



# Seawater Reverse Osmosis Solutions

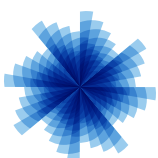
## Proven Expertise | Leading Technology | Sustainable Solution

IDE is a global water industry leader, producing innovative and highly efficient SWRO systems that deliver low operation costs. We provide design, engineering, procurement, construction and operation and maintenance services at the highest levels. Our commitment to success includes continuous onsite support through all project stages, from design to commissioning, operation and maintenance.

### Unique and innovative technologies

**IDE has a long track record of technological breakthroughs.**

- **IDE PROGREEN™** - a unique, chemical free RO solution, for capacities as low as 500 m<sup>3</sup>/day
- **Direct Osmosis Cleaning (DOC) and Direct Osmosis High Salinity (DOHS)** - online chemical free membrane cleaning, for increased membrane performance and life
- **Pressure Centre Design** - reduces energy consumption, increases system availability and reliability
- **Boron Removal System** - a patented process for boron removal to the lowest required level
- **DAF-in-Filter** - a unique combination of Gravity Filter and Dissolved Air Filtration in a single filter cell



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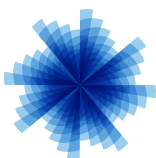
## Innovative solutions that deliver

- **Guaranteed Performance** - proven, long-term high availability
- **Tailored Design Solutions** - optimized to meet client needs
- **Sustainable Desalination** - lowest energy and chemical free desalination
- **Flexible Financing Package** - within accelerated deadlines and strict budgetary frameworks



## Unparalleled track record

- **Sorek desalination plant, Israel, 624,000 m<sup>3</sup>/day (165 MGD)** - The world's largest SWRO plant
- **Claude "Bud" Lewis Carlsbad desalination plant, California, USA, 204,412 m<sup>3</sup>/day (54 MGD)** - The largest desalination plant in the Western Hemisphere
- **Reliance desalination plant in Jamnagar, Gujarat, India, 168,000 m<sup>3</sup>/day (44.4 MGD)** - The largest desalination facility in India
- **Sino-Iron desalination plant, Cape Preston, Australia 140,000 m<sup>3</sup>/day (37 MGD)** - First large scale prefabricated plant shipped to a remote location
- **Charles E. Meyer Desalination Plant, Santa Barbara, CA, USA 10,560 m<sup>3</sup>/day (3 MGD)** - Refurbishing of a 20 year old plant to meet 21st century needs



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