

Economical Recycling For Efficient Reuse

# End to End **WATER MANAGEMENT SOLUTIONS**

FROM  
**WASTE TO  
RESOURCE**

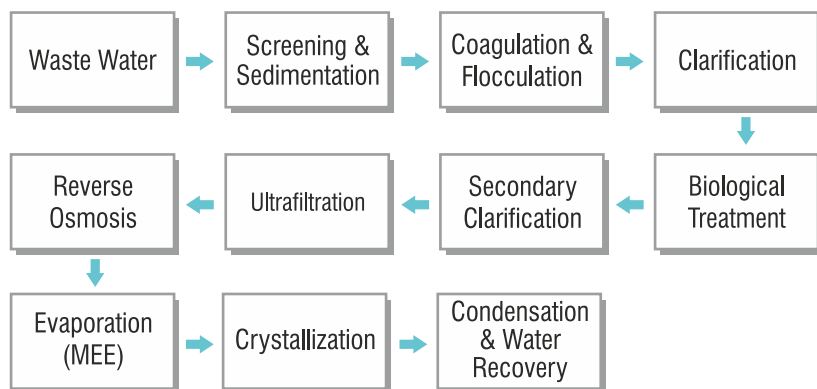


# Waste Water Treatment & Recycling Solutions

## Comprehensive Zero Liquid Discharge Solutions

A Zero Liquid Discharge (ZLD) plant is a wastewater treatment system designed to eliminate liquid waste or discharge from industrial processes, meaning no wastewater is released into the environment. It typically involves the recovery, recycling, and reuse of water, while the waste solids are disposed of or treated. We AWETECH offer end to end ZLD solutions to our clients, starting from waste water pretreatment, evaporation, crystallization, condensation & upto reused of recycled water.

### Typical ZLD Plant Process Flow :



**This process enables industries to reuse up to 95% of water and minimize waste discharge.**

## Types of Multiple Effect Evaporation Plant & Dryers

- Falling Film Evaporation Plants
- Forced Circulation Evaporation Plants
- Rising Film Evaporation Plants
- Combination Evaporation Plants
- Agitated Thin Film Dryers (ATFD)

## ZLD Solutions for Small & Mid Size Industries



### Features

- Available in standard capacity of 20/45/90/170/300/500 Ltr/hr.
- Available in standard 316 SS alloy as well as other more corrosion resistant alloys for long term reliable operation for even the most corrosive applications.
- Designed for high efficiency and faster evaporation.
- Heaters designed with proper surface loading ensures efficient evaporation and longer life of heaters in case of electrically operated.
- Gas or steam operated, heating system is designed for maximum efficiency and trouble free operation resulting in reduced fuel cost.
- A wide variety of heat sources allows end user to use the most economical heat source available.
- Sloped bottom for easy removal of solids.
- Efficient controls ensures safety against heater burnouts and dry run of coil or burner. The level switch is interlocked with heating source at two stages for fail safe operation.

Electrical Operated

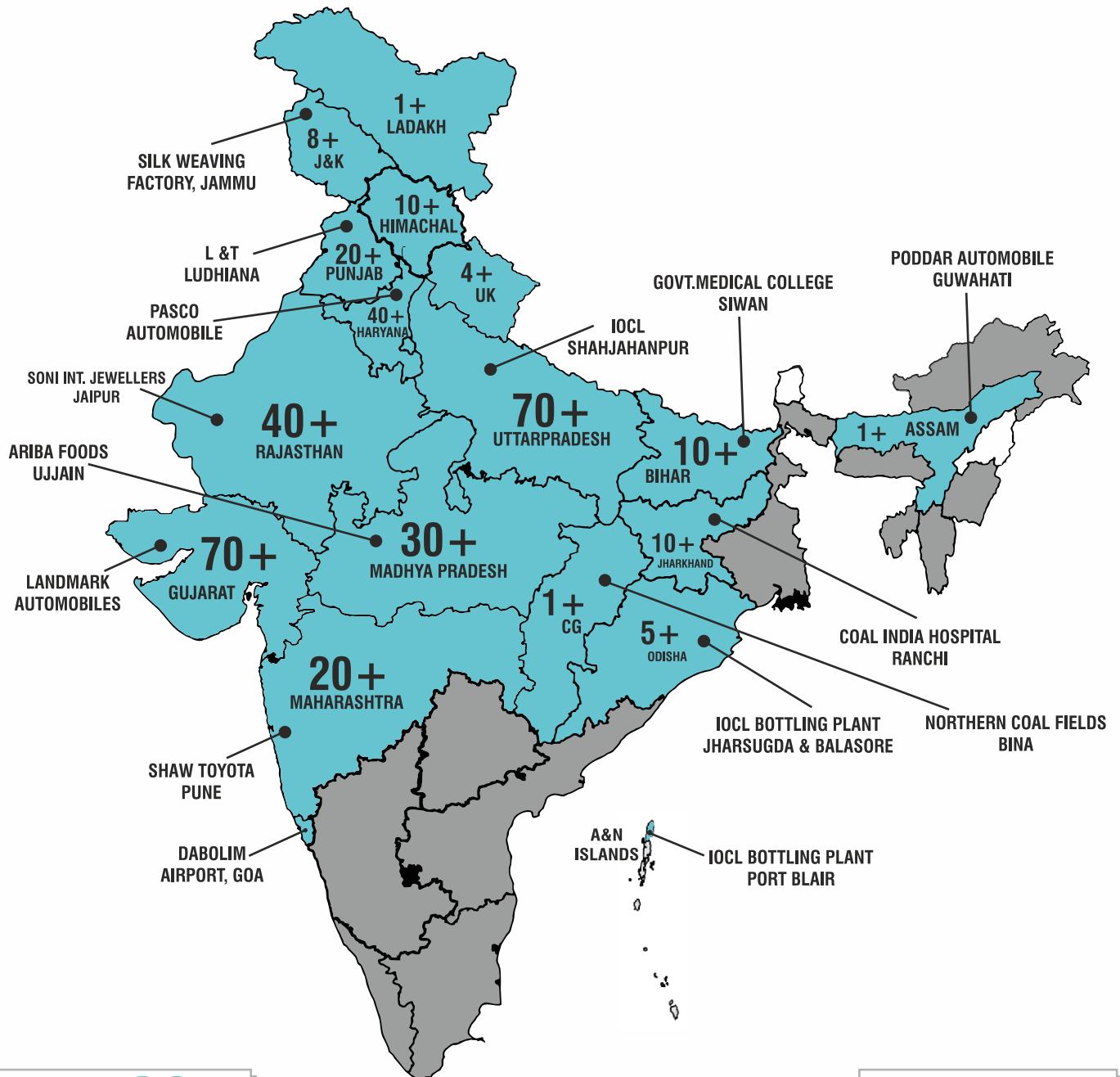
Gas Operated

Steam Operated

# PAN INDIA NETWORK

PAN INDIA  
INSTALLATIONS **500+**

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MAINTENANCE TEAM **100+**



PROJECT &  
SERVICE TEAM **20+**

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## ► Manufacturing Unit

Plot No.2, 216 sq.yds., Khasra No.71/4,  
Rattan Singh Palace, Village Ghevra, **New Delhi-110081**

## ► Branch Office

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