

ASANTE SPECIALIST AND TRADING
PROJECTS

WATER SOLUTIONS

Biological-chemical and water-treatment
solutions for South African mining and
industrial operations

BUILDING SOLUTIONS. DELIVERING VALUE.



A local partner for operational challenges

Distribution, project coordination and technical engagement supported by Biodx technologies.

100%

black-owned South African business

LOCAL

commercial and project coordination

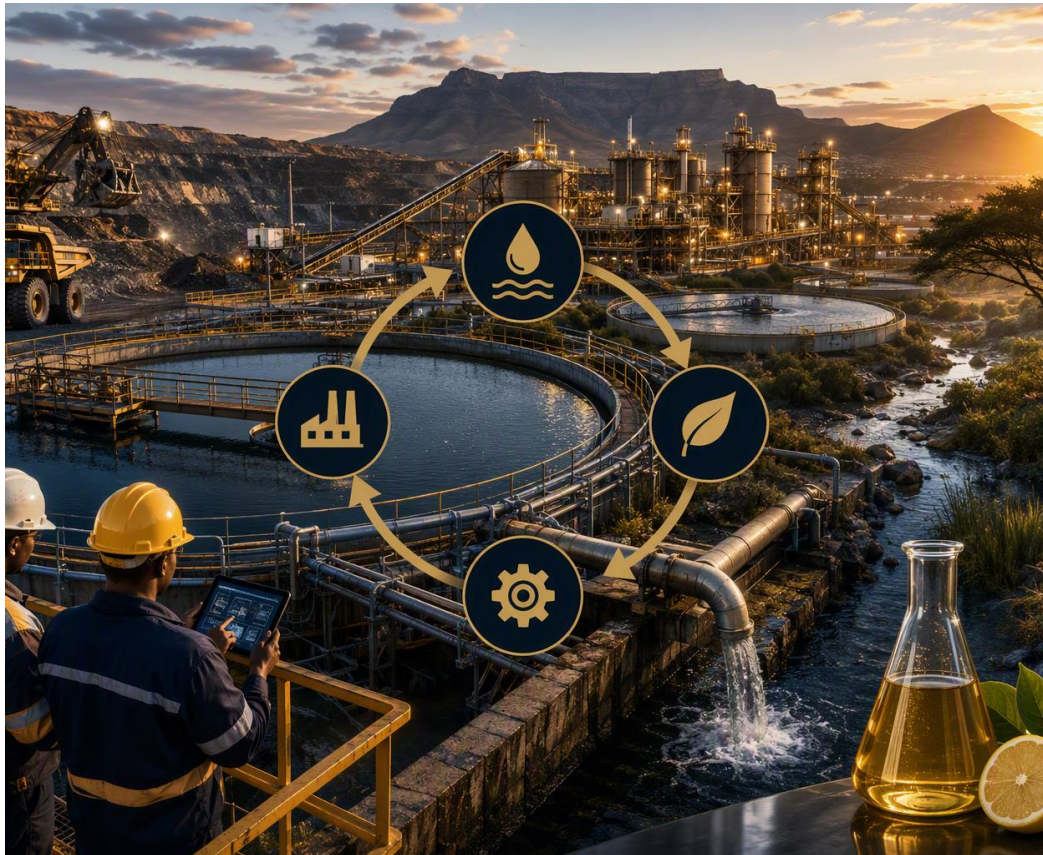
FOCUSED

on mining and industrial applications

ASTP combines client-facing commercial capability with access to biological-chemical technologies for water management and microbiological control.

Polluted water is both a risk and a strategic asset

Start with the operational problem, then define the most relevant technical pathway.



Water security

Recovery, recycling and reuse

Microbiological control

Adverse activity in industrial processes

Environmental performance

Effluent, discharge and ESG priorities

Plant efficiency

Reliability, maintenance and treatment costs

Biodx product platform

ASTP is an appointed distributor of Biodx biological-chemical products — supplying, coordinating and supporting the full range for South African mining and industry.

b bioactive™

Uses direct citrus extracts. Biodx materials describe it as robust, with a longer shelf life.

DECONT-A®

Uses selected refined citrus extracts and is positioned for large industrial applications with just-in-time dosing.

Cronodx®

A rapid diagnostic monitor referenced as under development for effluent and cooling-water contexts.

Product suitability, availability, dosing, compatibility and claims require current technical confirmation and site-specific validation.



Where a technical conversation can begin

Select a priority water stream or plant challenge for assessment.

01 Raw water

Pre-treatment of municipal or surface water

02 Process water

Reuse and recycling opportunities

03 Effluent

Treatment before discharge or reuse

04 Cooling systems

Microbiological and biofouling control

05 Tailings water

Recovery and environmental management

06 Plant hygiene

Targeted antimicrobial applications

Benefits that matter to clients

Potential value must be confirmed against the client baseline and agreed success measures.



Water security

Support recovery, recycling and reuse



Operational reliability

Focus on plant performance and continuity



Environmental alignment

Support compliance and ESG priorities



Cost visibility

Evaluate treatment and maintenance drivers



Local coordination

Single commercial point for engagement



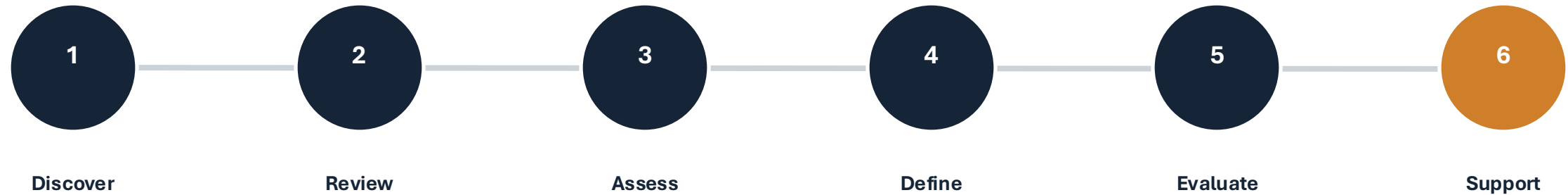
Pilot discipline

Defined baseline, scope and evaluation

MEASURABLE VALUE STARTS WITH A CLEAR OPERATIONAL PROBLEM.

From challenge to a defined pilot

A structured six-step route to technical and commercial clarity.



Discovery → technical review → site assessment → pilot definition → evaluation → supply and optimisation support

NEXT STEP



Select one priority application for technical evaluation.

Proposed 45-minute working session

- Operational challenge and current treatment
- Relevant Biodx product applications
- Information required for site review
- Potential pilot scope and success measures
- Agreed next actions

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