

Treat



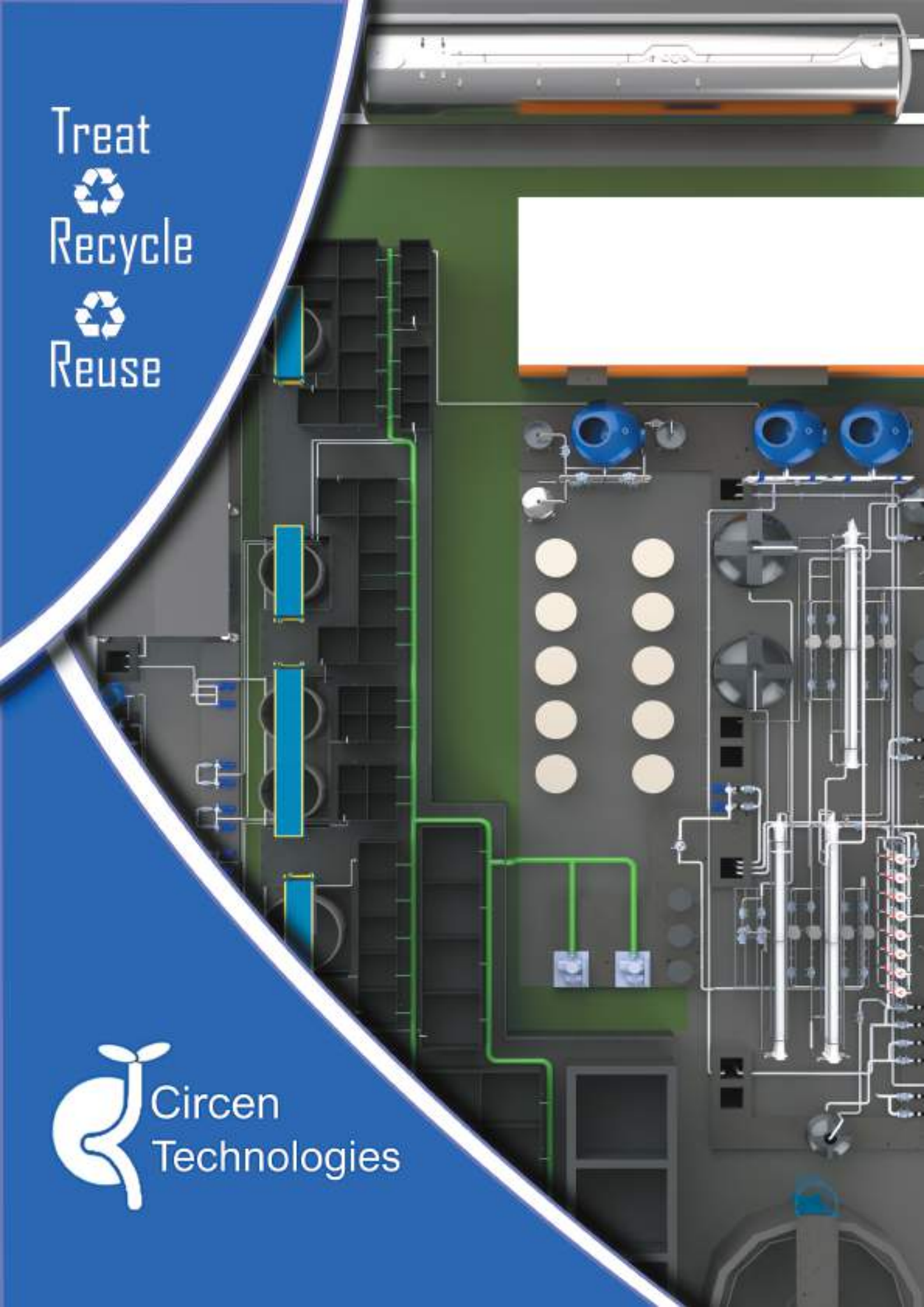
Recycle



Reuse



Circen
Technologies





COMPANY VERTICALS

- ✓ AI Enabled STP
- ✓ Authorized dealer of HCP pumps
- ✓ Packaged STP/ETP/WTP
- ✓ Comprehensive O & M packages
- ✓ Complete EPC for STP/ETP /WTP/ZLD

INTRODUCTION

Circen Technologies is an innovative water treatment EPC company delivering advanced sewage management solutions using AI-driven technologies. Specializing in MBR, MBBR and SBR systems, we offer flexible deployment for sewage water and Effluent treatment plants, along with zero liquid discharge solutions. Our end-to-end services include remote monitoring and automation, with recovered water meeting non-portable standard for applications like gardening, flushing and chilled systems, emphasizing water conservation and sustainability.

STP - MEMBRANE BIO REACTOR

Membrane Bioreactor is a combination of Ultrafiltration & Microfiltration System. The system produces superior water quality which is suitable for recycle and reuse. System has high operation efficiency > 95% and has improved COD / BOD reduction compared to ASP / MBBR /SBR. Treated water produced is suitable for flushing, gardening and chiller systems.



STP - MOVING BED BIOFILM REACTOR

Moving Bed Biofilm Reactor (MBBR) Sewage treatment plant is a biological treatment system that combines the benefits of both activated sludge and biofilm processes. Less capital intensive and low operating costs are key benefits of the system. The operation of this plant is simple and it can handle load fluctuation well. Treated water produced can be used for gardening.

STP - SEQUENTIAL BATCH REACTOR

A Sequence batch reactor (SBR) Sewage Treatment Plant is a modified activated sludge treatment system that operates in a single tank through time sequenced phases. system has a simplified design and has lower energy consumption with requirement of lesser mechanical parts. Treated water produced and has reduced levels of ammonia and is suitable for gardening.

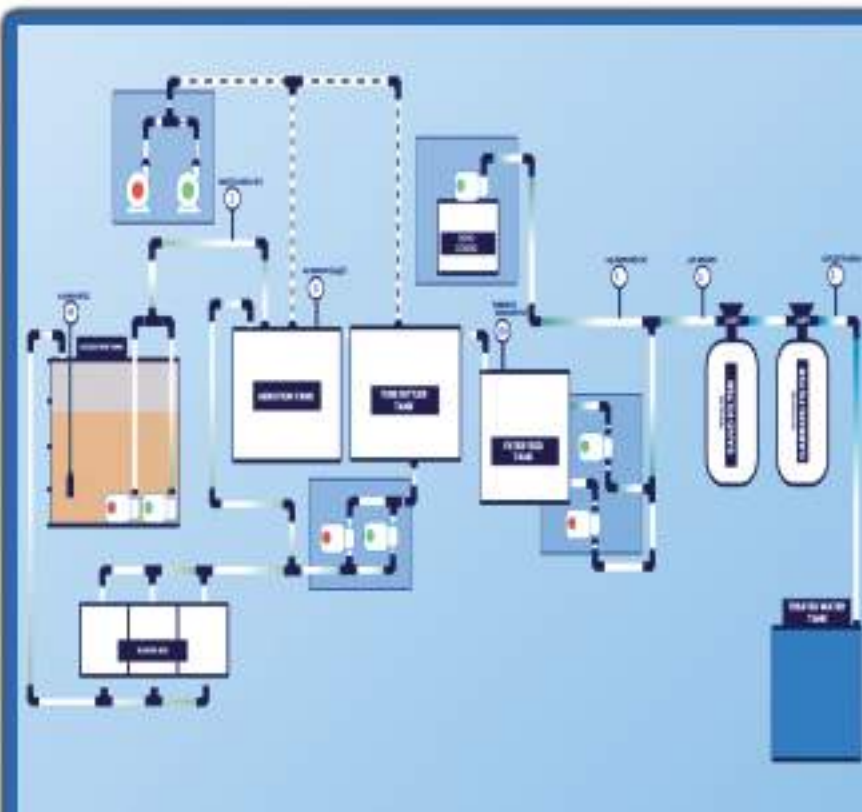


WATER TREATMENT PLANT

WTP's are designed as per source water quality and final treated water use. Typical treatments include filtration, softening and sterilization. Systems come in a pre fabricated plug 'n' play setup with complete automation.

O & M SOLUTIONS

We takeover old existing sewage treatment plants and upgrading and revamp with complete remote monitoring solutions. Systems are incorporated with intelligent operation and increased efficiency. parameters are continuously monitored with continuous predictive maintenance services. The entire comprehensive O&M is provided as a service to the client without any upfront capital investment.





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