

CONSTRUCTION **TIMES**

VOL. 9 ■ ISSUE: 09 ■ ENGLISH - MONTHLY ■ THANE ■ JANUARY 2023 ■ PAGES: 132 ■ PRICE: ₹ 100

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There is increasing importance given to wastewater treatment and recycling initiatives.

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What are the trends to look for in the year 2023 for the Indian water and wastewater sector?

Given the challenges of water availability and depletion, water has become an important area of attention for all industries. Reduced water footprint for the industry, efficient use of water resources, and 'multiple' use of input water with tightening discharge norms are the key factors that are driving the increasing demand in the industry. Regulators are also taking prudent but increasingly stringent stances on water utilisation and effluent discharge into common streams. The movement to save rivers and protect their aquatic life along with larger protection of the ecosystem is driving and increasingly pushing the demand for Zero Liquid Discharge (ZLD) system.

What could be the key challenges and what will drive the growth?

The market in India is growing. There is increasing importance given to wastewater treatment and recycling initiatives. The



regulations on water usage and wastewater treatment are the key drivers for the growth of industrial wastewater treatment market in India. Increasing level of awareness about ESG (Environmental, Social and Governance) goals of various corporates not just for themselves but also from the supply chain will be a major demand driver for ZLD systems. The demand for wastewater treatment in India is mainly driven by sectors such as metals, petroleum refineries, chemicals & petrochemicals, pharmaceuticals, textiles, and power plants.

However, the challenge is to develop innovative, green and energy-efficient solutions to work on CI reduction as well as making them economically viable.

How are you geared up for the year ahead? What are the key plans?

Praj has been at the forefront of developing techno-commercially viable technologies based on the 3Rs - Reduce, Recycle and Reuse. It is possible to achieve up to 95% effluent recycling through our traditional offerings, such as Ultra-Filtration, Nano-Filtration and Reverse Osmosis plants. Our zero liquid discharge and recovery systems provide an efficient way to treat complex industrial waste. We are also working on various initiatives to introduce greener solutions in the ZLD space to help our customers achieve their ESG goals. 

