

BRIDGING THE DATA GAP IN WASTEWATER TREATMENT



Optimize your Operation & Save Money with AI and Machine Learning



80% of wastewater costs are energy related.



4% of gross domestic power usage is dedicated to Water Treatment.



56% of wastewater treatment plants are more than 30 years old.

Today's Tech Tackling Yesterdays Infrastructure

Cost Savings

Machine Learning algorithms can cut costs in every corner of your operation

Equipment Life

Real-time monitoring and predictive algorithms can prevent high-cost events like equipment failures

Environment

Better wastewater treatment improves water quality, reduces environmental footprint, enhances public health and sustainability.

Trends Impacting Costs

Industrial Inputs

Manufacturing plants to distilleries, new industry will change plant needs.



Irregular Weather

Rainy winters and unpredictable storms lead to higher rates of unanticipated municipal sewage discharge and increased stress on plant infrastructure.



Urban Sprawl

Population growth is contributing to higher demand on existing aging infrastructure and has an unpredictable effect on the cost effectiveness of an operation.



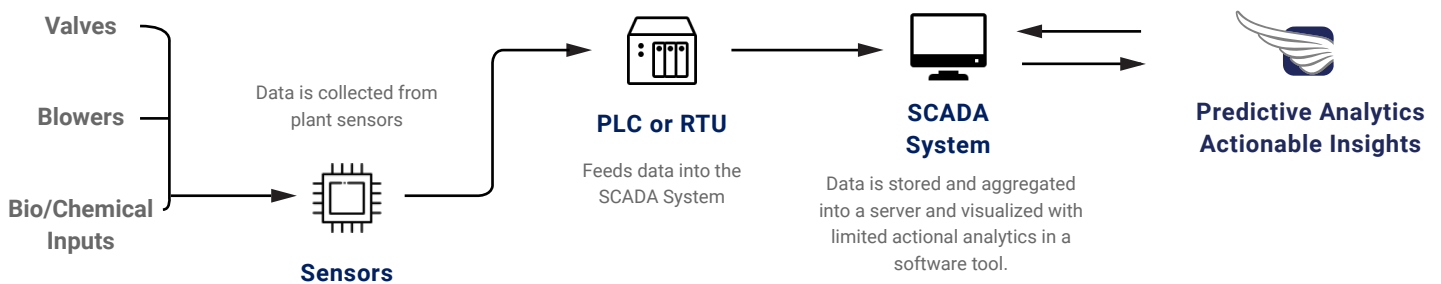
Regulatory Challenges

May require upgrades to existing plant equipment and additional treatment steps, leading to increased costs, longer processing times, and impact operational efficiency.

We expect these trends to accelerate in the coming years. With these challenges in mind, optimizing operations and equipment usage is essential.

Are you future proofing your operations with data analytics?

Custom AI/ML Integrated with your Systems



Freya's Data Team will bring you:

Small Scale Solutions that can Yield Large Scale Results

Minimize Equipment Wear and Tear
Regulatory Compliance

Systems Coordination
Reduced Ecological Impact

Reduced kWh Usage
Reduced Expenses

Actionable Insights

Our algorithms are specifically designed to cater to the unique requirements of your plant, providing Plant Operators with enhanced insights into their data, enabling them to anticipate and mitigate potential issues before they occur.

Freya's 5D's

DISCOVERY

Understand your operations pain points, available data.

DIAGNOSTICS

Data analysis defines project scope and identifies value areas.

DESIGN

Collaboratively co-create personalized data science solutions.

DELIVER

Integrate solution with environment, ensure seamless transition.

DELIGHT

90-day check-in ensures solution meets expectations.

ASK ABOUT OUR WASTEWATER FEASIBILITY STUDY



Be more Proactive instead of Reactive

SCHEDULE A CALL WITH OUR DATA EXPERTS

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