

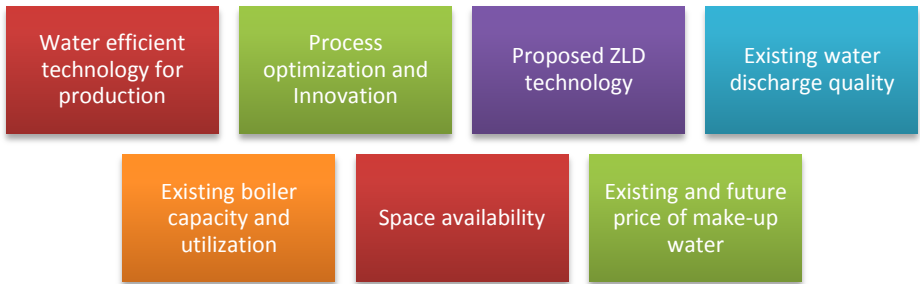
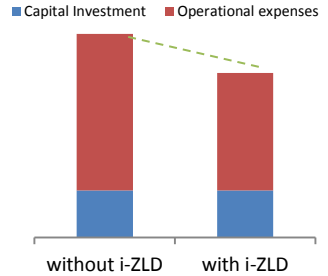
i - ZLD

Intelligent ZLD: Optimizing cost and performance of Zero Liquid Discharge Systems

Zero Liquid Discharge (ZLD) is usually seen as being capital intensive with upfront investment. In reality, ZLD is about optimizing long term operating cost.

iZLD is a service from cKinetics that helps arrive at the optimal mix between upfront investment and ongoing expenses.

It evaluates a manufacturing facility on a 7 point framework listed below.



Highlights of i- ZLD	What is covered under i-ZLD
<ul style="list-style-type: none"> ✓ Helps optimize Levelized Cost of Water (LCoW) ✓ Helps reduce fresh water demand ✓ Helps in process optimization ✓ Helps identify ways for improving effluent quality ✓ Helps Identify technology for water conservation ✓ Helps identify appropriate ZLD technology ✓ Helps optimize utility expansion requirements 	<ul style="list-style-type: none"> ➤ Pre-feasibility study ➤ Water balancing and reconciliation ➤ Detailed plant economics study ➤ Mapping system impact of process and technology modifications ➤ Value added water mapping in the plant ➤ Process and recipe optimization scope ➤ Benchmarking process wise resource consumption

i-ZLD is applicable for Industries seeking water optimization and ZLD implementation:

1. Textile (wet processing)
2. Paper and Pulp
3. Pharmaceuticals
4. and Distilleries

For getting a pre-feasibility done which takes approximately 2 weeks, please write to us at:
Project+race@ckinetics.com

i-ZLD is developed by cKinetics (www.cKinetics.com)

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