YOUR PARTNERS IN INDUSTRIAL WATER TREATMENT SOLUTIONS
Reliable | Sustainable | Economical
Reliable. Sustainable. Economical.

The needs of the oil & gas, refineries and coal power industries are a strong focus for IDE. Since 1965, IDE has developed ground breaking thermal and membrane water treatment technologies, with a proven track record of hundreds of deployments worldwide. Our advanced industrial water treatment solutions take a comprehensive, integrated, end-to-end approach to the water treatment needs of these industries with a full process guarantee.

A Broad Range of Unique Benefits

- Modular design capability with a short set up time suitable for remote locations
- Minimal downtime, high availability, increased efficiency
- Proven track record in EPC, turnkey, O&M, BOT and other business models
- Fully customizable to a variety of water sources and customer requirements
- Automatic control reduces the need for labor and maintenance
- Global delivery capabilities

A Broad Range of Unique Benefits

- Reliable
  Robust plants built to last, with a track record of many years of operation.

- Sustainable
  Less chemicals.
  Less energy.

- Economical
  Reduced equipment, installation and operational costs.
Oil & Gas: Reliable, Robust Solutions

- Produced water treatment solutions for on-shore conventional and enhanced/unconventional (i.e. CSG, SAGD, etc.) oil & gas production
- Proven long-term reliability and performance to meet the increased demand for water
- High water recovery compliant with disposal & water regulations

Coal Power: Efficient Water Re-use

- Water treatment solutions for inland coal power stations
- Cooling tower blowdown treatment
- Designed to reduce make-up water requirements and volume of rejected effluents
- Zero Liquid Discharge (ZLD) capabilities

Refineries: Sustainable Closed Water Cycle

- Integrated solutions for Effluent Treatment Plants (ETP) and water re-use
- Environmentally sensitive approach to waste water effluents
- Providing low cost, reliable water source for boiler and cooling tower make-up
About IDE

A world leader in water treatment solutions, IDE specializes in the development, engineering, construction and operation of enhanced desalination facilities, industrial water treatment and water reuse plants.

Recognized for developing some of the most advanced thermal and membrane technology, IDE has designed, built and currently operates some of the world’s largest desalination facilities (e.g. in China, India, US, Australia and Israel) and ground-breaking industrial water treatment plants.

IDE partners with a wide range of customers - oil & gas, mining, refineries, power stations and municipalities - on all aspects of water projects, and delivers approximately 3 million m³/day of high quality water worldwide.

We listen first so we can create the best solutions for your needs. We then bring technological leadership, proven reliability and consistent delivery to all our projects. Our highly experienced and dedicated team builds strong partnerships that lead to success and growth.

IDE has teams in the US, China, India, Australia and Chile, as well as the Israel head office, and a partnership with Fair Canada Engineering Ltd., in Alberta, enabling full client partnership anywhere in the world.

IDE is jointly owned by two of Israel’s largest industrial enterprise groups – ICL, one of the world’s leading fertilizer and specialty chemical companies, and Delek, a leading energy and infrastructure group.