

GAS-TO-LIQUIDS REFINERY

For the past three years, Ecolab has partnered with a major gas-to-liquids refinery in South Africa to mitigate its cooling water management challenges. The refinery was experiencing shutdowns due to variable cooling water quality in the system. Ecolab employed 3D TRASAR™ Technology for Cooling Water, our 24/7 System Assurance Center and formal audits to manage the refinery's corrosion, microbial activity and water consumption challenges, resulting in a 560 percent return on investment.

184 million
gallons

of water saved over
a 3-year period

Avoided unplanned
shut downs

7 Years

of increased asset lifespan of
critical equipment through
corrosion control

Saved \$1.5 million (over 12 months)



For more information about sustainability at Ecolab, please visit ecolab.com/sustainability.

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