

# STRONGER STEEL. LESS WATER & SCRAP.



## Transform Business Results With Water Circularity Solutions

Optimize water-to-steel efficiency while protecting quality with integrated solutions that deliver total value across your plant.

### ENGINEERED FOR RESULTS



#### PRODUCT QUALITY & SAFETY

Consistent steel quality  
Reduced water-related  
defect rates  
Protected yield & compliance



#### OPERATIONAL PERFORMANCE

Maximized mill uptime  
Efficient cooling and  
steam generation  
Reliable equipment performance



#### ENVIRONMENTAL IMPACT

Improved water use efficiency  
Enhanced effluent reuse  
Assured compliance



#### FINANCIAL IMPACT

Optimized total cost  
Quantified total  
value delivered

**ECOLAB**<sup>®</sup>

# A Proven Full Water-Cycle Approach

## WATER OPTIMIZATION THAT POWERS STEEL PRODUCTION

Digital-first, modular programmatic solutions that work together to deliver performance results.

## ENGINEERED TO THE OUTCOME

Deep expertise, advanced technologies, front-end engineering and tailored equipment to deliver measurable results.

## CREATING A BLUEPRINT FOR BEST-IN-CLASS PERFORMANCE

Develop and activate pathways to optimize water interdependencies from unit application to the full water cycle across the operation.

## Achieve Circularity Outcomes with Modular Programs Tailored to Every Site



### Water Strategy + Advanced Digital Intelligence

Real-time insights and predictive control across the entire water cycle to identify value opportunities.



### Incoming Water Conditioning & Quality Assurance

Stable foundation of controls to protect product quality, process performance, and asset reliability.



### Process Water Quality Performance

Optimized process to reduce quality and operational risk while maintaining performance, safety, and reliability.



### Thermal & Utility Water Performance

Scale, corrosion, and microbio control across boiler and cooling systems to optimize performance.



### Effluent Quality, Reuse & Compliance

Monitoring and flocculant mixing to ensure stable effluent treatment and regulatory compliance.



### Water Recycling & Materials Recovery

Custom-engineered equipment solutions that optimize costs and enable full-plant circularity.

**Accelerate the impact Water Circularity can have on your business. Contact your local Ecolab representative.**