

DESALINATION PLANTS.

ENGINEERING EXCELLENCE.

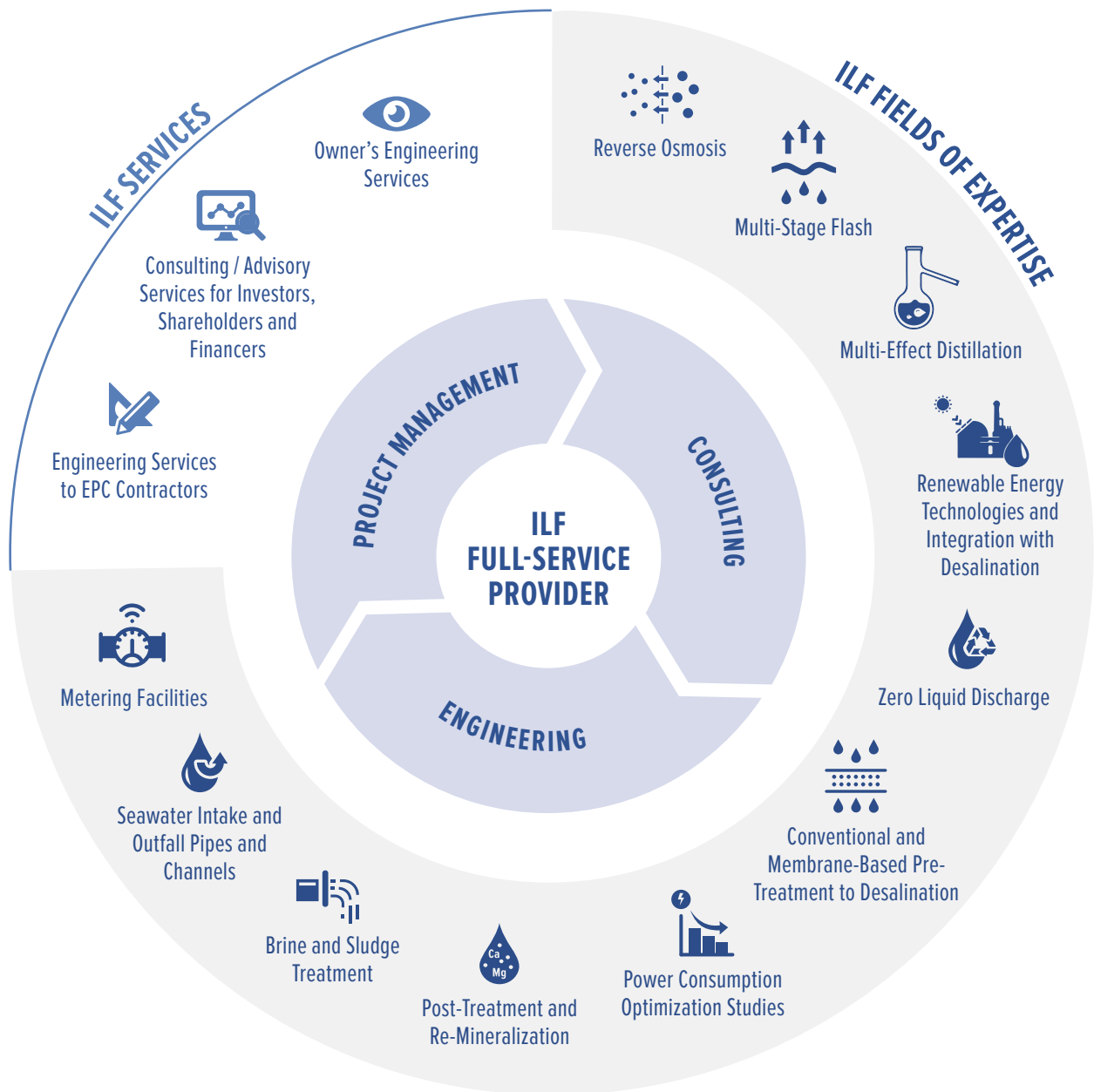


CONSULTING
ENGINEERS

DESALINATION PLANTS

Rapid economic growth as well as the constant growth of major cities around the world has drastically increased the demand for fresh potable water. Desalination offers a sustainable, reliable and secure response to this growing demand.

ILF gives top priority to developing eco-friendly desalination plant design solutions which maximize efficiency.



**3X INCREASE IN THE AMOUNT OF
DESALINATED WATER OVER THE PAST FOUR YEARS.
IN 2025, ILF CONTRIBUTED 5,500,000 M³/D.**

ILF has a deep knowledge of sea water reverse osmosis (SWRO) systems and pre-treatment technologies, such as ultrafiltration, gravity vs pressurized media filtration, dissolved air flotation, etc.

HIGHLIGHTS

- Desalination department made up of experts with 20+ years of experience in the business
- Project management and engineering team experienced in working in the Engineering, Procurement and Construction (EPC) and Independent Water Plant/Project (IWP) / Independent Water and Power Plant/Project (IWPP) / Build-Own-Operate (BOO) / Build-Own-Operate-Transfer (BOOT) business
- Project managers familiar with different project sizes and complexities (from pilot up to mega projects with a capacity higher than 100 MIGD)
- Variety of projects in the Middle East, Africa, Asia, South America and Europe
- Know-how in operating advanced simulation/optimization software



“The lack of access to potable water in many regions is a call for our team to provide customized solutions for drinking water production.”

Roberto Mangano,
Managing Director, ILF Consulting Engineers – Abu Dhabi

PROJECT HIGHLIGHTS

Owner's Engineering:

- Al Basrah Seawater Desalination Project, 1,000,000 m³/d, IRQ
- Taweelah IWP, 909,000 m³/d, UAE
- Jubail 3A IWP, 600,000 m³/d, KSA
- Jebel Ali SWRO Plant, 181,000 m³/d, UAE

Technical Consultancy and Advisory Services:

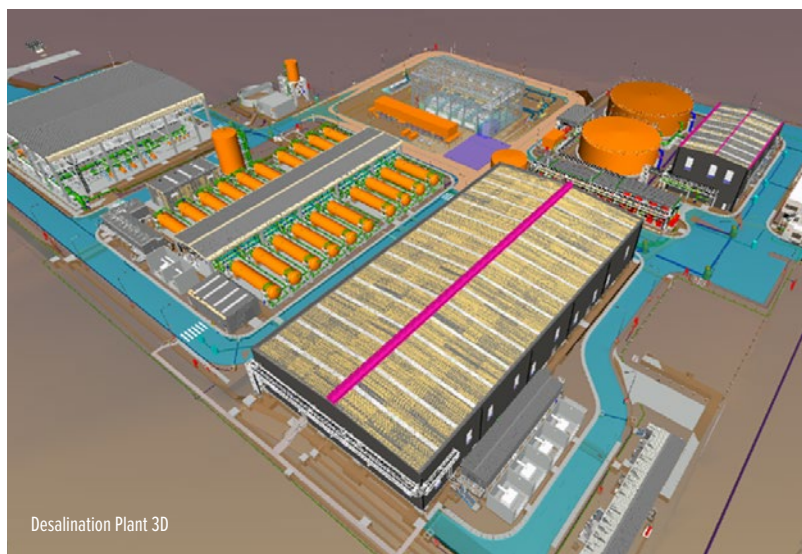
- Project Wave, 522,790 m³/d, UAE
- Dhofar Water IWP, 150,000 m³/d, OMA
- Feasibility Study to Secure Water Supply to Namibia, 50,000–200,000 m³/d, NAM
- Taweelah IWP, 909,000 m³/d, UAE
- Yanbu IV IWP, 450,000 m³/d, KSA
- AD RO Islands IWP, 454,600 m³/d, UAE

Lender's Engineering:

- Ghubrah 3 IWP, 300,000 m³/d, OMA
- Qingdao SWRO Plant, 100,000 m³/d, CHN
- Sohar IWP, 250,000 m³/d, OMA

Engineering / Design Works:

- Qurayyat IWP, 200,000 m³/d, OMA
- Marina East Desalination Plant, 136,000 m³/d, SGP
- Spence Growth Options Project, 84,000 m³/d, CHI





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