



ALBE ADVANCE

www.albeadvance.com

INNOVATIVE ONE-STOP CENTRE
FOR WATER TREATMENT SOLUTIONS

OUR QUALIFICATIONS



Founded in 2000, ALBE ADVANCE GROUP is your leading one-stop center for comprehensive water treatment solutions. We are proudly ISO 14001 and ISO 9001 accredited, with over two decades of specialized experience.

We deliver cost-effective, sustainable, and tailored solutions, encompassing equipment, chemicals, system design, construction, and maintenance. Our team excels in crafting customized water treatment systems, spanning biological, chemical, and physical processes, all while meeting strict environmental and regulatory standards. Providing effective and efficient business solutions is our commitment.

WE SERVE A WIDE RANGE OF INDUSTRIES WITH OUR INNOVATIVE SOLUTIONS, INCLUDING:

**FOOD &
BEVERAGE**



POULTRY



PACKAGING



**PLASTIC
RECYCLING**



PALM OIL



**PETRO
CHEMICAL**



**OLEO
CHEMICAL**



PHARMACEUTICAL



AUTOMOTIVE



METAL & STEEL



ELECTROPLATING



ELECTRONIC



TEXTILE



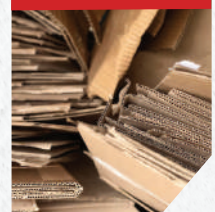
INK & PAINT



**RUBBER
& GLOVE**



PAPER & PULP



OUR VISION

Becoming the no.1 preferred industrial water treatment partner in Malaysia.

OUR MISSION

To protect our precious resources: clean water.



DIRECTOR'S MESSAGE

We believe there are ways to do it better, combining principles and innovation technologies, solving problems before no one else sees it.

Mr. Tan Han Huei
Managing Director

CORE VALUES



TEAMWORK



LEADERSHIP



INTEGRITY



RESPECT



INNOVATION



SUSTAINABLE DEVELOPMENT GOALS



Elevate your future with ALBE ADVANCE's SDG-focused water solutions. We go beyond mere compliance to make real positive global impacts. Our water treatment ensures safe water, supports sustainable infrastructure, and fosters innovation in water management. We minimize harm from industrial and agricultural practices, remove harmful and climate-altering substances to reduce environmental impact, protect aquatic ecosystems, and conserve freshwater through recycling.

Through strong collaborations among governments, the private sector, and communities, we further advance water-related Sustainable Development Goals through policy, knowledge sharing, and resource mobilization. With our services, we promote conscientious practices, protect resources, and encourage responsible production. Together, we build a more sustainable future. Pave the way for a brighter future – connect with us today!



WHAT WE PROVIDE

01 SERVICES

CONSULTATION

OPERATION

MAINTENANCE

Elevate your water treatment with our skilled engineers and advanced technologies, ensuring high-quality results that meet strict environmental standards. We offer comprehensive equipment support, staff training, and operational assistance across diverse industries. Empower yourself with our in-house experts, supported by on-site tests to identify optimal treatment solutions.

PROVIDED SERVICES

- Consultation
- Troubleshooting
- Lab Analysis
- Training
- Compliance Check & Recommendations
- Performance Monitoring Guidance
- DOE Liaison
- EPMC Liaison
- DOSH Liaison
- Application of Special Waste Management
- IETS Fitness Analysis
- 24/7 Support



NON ROUTINE SERVICE

ROUTINE SERVICE

START-UP SERVICE

02 CHEMICAL & BIOPRODUCT

We specialize in water treatment chemicals and formulations, conducting on-site lab tests to tailor solutions to your specific needs. Through innovation and collaboration with experts, we are committed to consistently providing clean and safe water for communities and environments.

APPLICATIONS FOR OUR FORMULATED SOLUTIONS

WASTEWATER

- Coagulant
- Flocculant
- Antifoam
- Enzymes & Bacteria Culture
- Heavy Metal Precipitant

REVERSE OSMOSIS WATER

- Antiscalant
- Acid Membrane Cleaner
- Alkaline Membrane Cleaner
- Microbiocide

RAW WATER

- Anionic Flocculant
- Cationic Flocculant
- Non-Ionic Flocculant
- Inorganic Coagulant
- Organic Coagulant
- Metal Remover

BOILER WATER

- Sludge Conditioning
- Alkalinity Builder
- Scale Inhibitor
- Corrosion Inhibitor
- Oxygen Scavenger
- Condensate Line Treatment
- Antifoam
- Silica Dispersant
- All-in-One Programs

COOLING WATER

- Corrosion Inhibitor
- Scale Inhibitor
- Scale & Corrosion Inhibitor
- Biodispersant
- Microbiocide
- Antifoam

ONCE-THROUGH COOLING WATER

- Microbiocide
- Macrobiocide
- Molluscicide
- Dispersant Cum Penetrant

PAINT SLUDGE

- Paint Detackifier
- Paint Flocculant

ION EXCHANGE RESIN

- Softening
- Demineralization
- Condensate Polishing
- Ultrapure Water Production
- Chelating Resin for Selective Ion Removal

WE OFFER VARIOUS CHEMICAL PROGRAMS DEPENDING ON YOUR NEEDS:

RM/m3 – Based On The Incoming Flow

Fixed Cost – For Monthly Chemical Consumption

Ala-Carte – Order Upon Request

And Many More!

03 PROJECT & DESIGN

ENGINEERING

PROCUREMENT

CONSTRUCTION

COMMISSIONING

Staying ahead in environmental regulations, we incorporate cutting-edge technology into our water treatment system projects and designs. We ensure that our designs adhere to design principles and remain top-of-the-game, delivering reliable, economical, and innovative water treatment solutions for each client.

DESIGN PRINCIPLES

- DOE Rules & Regulation Compliance
- Efficient Design
- Easy Operation & Maintenance
- Problem Anticipation
- Contingency Planning

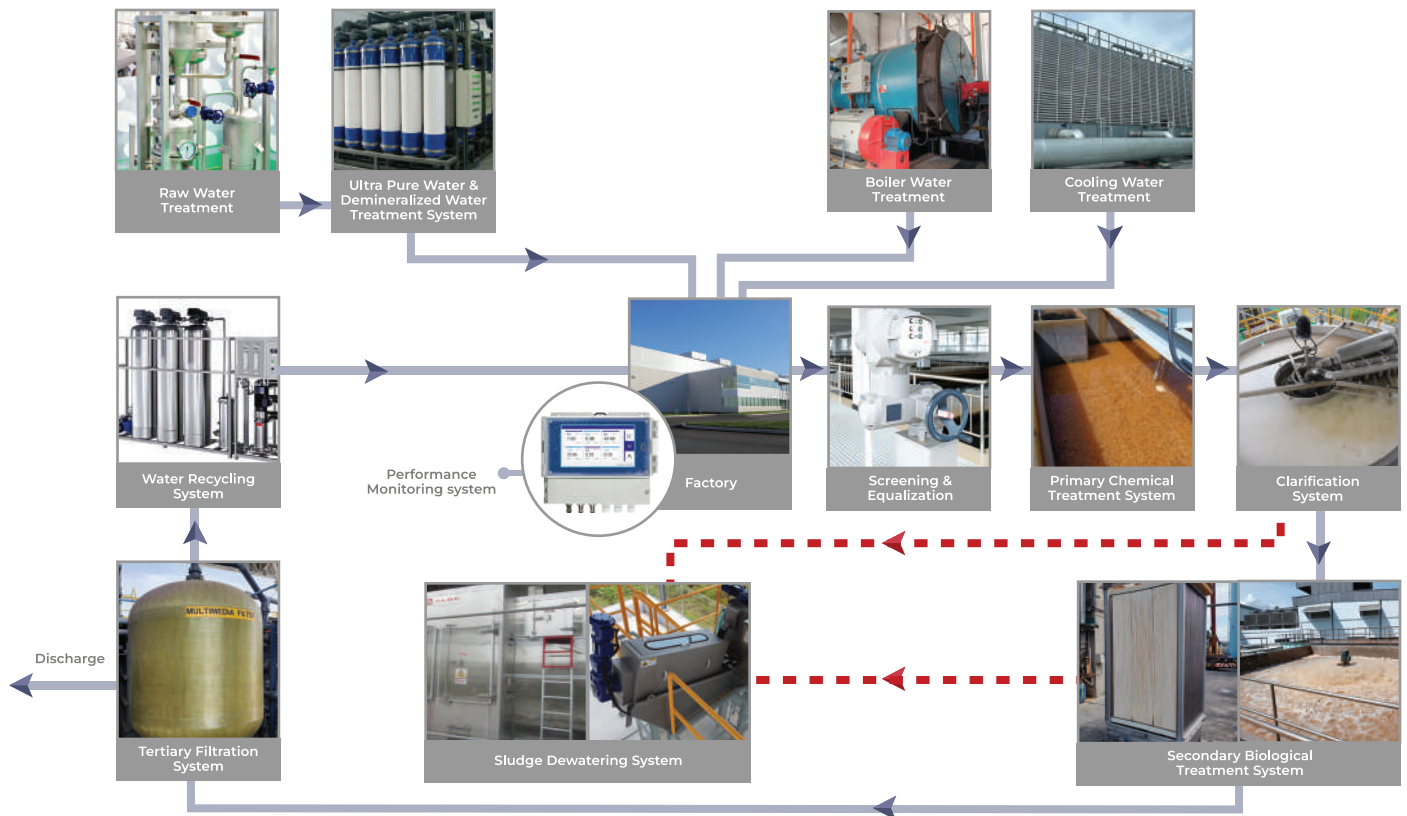
- Cost-Effectiveness
- Process Automation
- Footprint Reduction
- Energy Saving
- Environmentally Friendly

WHAT WE OFFER

- 1 Consultation for Industrial Effluent Treatment Systems (IETS)
- 2 Engineering and Process Design for IETS
- 3 Project Management and Construction for IETS
- 4 Liaison with Department of Environment (DOE) and Submission of Written Notifications
- 5 Engineering Drawing Endorsement by Professional Engineer (PE/IR) from Board of Engineers Malaysia (BEM)

04 EQUIPMENT & SYSTEMS

Explore our diverse water treatment solutions, blending user-friendly efficiency with environmental consciousness to offer high-quality machinery. Our tailored solutions meet rigorous environmental standards, prioritize cost savings, and ensure seamless equipment installation and maintenance.



COOLING WATER TREATMENT

BOILER WATER TREATMENT

RAW WATER TREATMENT

- Tube Well Water Treatment
- Disinfection System

PERFORMANCE MONITORING SYSTEM

- ALBE 24/7 Remote Monitoring

SCREENING SYSTEM

- Rotary Screen
- Static Screen

PRIMARY CHEMICAL TREATMENT SYSTEM

- Chemical Dosing Pump
- Auto Polymer Preparation System (APPS)

CLARIFICATION SYSTEM

- Dissolved Air Floatation (DAF)
- Clarifier

SECONDARY BIOLOGICAL TREATMENT SYSTEM

- Anaerobic - UASB, EGSB
- Aerobic - Membrane Bioreactor (MBR), MBBR, Biological Trickling Filters
- Turbo Blower

SLUDGE DEWATERING SYSTEM

- Low Temperature Sludge Dryer
- Multi-Disc Screw Press (MDSP)
- Membrane Filter Press
- Filter Press

TERTIARY FILTRATION SYSTEM

- Activated Carbon Filter
- Multimedia Filter

ULTRA PURE WATER & DEMINERALIZED WATER TREATMENT SYSTEM

- Reverse Osmosis (RO)
- Ion Exchange (Twin Bed System, Softening System)
- Electrodeionization (EDI)
- Distillation Systems
- Ultrafiltration (UF)
- Mixed Bed Deionization (MBDI)
- Advanced Oxidation Procedures (AOPs)

WATER RECYCLING SYSTEM

- Final Discharge Recovery

OUR PEOPLE STRENGTH

At Cheme Advance, our dedicated teams take pride in delivering innovative solutions for the water and wastewater treatment industry. With a shared vision for environmental stewardship, we strive to provide tailored solutions and unwavering support, fostering partnerships for a cleaner, healthier and more sustainable future.

SERVICE ENGINEERS



TROUBLESHOOTING



EMERGENCY SUPPORT



MONITORING



Our experienced service engineers conduct onsite assessments, inspections, and maintenance for water and wastewater treatment plants, providing custom solutions and emergency support to ensure system compliance and smooth operation.



Our biologists and chemists excel in identifying microscopic organisms. Operating from our lab, they conduct detailed scientific studies and offer solutions for challenges in water and wastewater management.

ANALYSIS



RESEARCH



MICROBIOLOGY



BIOLOGISTS & CHEMISTS



Our engineers design efficient industrial effluent treatment systems (IETS) tailored to your industry needs, considering space, capacity, budget, technology, and resources. Project engineers ensure seamless equipment integration through pilot trials, prioritizing operational excellence, cost efficiency, and regulatory compliance.

CUSTOMIZATION



PILOT TRIAL



COMPLIANCE



TECHNICAL DESIGN & IMPLEMENTATION ENGINEERS

PRODUCT & QUALITY CONTROL SPECIALIST



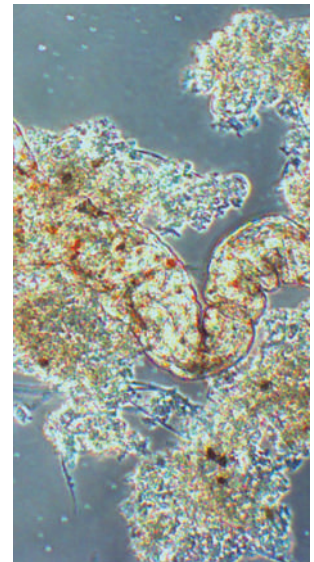
TECHNOLOGY



PRODUCT DEVELOPMENT



QUALITY ASSURANCE



Our quality control team enforces strict measures from raw material sourcing to the final product, ensuring that our product range, including chemicals and bacterial products, equipment like Dissolved Air Flotation (DAF) and Membrane Bioreactor (MBR) consistently meets industry standards and environmental regulations.



ALBE ADVANCE GROUP CHEME ADVANCE SERVICES SDN BHD

HQ

- 📍 No.2, Jalan BS 7/16, Seksyen 7
Kawasan Perindustrian Bukit Serdang
43300 Seri Kembangan, Selangor
Daru Ehsan, Malaysia.

SOUTHERN OFFICE

- 📍 1, Jalan Ekoperniagaan 1/23, Taman
Ekoperniagaan 81100 Johor Bahru, Johor

NORTHERN OFFICE

- 📍 No.45, Jalan Menglembu Impiana
34, I-Park Menglembu, Ipoh, Perak
31450, MY
- 📍 1681-F3, Jalan Perusahaan, Auto-City,
13600 Perai, Penang

- ☎ Office: +603 8948 6272 / +6012 - 207 5070

- 📠 Fax: +603 8948 6273

- ✉ Email: enquiry@albeadvance.com

- 🌐 Website: www.albeadvance.com