

SCALE

& BIO

REMOVAL





CHALLENGES IN WATER COOLED CHILLERS & COOLING TOWERS

Water Availability

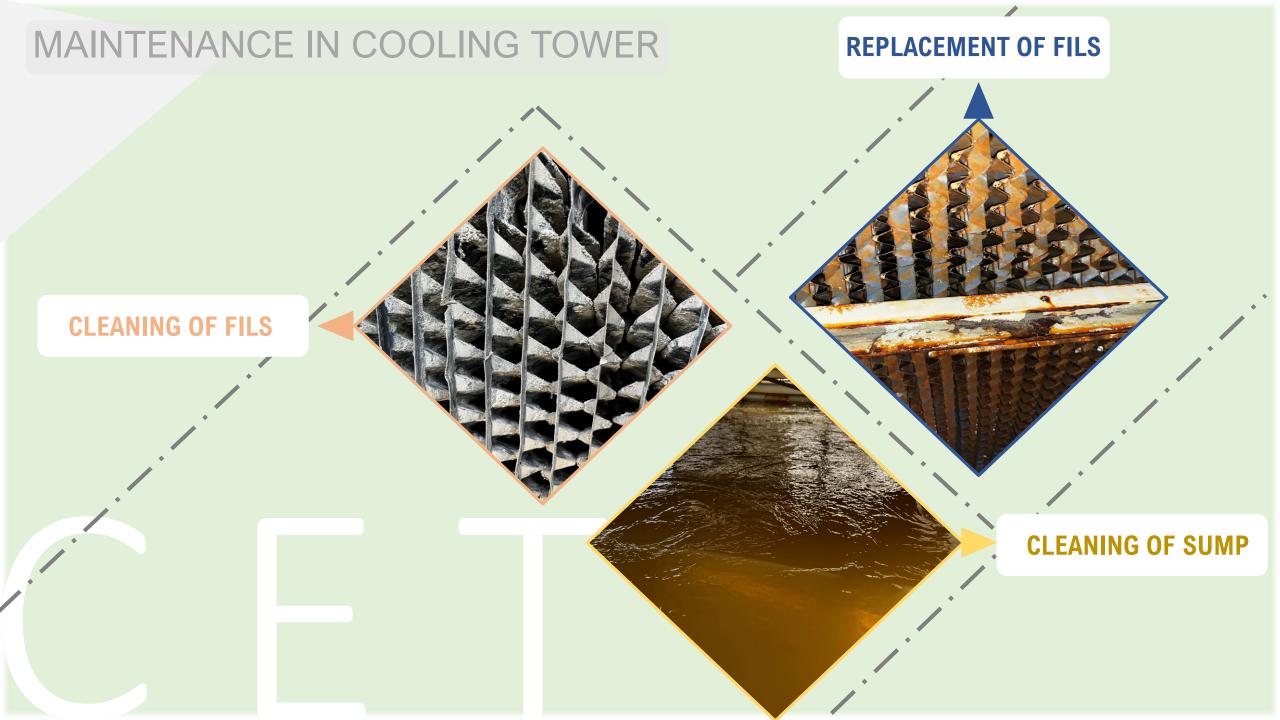
Cooling tower maintenance

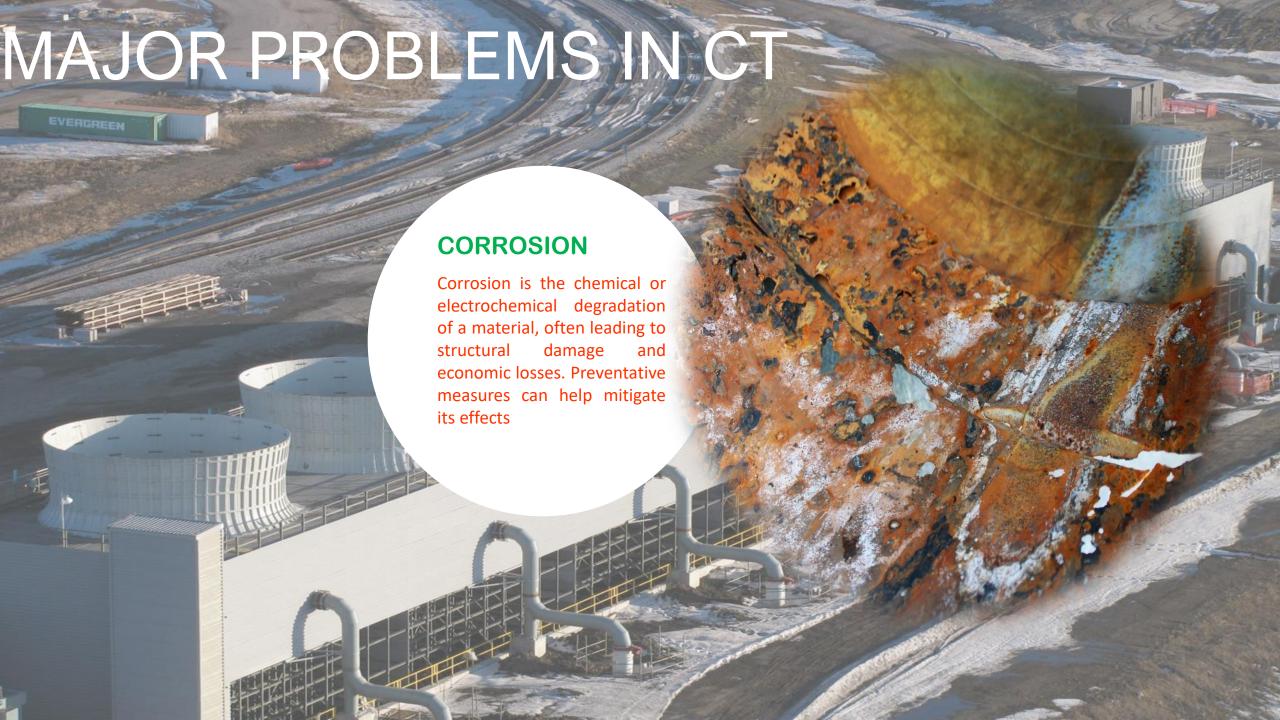
Problems of Scaling ,Bio-Fouling & Corrosion

Chemical Dosing & Handling

Blow Down Treatment



















Eliminate Chemical Dosing

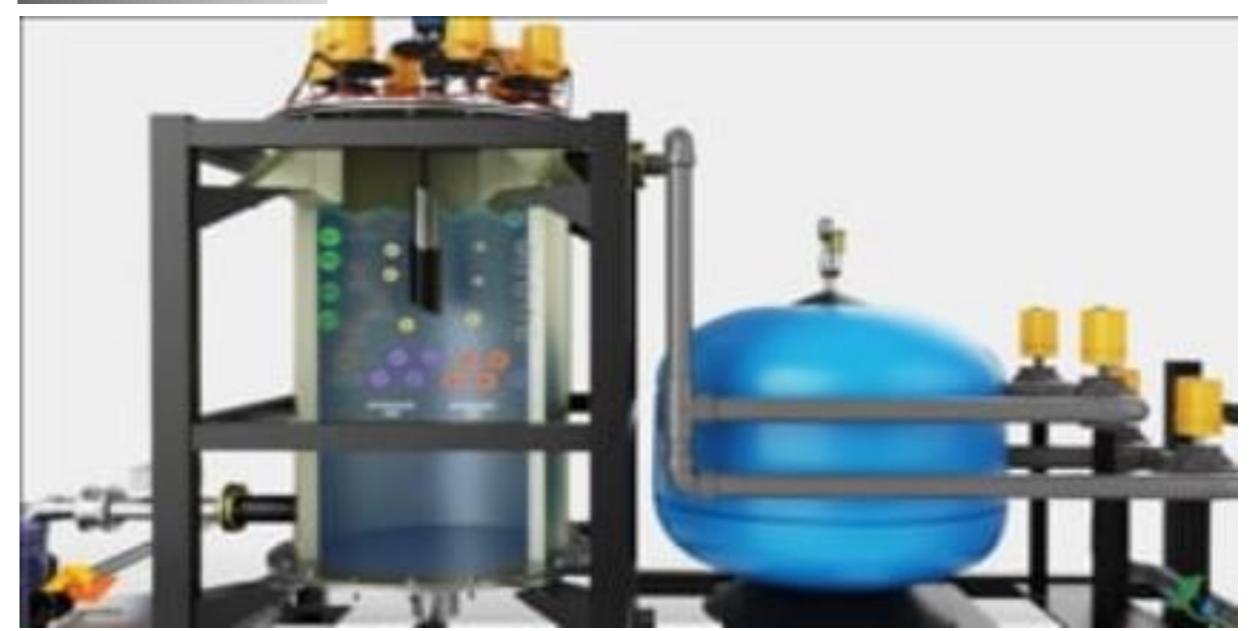
Save up to 66% of Blowdown Water

No Scaling & Corrosion

Reduced Maintenance

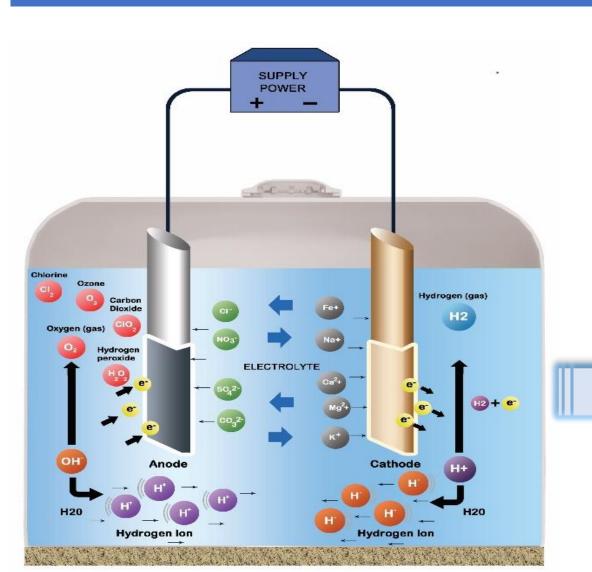




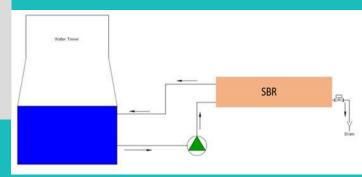


CET ENVIRO

Deploys ELECTROLYSIS reaction that breaks down and controls the elements that pollute water quality.



SITE FLOW CHART / PROCESS FLOW





Electricity is When passed through the anode and cathode. The dissolved Ion will precipitation start due to polarity of charges. Chlorine and Other oxidizers are due generated reaction. The Scale which causes damage of fils and poor HEX will be ACCUMILATED on the Cathode.

SUSTAINABILITY DASHBORD



SUSTAINABILITY DASHBORD



SUSTAINABILITY IMPACT



REDUCING CO2 FOOTPRINT

The energy saving by increasing water quality.



ZERO CHEMCIALS USAGE

Total Elimination of chemicals Dosing system.





WATER SAVINGS

The 66% of BD water saving and use BD water for Irrigation.





LEED POINTS

The product complies to LEED certification standards.



SUCCESS STORIES - MONDELEZ FACTORY, BRAZIL







Before SBR/ Month

After SBR/ Month

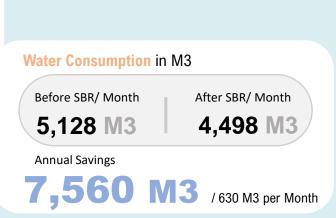
\$ 6,441

\$0

Annual Savings

\$ 77,292 /6,441 per Month









Successful Installation of SBR, June 2022



Zero Chemical Dosing



Water Reduction – 7M liters/year (7,000 M3/Year)



Total Annual Savings by SBR **USD 80,392**



Thank you!