



Bio-Enzyme Technology Solutions

Atlantis Advisory Pvt. Ltd. delivers sustainable, enzyme-based waste and water treatment solutions. Our bio-enzymes are non-toxic, eco-friendly, and effective across multiple applications.

What Are Bio-Enzymes?

Natural Catalysts

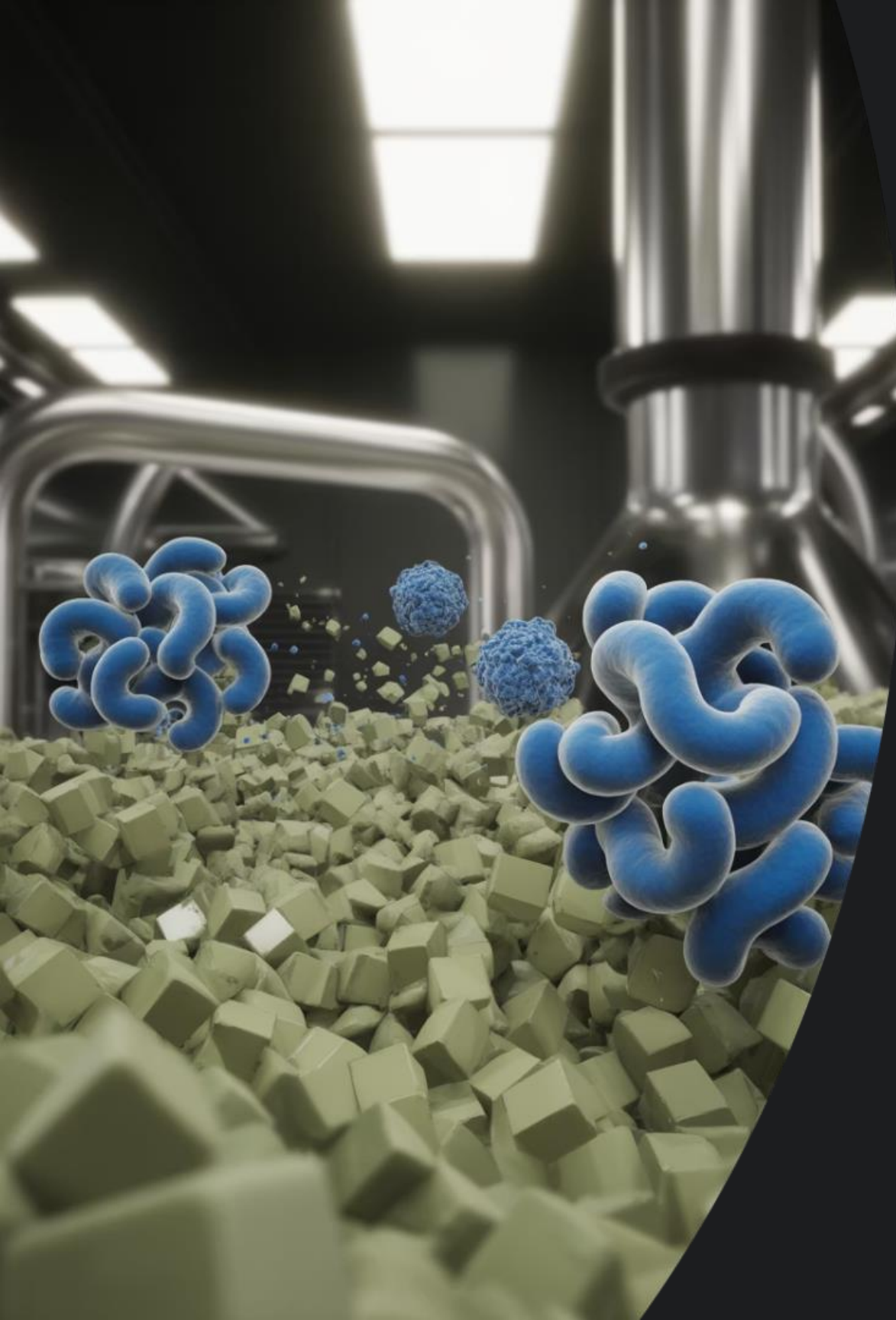
Bio-enzymes are natural proteins produced by living organisms that accelerate chemical reactions.

Highly Specific

They break down complex organic matter into simpler, harmless components without toxic residues.

Domain-Specific

Atlantis formulations target solid waste, grey/black water, aquaculture waste, and institutional discharge.



Solid Waste Management



Legacy Dump Remediation

Transform old waste dumps into usable land through accelerated decomposition.



Odor Control

Eliminate foul smells by breaking down odor-causing compounds at the source.



Composting Accelerator

Speed up organic waste conversion into nutrient-rich compost.



Waste Dump
Waste Syste

Restored
ecosystem

On the left, a large pile of waste is visible. On the right, the same area is now a lush green landscape with a paved path.

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Water Treatment Applications

STP/ETP Optimization

- BOD and COD reduction
- Sludge volume minimization
- Ammonia and phosphate control

Aquaculture Benefits

- Pathogen control
- Water clarity improvement
- Ammonia regulation

Water Body Rejuvenation

- Enzymatic desilting
- Ecosystem revival
- Rural water body restoration

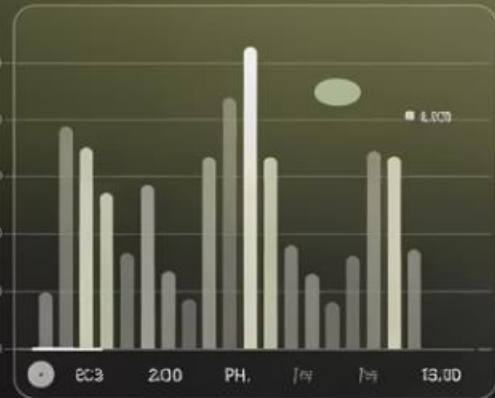


Water Quality Improvement Treatment Improvement

Water quality treatment

Turbidity Inertants

Dissolved Oxygen



Performance Metrics

89%

BOD Reduction

In treated water within 6–8 weeks
of application

60%

Cost Savings

Operational savings by reducing
chemical and sludge disposal
needs

Our Impact

320%

Output, Cor

40%

Detention Ph

7P

Output, Cor

4.39

Detention Ph

81

Output, Cor

1

Detention Ph

Output, Cor



75%

TSS Reduction

Documented reductions in total
suspended solids

Aquaculture Benefits

Reduced Mortality

Healthier fish with lower death rates

Higher Quality

Disease-free fish production



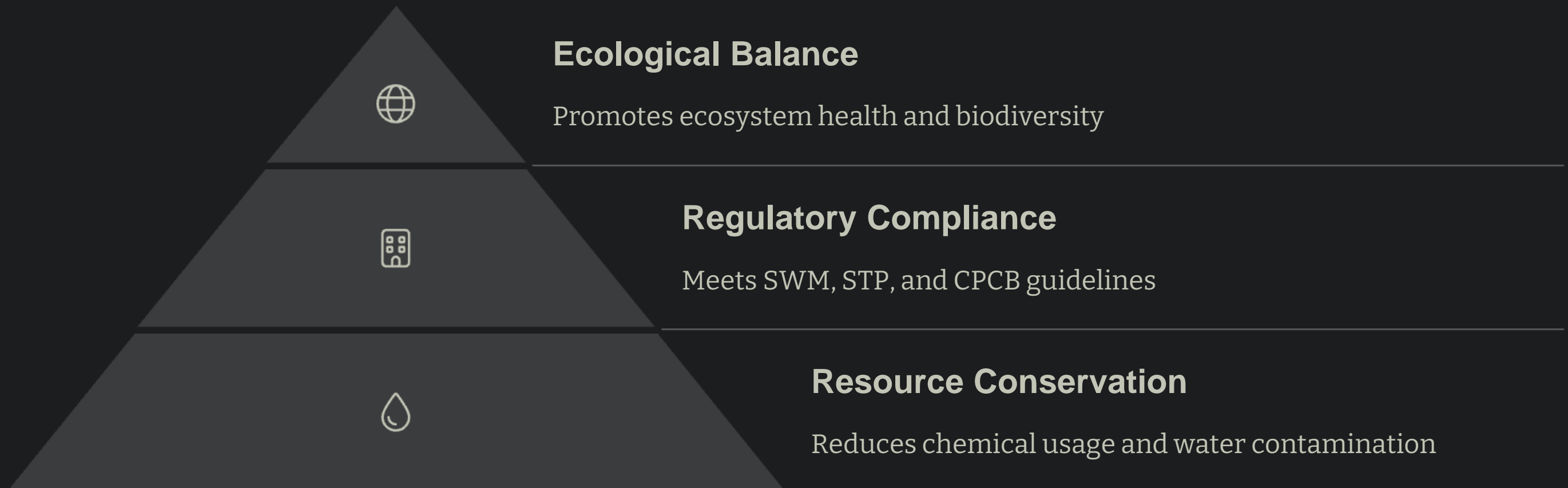
Shorter Cycles

Reduced fish production time

Better Water Quality

Clearer water with balanced parameters

Sustainability Impact





Deployment & Delivery

Product Selection

Available in liquid and powder form depending on end-use requirements.

System Integration

Pre-mixed or dosing-based integration with existing water treatment systems.

Support & Training

On-site training, documentation, and monitoring support provided as part of deployment.



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Reach out to us today to explore how Atlantis Advisory can transform your supply chain and drive sustainable growth for your business. Our team is ready to provide expert guidance and tailored solutions to meet your unique needs.