



Bhushan Zarapkar

Water, Wastewater & Energy Solutions

Delivering Innovative Solutions Across Industries

33+ Years of Experience | 300+ Projects | 14 Countries



Content



Experience - Summary



Experience across sectors



Projects accomplished across the world



1. Expert advisory solutions - wastewater treatment



2. Expert advisory solutions - water and energy saving



Value Proposition



Some success stories



Contact

Experience - Summary



33+ years experience



14+ countries, executed projects successfully



300+ water & wastewater treatment projects, including Zero Liquid Discharge ZLD systems



50+ biogas projects for reduction in energy cost and carbon footprint



25+ solar energy projects



15+ digital solutions, customized on-line assistance to simplify plant operations



24+ years strategic leadership in execution

Experience Across Sectors



Pharmaceutical



Chemicals



Textiles



Food and
Beverages



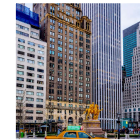
Sugar and
Distillery



Paper and Pulp



Steel and
Power Plants



Building
Services

Projects Accomplished Across The World



India



Bangladesh



Philippines



Thailand



Vietnam



Indonesia



Uzbekistan



Egypt



Zambia



Ethiopia



Nigeria



Puerto Rico



Dominican Republic



USA

1. Expert Advisory Solutions - Wastewater



Design & engineering of wastewater treatment, recycling and zero liquid discharge solutions



Front-End Engineering and Design (FEED) study, tendering and project management



Remote process monitoring, plant automation to simplify operations and improve performance



Treatment cost optimization



Expert on call (on line meetings) for any water and wastewater issues

2. Expert Advisory Solutions – Water and Energy Saving



Baseline study, gap analysis water and energy consuming processes and equipment



Technical interventions feasibility study



FEED study, tendering and project management



Automation, monitoring to improve performance



Fractional leadership – sustainability projects

Value Proposition – Expert Advisory Solutions



Reduced technical risks by offering proven technologies and energy saving solutions



Bring best practices across the sectors that help improve operational efficiency



Saves water and energy and GHG emissions. Saves cost of operations



Support ESG and sustainability goals



Support in adhering to local compliance

Some Success Stories



Pharma: Wastewater treatment and zero liquid discharge projects for TEVA Pharma, Amway India, Dr. Reddy's Lab, Cipla, Torrent



Chemicals: Advanced treatment solutions for Alkyl Amines, Novozymes, Indorama, Sudarshan Chemicals



Textiles: Water recovery projects for D'Décor Home Fabrics, Tessitura Monti, Delta Galil



Food & Beverage: Wastewater treatment & biogas projects for Chitale Dairy, Haldiram Foods, PepsiCO, Coca Cola



Sugar and Distilleries: Wastewater treatment & biogas projects for Shree Renuka Sugars, Godavari Biorefineries, etc.



Steel and Power: Water recovery projects for Steel Authority of India and Bharat Heavy Electricals Ltd.



Building Services: The Chatterjee Group projects TCG (through Pell Frischmann India), Wockhardt Building STP at BKC, Mumbai, and Blue Dart Building Near Bengaluru Airport

Contact for Sustainable Solutions

Contact Bhushan Zarakar for expert consulting

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"Driving sustainability through innovative solutions"