ 0.2 μ S/cm; SiO ₂ ≤ 20 μ g/L
Petrochemical, Metallurgy, and Coking Industries			
31	Linyi Iron and Steel Investment Group Stainless Steel Co., Ltd. 1.1 Million Tons/Year Coking Project	Ultrafiltration + Double-stage RO + EDI	Hydrogen Conductivity ≤ 3 μ S/cm (25°C); Total Hardness ≈ 0
32	Xuzhou Longxingtai Energy Technology Co., Ltd. 2.6 Million Tons/Year Coking, 300,000 Tons Methanol, 100,000 Tons Ammonia Demineralized Water	Ultrafiltration + Double-stage RO + EDI	Hydrogen Conductivity < 0.3 μ S/cm (25°C); SiO ₂ ≤ 20 μ g/L; Total Hardness ≈ 0
33	Yankuang Lunan Chemical Co., Ltd. 300,000 t/a Caprolactam Utilities & Auxiliary Facilities Demineralized Water Station	Fiber Filter + Ultrafiltration + Double-stage RO + EDI	Conductivity < 0.2 μ S/cm (25°C); SiO ₂ < 20 μ g/L; Total Hardness 0

34	Henan Liyuan New Energy Technology Co., Ltd. 1.28 Million Tons/year Coking Upgrading and Coal Gas Comprehensive Utilization Project	Ultrafiltration + Double-stage RO + EDI Ultrafiltration + Double-stage RO + EDI	Resistivity $\leq 0.2 \mu\text{S/cm}$ (25°C); SiO ₂ $\leq 20 \mu\text{g/L}$; Total Hardness ≈ 0
35	Tangshan Tian Shun Coal Coking Chemical Co., Ltd. 2.48 Million Tons/year Integrated Steel and Coking Relocation Project Desalination Water Station	Multimedia Filter + Ultrafiltration + First-stage RO + Second-stage RO + EDI	Resistivity $\geq 5 \text{ M}\Omega\cdot\text{cm}$; SiO ₂ $\leq 15 \mu\text{g/L}$; Total Hardness $\leq 450 \text{ mg/L}$
36	MCC Jingcheng Engineering Technology Co., Ltd. Special National Steel SHADEGAN Electric Furnace Steelmaking Continuous Casting Project Industrial New Water Preparation System	Multimedia + Reverse Osmosis	Desalination Rate $> 98\%$
37	Hebei Xinxing Energy Technology Co., Ltd. 1.94 Million Tons Coking Project 65MW Coal Gas Power Generation Equipment Supply Desalination Water Station	Ultrafiltration + Double-stage RO + EDI	Hydrogen Conductivity: $< 0.2 \text{ uS/cm}$ (25°C); SiO ₂ $\leq 20 \mu\text{g/L}$; Total Hardness ≈ 0
38	Ansteel Group Engineering Technology Co., Ltd. Energy Control Center Beidagou Sewage Treatment System Project	V-type Filter + Ultrafiltration + Reverse Osmosis	Conductivity $\leq 100 \mu\text{S/cm}$; Hardness $\leq 10 \text{ mg/L}$; Turbidity $\leq 1 \text{ NTU}$
39	Lingyuan Steel Group Co., Ltd. Sewage Deep Treatment Old Area Desalination System	Pretreatment + Ultrafiltration + Reverse Osmosis	Conductivity $\leq 100 \mu\text{S/cm}$; Hardness $\leq 10 \text{ mg/L}$; Turbidity $\leq 1 \text{ NTU}$
40	Fushun New Steel Co., Ltd. New Steel Residual Heat Recovery and Comprehensive Utilization Project Water Treatment Retrofit	Reverse Osmosis + EDI	Resistivity $\geq 5 \text{ M}\Omega\cdot\text{cm}$; SiO ₂ $\leq 20 \mu\text{g/L}$; Total Hardness $= 0$
41	Anhui Quansheng chemical Co., Ltd. 320,000 Tons/year Ammonia and Methanol Plant Raw Material and Power Structure Adjustment Project Water Supply System	Raw Water Pretreatment (Non-membrane)	Resistivity $\geq 5 \text{ M}\Omega\cdot\text{cm}$; SiO ₂ $\leq 20 \mu\text{g/L}$; Total Hardness $= 0$
42	Dongming Zhongxin Guoan Ruihua New Materials Co., Ltd. Desalination Water Station System and Equipment	Multimedia + Ultrafiltration + Reverse Osmosis + Mixed Bed	Resistivity $\geq 5 \text{ M}\Omega\cdot\text{cm}$; SiO ₂ $\leq 20 \mu\text{g/L}$; Total Hardness $= 0$
43	Hainan Huasheng New Materials Technology Co., Ltd. Side Filter + Desalination Water Treatment System	Quartz Sand Filter + Activated Carbon Filter + Tube-type Microfiltration	Resistivity $\geq 5 \text{ M}\Omega\cdot\text{cm}$; SiO ₂ $\leq 20 \mu\text{g/L}$; Total Hardness $= 0$
44	Jiangxi Province Rock Salt Resource Comprehensive Utilization 1 Million Tons/year Soda Ash Project	Multimedia + Ultrafiltration + Single-stage Reverse Osmosis + Mixed Bed	Resistivity $\geq 5 \text{ M}\Omega\cdot\text{cm}$; SiO ₂ $\leq 20 \mu\text{g/L}$; Total Hardness $= 0$
45	Ordos Hanbo Technology Co., Ltd. Tail Gas Comprehensive Utilization for 120,000 Tons/year Methanol Project Desalination Water	Multimedia + Ultrafiltration + Reverse Osmosis + Mixed Bed	Resistivity $\geq 5 \text{ M}\Omega\cdot\text{cm}$; SiO ₂ $\leq 20 \mu\text{g/L}$; Total Hardness $= 0$
46	Heilongjiang Zijin Copper Co., Ltd. chemical Water Treatment + Domestic Water Treatment + Production Water Treatment Equipment	Multimedia + Activated Carbon + Ultrafiltration + Double-stage Reverse Osmosis + EDI	Resistivity $\geq 5 \text{ M}\Omega\cdot\text{cm}$; SiO ₂ $\leq 20 \mu\text{g/L}$; Total Hardness $= 0$
47	Jiugang Yuzhong Steel co., Ltd. Dry Quenching and Waste Heat Power Generation Project Boiler Feed Water	Multimedia + Ultrafiltration + Reverse Osmosis + Decarbonator + Mixed Bed	Resistivity $\geq 5 \text{ M}\Omega\cdot\text{cm}$; SiO ₂ $\leq 20 \mu\text{g/L}$; Total Hardness $= 0$
48	Yunnan Guohong Chemical Co., Ltd.	Multimedia + Double-stage Reverse Osmosis + EDI	Resistivity $\geq 5 \text{ M}\Omega\cdot\text{cm}$; SiO ₂ $\leq 20 \mu\text{g/L}$; Total Hardness $= 0$
49	Shandong Shenda chemical Co., Ltd. 300,000 Tons/year Polypropylene Project Desalination Water Station	Multimedia + Activated Carbon + Reverse Osmosis + Decarbonator + Double-stage Mixed Bed + Concentrated Water Reverse Osmosis	Resistivity $\geq 5 \text{ M}\Omega\cdot\text{cm}$; SiO ₂ $\leq 20 \mu\text{g/L}$; Total Hardness $= 0$
50	Shenhua Group Mengxi Coal Chemical Co., Ltd	Multimedia + Activated Carbon + Concentrated Water Reverse Osmosis	Resistivity $\geq 5 \text{ M}\Omega\cdot\text{cm}$

51	Guohe (Beijing) Institute of Nuclear Technology Co., Ltd.	Ultrafiltration + Double-stage RO + EDI	Resistivity $\leq 1 \mu\text{S/cm}$
52	Zhejiang Xizi United Engineering Co., Ltd. Inner Mongolia Huaheng Energy Technology Co., Ltd. 3x220t/h + 2x20t Project	Desalination Water: Multimedia Filter + Ultrafiltration + Double-stage RO + EDI; Condensate Water: Iron Removal Filter + Mixed Bed	Conductivity $\leq 0.2 \mu\text{S/cm}$; SiO ₂ $\leq 20 \mu\text{g/L}$; pH: 9.2-9.6
53	Sinopec Guangzhou Engineering Co., Ltd. Green Hydrogen Demonstration Project Material Procurement	Ultrafiltration + First-stage RO + Second-stage RO + Electric Desalting Unit	Conductivity $\leq 0.1 \mu\text{S/cm}$; SiO ₂ $\leq 0.02 \text{ mg/L}$; pH ≥ 7
54	Daqing High-tech Zone Heilongjiang New Industry Investment Group Longjiang Chemical Co., Ltd. Polycarbonate Joint Project 350,000 Tons/year Phenol Acetone Engineering Desalination Water Unit	Desalination Water: Ultrafiltration + Double-stage RO + EDI	Conductivity $\leq 0.1 \mu\text{S/cm}$; SiO ₂ $\leq 10 \mu\text{g/L}$; pH: 9.2-9.6
55	Daqing High-tech Zone Heilongjiang New Industry Investment Group Longjiang Chemical Co., Ltd. Polycarbonate Joint Project 350,000 Tons/year Phenol Acetone Engineering Condensate Water Unit	Condensate Water: Oil Removal + Iron Removal Unit + Mixed Bed	Conductivity $\leq 0.2 \mu\text{S/cm}$; SiO ₂ $\leq 10 \mu\text{g/L}$; Hardness ≈ 0
56	Shandong Hengyuan Petrochemical Co., Ltd. Relocation and Park Entry Project Desalination Water Treatment Station EPC Project	Integrated Water Purifier + Multimedia Filter + Ultrafiltration + Double-stage RO + EDI	Conductivity $\leq 0.1 \mu\text{S/cm}$; SiO ₂ $\leq 10 \mu\text{g/L}$
57	China Petroleum & Natural Gas Corporation Jinzhou Petrochemical Branch Jinling Reservoir Water Source Pre-treatment Device Ultrafiltration Water Treatment Complete Set Equipment	Self-cleaning Filter + Ultrafiltration	SDI ≤ 2 ; Turbidity $\leq 0.1 \text{ NTU}$
58	Shanxi Tongzhou Coal Coking Group Centralized Heating Center Project Boiler Make-up Water Treatment	Multimedia + Ultrafiltration + Second-stage RO + EDI	Conductivity $\leq 0.2 \mu\text{S/cm}$; SiO ₂ < 20
59	Shahe Zhengkang Energy Co., Ltd. Chemical Water Treatment System and Supporting Equipment	Filtration + First-stage Desalination + Mixed Bed (H-D-0H-H/0H) Two-stage Ion Exchange Process	Conductivity $< 0.1 \mu\text{S/cm}$; SiO ₂ $< 10 \mu\text{g/L}$; Total Hardness ≈ 0
60	Beijing Shouhua Environmental Technology Co., Ltd. Nanchang Qianling Municipal Solid Waste Incineration Power Plant Expansion Project Chemical Water Treatment System Equipment Procurement	Ultrafiltration + Double-stage RO + EDI	Conductivity $< 0.2 \mu\text{S/cm}$ (25°C); SiO ₂ $< 15 \mu\text{g/L}$; Total Hardness ≈ 0
61	Beijing Shouhua Environmental Technology Co., Ltd. Jishou Municipal Solid Waste Incineration Power Project Chemical Water Treatment Equipment Procurement	Ultrafiltration + Double-stage RO + EDI	Conductivity $< 0.2 \mu\text{S/cm}$ (25°C); SiO ₂ $< 15 \mu\text{g/L}$; Total Hardness ≈ 0
62	Etokqi Jiayuan Coal Coking Co., Ltd. chemical Water Treatment System	PCF + UF + RO + Mixed Bed	Conductivity $< 0.2 \mu\text{S/cm}$; SiO ₂ $\leq 20 \mu\text{g/L}$; Total Hardness ≈ 0
63	Anyang Beiguan District Dyeing Demonstration Park Construction Project (Natural Gas Distributed Energy Station) Chemical Water Treatment System Project	Ultrafiltration + Double-stage RO + EDI	Conductivity $< 0.2 \mu\text{S/cm}$ (25°C); SiO ₂ $< 15 \mu\text{g/L}$; Total Hardness ≈ 0
64	Panjin Municipal Solid Waste Comprehensive Treatment Park - Municipal Solid Waste Incineration Power Plant Project Chemical Water Treatment System Equipment Procurement	Ultrafiltration + Double-stage RO + EDI	Conductivity $< 0.2 \mu\text{S/cm}$ (25°C); SiO ₂ $< 15 \mu\text{g/L}$; Total Hardness ≈ 0
65	Inner Mongolia Xinwei Yuan Biological Chemical Co., Ltd. Green Energy Saving Project Chemical Device Engineering Contract	Ultrafiltration + Double-stage RO + EDI	Conductivity $< 0.2 \mu\text{S/cm}$ (25°C); SiO ₂ $< 15 \mu\text{g/L}$; Total Hardness ≈ 0
66	Shanghai Baoshan Regeneration Energy Utilization Center Project Chemical Water Treatment System Equipment	Ultrafiltration + Double-stage RO + EDI	Conductivity $< 0.2 \mu\text{S/cm}$ (25°C); SiO ₂ $< 15 \mu\text{g/L}$; Total Hardness ≈ 0

67	Pangang Vanadium and Titanium Active Branch 100 MW Waste Heat and Energy Utilization Power Generation Boiler Makeup Water Treatment System	First-stage RO + Second-stage RO	Conductivity ≤ 10 μS/cm; SiO ₂ ≤ 100 μg/L
68	Jiangxi Copper Guoxing (Yantai) Relocation and New 180,000 Tons Cathode Copper Energy-saving and Emission Reduction Project Chemical Water Treatment	Filter + First-stage RO + Mixed Bed	Conductivity ≤ 0.2 μS/cm; SiO ₂ ≤ 20 μg/L; pH: 8.8-9.3

Reclaimed Water Reuse, Municipal Tap Water Treatment

1	Jiangxi Copper Guoxing (Yantai) Relocation and New 180,000 Tons Cathode Copper Energy-saving and Emission Reduction Project Chemical Water Treatment	Ozone Oxidation + Coagulation Sedimentation (Hardness Removal) + Filtration + Ultrafiltration + Reverse Osmosis	Turbidity (NTU) ≤ 5 NTU; Total Dissolved Solids ≤ 1000 mg/L
2	Yanggu Senquan Water Plant Ltd. 20,000 Tons/Day Wetland Regeneration Water Reuse Project	High-Density Sedimentation Tank + V-Type Filter + Ultrafiltration + Reverse Osmosis	Turbidity (NTU) ≤ 5 NTU; Total Dissolved Solids ≤ 1000 mg/L
3	Chaoyang City Tap Water Company Chaoyang Koubei Water Plant Water Quality Upgrading Emergency Project	Self-Cleaning + Ultrafiltration + Reverse Osmosis + Concentrated Water Reverse Osmosis	Water Quality: "GB5749-2006 Drinking Water Standards"
4	Xilinhote City Tap Water Plant, Inner Mongolia	Iron and Manganese Removal Filter + Self-Cleaning Filter + Nanofiltration + Concentrated Water Reverse Osmosis	Water Quality: "GB5749-2006 Drinking Water Standards"
5	Qingyang City Water Supply and Drainage Company, Gansu	Multimedia + Reverse Osmosis + Concentrated Water Reverse Osmosis	Water Quality: "GB5749-2006 Drinking Water Standards"
6	Zaozhuang City Tap Water Group, Shandong	Self-Cleaning Filter + Ultrafiltration Process	Water Quality: "GB5749-2006 Drinking Water Standards"
7	Chaoyang City Water Affairs Bureau, Liaoning	Coagulation Sedimentation + Self-Cleaning + Ultrafiltration Process	Water Quality: Urban Sewage Reuse - Urban Miscellaneous Water Quality
8	China Railway No. 2 Engineering Group Co., Ltd. Xiong'an Rongcheng Surface Water Plant Phase II Project	Pre-treatment Filter + Immersion Ultrafiltration	Product Water Quality: Drinking Water Sanitary Standards
9	Qizhuan Water Plant, Hainan	Self-Cleaning Filter + Ultrafiltration Process	Water Quality: "GB5749-2006 Drinking Water Standards"
10	China Railway No. 2 Engineering Group Co., Ltd. Xiong'an Rongcheng Surface Water Plant Phase II Project	Ultrafiltration + Reverse Osmosis	Product Water Quality: Desalination Rate > 97%
11	Yantai Fushan Tap Water Water Quality Upgrading Project	Ultrafiltration + Reverse Osmosis	Purpose: Tap Water Quality Upgrading
12	Panjin Solid Waste Comprehensive Treatment Park - Municipal Waste Incineration Power Generation Project Reclaimed Water System Equipment Procurement	Ultrafiltration + Single-Stage Reverse Osmosis + PCF Filter	Turbidity (NTU) ≤ 1 NTU; Total Dissolved Solids ≤ 1000 mg/L
13	Baotou Daan Steel Co., Ltd. Yellow River Water and Reclaimed Water Deep Treatment 400 T/H Desalination Water Project	Quartz Sand + Manganese Sand + Activated Carbon + Ultrafiltration + Reverse Osmosis	Turbidity (NTU) ≤ 5 NTU; Total Dissolved Solids ≤ 1000 mg/L
14	Chaoyang Circular Economy Industrial Park Management Center, Beijing Municipal Waste Incineration Power Generation Project Reclaimed Water	Multimedia + Activated Carbon + Sodium Chlorite	Product Water Quality: Resistivity > 5 MΩ·cm; SiO ₂ ≤ 20 μg/L; Total Hardness ≈ 0
15	Miyun District, Beijing Municipal Urban Management Committee	Ultrafiltration + Double-Stage Reverse Osmosis + EDI	Product Water Quality: Resistivity ≥ 5 MΩ·cm; SiO ₂ ≤ 20 μg/L; Total Hardness ≈ 0
16	China National Energy Conservation (Beijing) Environmental Protection Engineering Co., Ltd. Hengshui Ecological Circular Industry Park Municipal Waste Incineration Power Generation Project Reclaimed Water Treatment	Integrated Purification + Coagulation Sedimentation + Flocculant + Multimedia + Activated Carbon	Product Water Quality: Urban Sewage Reuse Industrial Water Quality

17	China Energy Conservation (Beijing) Energy Conservation and Environmental Protection Engineering Co., Ltd. Lai Shui Ecological Recycling Industrial Park Waste-to-Energy Project	Integrated Purification + Coagulation Sedimentation + Flocculation + Multimedia + Activated Carbon	Product Water Quality: Urban Sewage Reuse for Industrial Water Quality
18	Lianhong New Materials Co., Ltd. Water Treatment System Optimization Technical Renovation - Reclaimed Water Reuse Project (EPC)	Ultrafiltration + Reverse Osmosis	Product Water Quality: pH 6.5-9.0, Turbidity ≤ 4.0, CODCr ≤ 50
19	Beijing Huaming Guangyuan Environmental Technology Co., Ltd. Xinjiang Heshan Julihua Chemical Reclaimed Water Reuse	Air Floatation, Filtration, Ultrafiltration, Single-Stage Reverse Osmosis, Concentrated-Water Reverse Osmosis	Product Water Quality: pH 6.5-9.0, Turbidity ≤ 4.0, BOD ₅ ≤ 5, CODCr ≤ 50
20	Shandong Gold Group Kunlun Gold Smelting Plant Reclaimed Water Reuse Project	Air Floatation, Filtration, Ultrafiltration, Single-Stage Reverse Osmosis, Concentrated-Water Reverse Osmosis	Meets Reclaimed Water Reuse Standards

Mine Water Treatment

1	Shanxi Xingwu Coal Mine	Ultrafiltration + Reverse Osmosis	Product Water Quality: Conductivity ≤ 20 μS/cm
2	Shenhua Group Mengxi Coal and Coke Co. Ltd.	High Desalination Reverse Osmosis	Product Water Quality: Conductivity ≤ 20 μS/cm
3	Shaanxi Jianxin Coal Mine	Ultrafiltration + Reverse Osmosis	Product Water Quality: Conductivity ≤ 20 μS/cm
4	Inner Mongolia Yitai Group Hongjingta Mine	Mine Water Treatment	Product Water Quality: GB20426-2006
5	Shanxi Qian'an Coal Mine Equipment Co., Ltd.	Underground Ultrafiltration Mine Car	Product Water Quality: Ultrafiltration Effluent
6	Shanxi Yuncheng Yuanhai Coal Chemical Co., Ltd.	Double-Stage Reverse Osmosis	Product Water Quality: Conductivity ≤ 5 μS/cm
7	Shanxi Jiao Coal (Group) Xishan Coal & Electricity	Underground Softened Water	Product Water Quality: Underground Equipment Water Standard
8	Shanxi Coal Import and Export Group Holsing Coal Mine	Iron and Manganese Removal Equipment + Ozone Disinfection	Product Water Quality: Drinking Water Sanitation Standard GB5749-2006
9	Shanxi Yitang Coal Industry Co., Ltd. Mine Wastewater Reuse	Multimedia + Activated Carbon + Ultrafiltration + Reverse Osmosis + Double-Stage Reverse Osmosis + Sodium Ion Exchanger	Product Water Quality: Drinking Water Sanitation Standard (GB5749-2006), Industrial Boiler Water Quality (GB/T1576-2008)

Seawater and Brackish Water Desalination

1	Yili Aral Ecological Technology Co., Ltd	Multimedia + High-Pressure Reverse Osmosis	Product Water Quality: Conductivity ≤ 200 μS/cm
2	Lake Palmer Peru	Disc Filter + Ultrafiltration + Reverse Osmosis	Product Water Quality: U.S. Drinking Water Quality Standards
3	Ningxia Ningdong Base Nanhu Water Plant	Ozone Oxidation + Coagulation + Filtration (Hardness Removal) + Ultrafiltration + Reverse Osmosis	Product Water Quality: Turbidity (NTU) ≤ 5 NTU, Total Dissolved Solids ≤ 1000 mg/L
	Vale Mozambique (Vale)	Pre-treatment + Ultrafiltration + Reverse Osmosis	Product Water Quality: Drinking Water Quality Standards
4	Tianjin Songjiang Ecological	Pre-treatment + Reverse Osmosis + Constant Pressure Water Supply	Product Water Quality: Drinking Water Quality Standards
5	Shenhua Group Mengxi Coal & Coke (Qipan Well)	Pre-treatment + Reverse Osmosis	Product Water Quality: Drinking Water Quality Standards
6	Yili Aral Ecological Technology Co., Ltd.	Multimedia + High-Pressure Reverse Osmosis	Product Water Quality: Conductivity ≤ 200 μS/cm

Industrial Wastewater and Zero Discharge			
1	Shenhua Shendong Power Co., Ltd. Dianta PowerPlant 660MW Unit industrial Wastewater DeepTreatment	Pre-treatment +Ultrafiltration + ReverseOsmosis	Water Quality for Auxiliary Cooling TowerReplenishment
2	Beijing Beikong Environmental EngineeringTechnology Co., Ltd. Shaanxi Xixian ProjectIndustrial Wastewater Treatment System	Lime Softening + Multi-media + Activated Carbon +Ultrafiltration + ReverseOsmosis	Water Quality for Auxiliary Cooling TowerReplenishment
3	China National Energy Conservation (Beijing)Environmental Engineering Co., Ltd. Xi'an HuyiDistrict Production Wastewater	High-efficiency + QuartzSand Filtration +Ultrafiltration + ReverseOsmosis + DTRO	Water Quality for Auxiliary Cooling TowerReplenishment
4	Xi'an Huyi District Municipal Solid Waste HarmlessTreatment Incineration Industrial WaterPurification System	Integrated + Quartz SandFiltration + Reverse Osmosis	Water Quality for Auxiliary Cooling TowerReplenishment
5	China Shipbuilding Industry Corporation WulateqiSolar Thermal Power Project Wastewater ZeroDischarge Treatment System	Tubular MicrofiltrationMembrane + ReverseOsmosis	Water Quality for Auxiliary Cooling TowerReplenishment
6	Xiamen Eastern Garbage Incineration Power PlantPhase II industrial Wastewater Reuse TreatmentSystem	Ceramic Ultrafiltration +Reverse Osmosis	Wastewater Standard Discharge
7	Rongcheng Natural Gas Cogeneration ProjectWastewater Treatment System	Ultrafiltration + ReverseOsmosis	Industrial Wastewater Standard Discharge

Partial Cooperation Partners



MARKETING AND COLLABORATION

Marketing Network



Beijing Headquarters: Building A, Zhonglin Real Estate Mansion, No. 28 South Third Ring West Road, Fengtai District, Beijing

Chaoyang Production and Manufacturing Center: Yinuo Environmental Industry Park, Beipiao Economic Development Zone, Chaoyang City, Liaoning Province

Shenyang Technology Center: Room 612, B Building, Qianyuan Fortune Chamber, No. 18 Xinghua North Street, Tiexi District, Shenyang City, Liaoning Province

Jinan Environmental Engineering Design Institute: Room 1303, B Building, Jiaheng Business Mansion, No. 1825 Hualong Road, Licheng District, Jinan City, Shandong Province

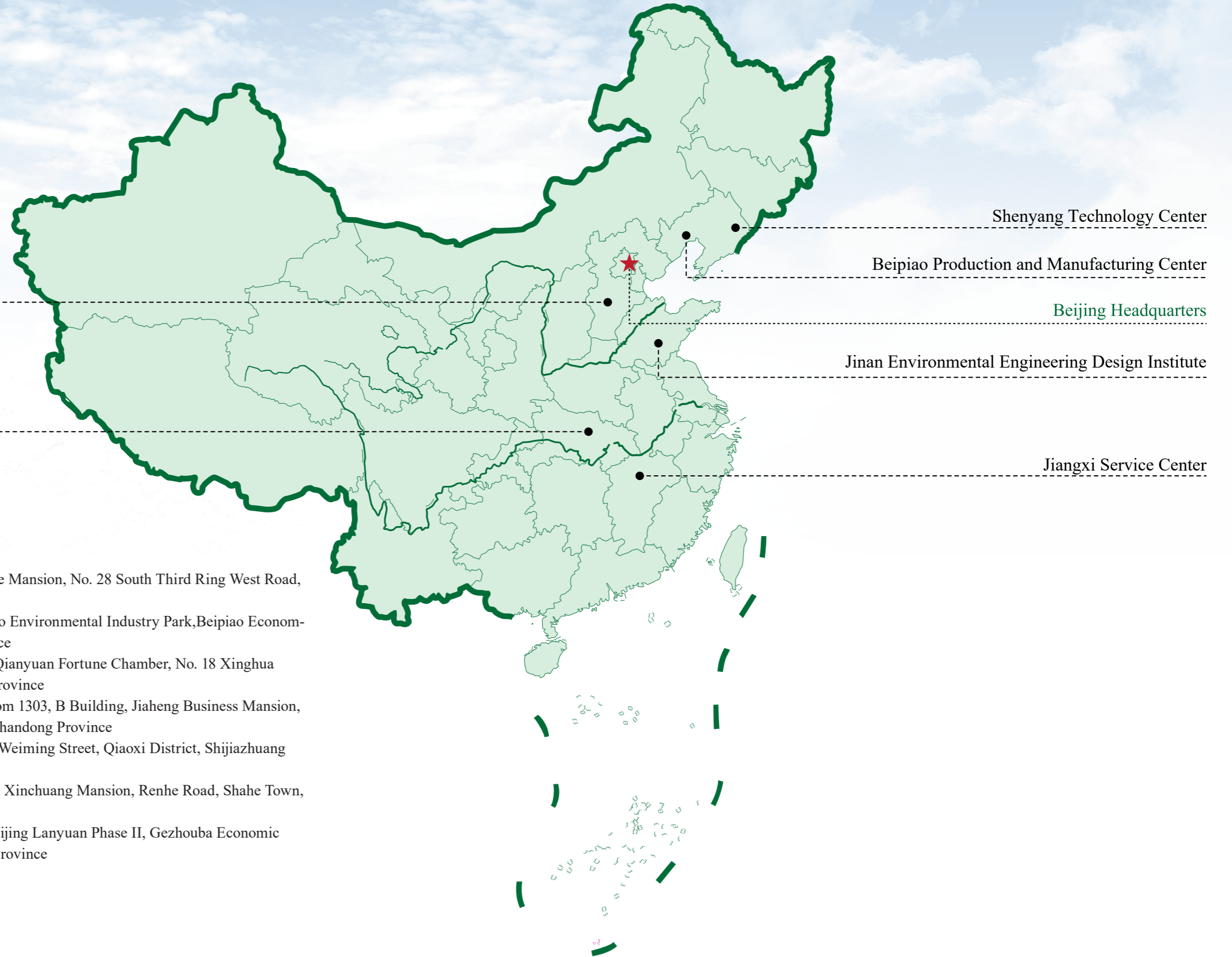
Hebei Service Center: No. 2511, Zhonghua City, South Weiming Street, Qiaoxi District, Shijiazhuang City

Jiangxi Service Center: Room 205, 2nd Floor, Ganzhou Xinchuang Mansion, Renhe Road, Shahe Town, Zhanggong District, Ganzhou City, Jiangxi Province

Hubei Service Center: No. 13, 26th Floor, Building 8, Zijing Lanyuan Phase II, Gezhouba Economic and Technological Development Zone, Wuhan, Hubei Province

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