

Lifecycle Performance Management

Maximizing Uptime. Protecting Revenue. Enhancing Asset Value.



Biogasclean's Lifecycle Performance Management program delivers measurable financial impact for plant owners and investors.

With more than 400 installations worldwide and deep expertise in biological desulphurisation, we ensure your plant operates at peak availability - protecting revenue streams, reducing OPEX, and safeguarding long-term asset value.

Our approach integrates both preventive, and condition-based maintenance into a scalable performance framework designed to maximize Overall Equipment Effectiveness (OEE) and minimize downtime.

The Cost of Downtime

Downtime is a direct financial loss:

- Every hour of downtime results in lost gas production and potential grid penalties
- Reduced availability lowers revenue certainty and investor confidence
- Unplanned failures increase OPEX and accelerate asset degradation

Lifecycle Performance Program - Measurable Impact

Our program safeguards your investment by delivering:

- Reduced unplanned downtime
- Increased annual plant availability
- Extended equipment lifetime
- Lower OPEX through optimized biological performance

Core Building Blocks

- 24/7 Support
- Remote Monitoring
- Plant Condition Analysis (PCA)
- Training Academy
- Genuine OEM Parts



Parts & Service Lifecycle Management

24/7 Support: Immediate Response, Revenue Protection

Unplanned stops are costly. Biogasclean's 24/7 support ensures rapid recovery.

What we deliver:

- Fast troubleshooting to minimize production loss
- Dedicated remote support for immediate issue resolution
- Direct access to OEM engineers with system-specific expertise

Commercial impact:

- Shorter downtime events
 - Reduced risk of contractual penalties
 - Higher annual gas output and revenue stability
-

Remote Monitoring – Predictive Insights, Higher Availability

Our secure remote monitoring platform provides real-time visibility into plant performance.

Capabilities:

- Secure remote access & surveillance
- Data-driven process optimization
- Machine learning-based performance insights
- Certified and safe data handling

Commercial impact:

- Early detection of deviations
 - Reduced failure rates through predictive maintenance
 - Optimized biological performance and higher methane yield
-

Plant Condition Analysis (PCA) – Protect Your Long-Term Investment

A PCA provides a full infeed-to-outfeed assessment of plant condition, performance, and risk profile.

Recommended for:

- 24/7 biomethane production facilities
- Aging installations
- Plants with fluctuating feedstock or operator turnover

What you gain:

- Clear visibility of maintenance and upgrade needs
- Structured CAPEX and OPEX planning
- Extended equipment lifetime
- Stable, predictable performance

Commercial impact:

- Reduced risk of major failures
- Lower total cost of ownership
- Increased asset value

Parts & Service Lifecycle Management

Training Academy – Operator Performance = Plant Performance

Operator competence is a key driver of uptime.

We provide:

- On-site and online training
- Hands-on system demonstrations
- Best-practice operational guidance
- Predictive maintenance training

Commercial impact:

- Fewer operator-related stoppages
 - Higher process stability
 - Improved asset utilization
-

Genuine OEM Parts – Critical Risk Mitigation

Using non-OEM components introduces operational and biological risk.

Why OEM parts matter:

- Guaranteed system compatibility
- Proven performance across 400+ installations
- Reduced failure risk
- Faster replacement and minimized downtime

Commercial impact:

- Avoidance of costly failures
- Maintained warranties and performance guarantees
- Protection of uptime and revenue continuity

We recommend maintaining a critical spare parts package to eliminate lead times and prevent minor issues from escalating into major losses.

Parts & Service Lifecycle Management

Why Biogasclean Service?

We are not just a service provider — we are your long-term performance partner.

What sets us apart:

- OEM expertise: We design and understand every system detail
- Combined biological and mechanical know-how
- Proven performance across 400+ global installations
- Predictive, data-driven service approach
- Scalable support model for single sites and multi-plant portfolios

Why Investors Choose Biogasclean

- Higher availability drives increased EBITDA
- Lower OPEX improves margins
- Reduced technical risk enhances asset valuation
- Long-term stability ensures predictable returns

Service Level Agreements (SLA)

Clear Commitments. Measurable Outcomes.

A structured SLA ensures consistent, high-performance plant operation year after year.

Typical elements include:

- Guaranteed response times
- Defined availability targets
- Scheduled preventive maintenance
- Remote monitoring and reporting
- Annual PCA
- Spare parts strategy
- Operator training programs

Summary:

We deliver measurable uptime, predictable revenue, and long-term asset protection.

- Maximized availability through proactive and predictive maintenance
- Reduced downtime with 24/7 OEM support and monitoring
- Optimized biological performance for increased methane yield
- Lower OPEX through data-driven optimization
- Extended asset lifetime through PCA and OEM parts
- Stronger financial performance for owners and investors

Biogasclean is the partner of choice when uptime, revenue protection, and long-term asset value are critical