



Total Sustainability and Operational Hyperautomation

Discover the intelligent ecosystem that turns your energy consumption from a blind cost into your greatest competitive advantage.

MAKING THE VISIBLE POSSIBLE

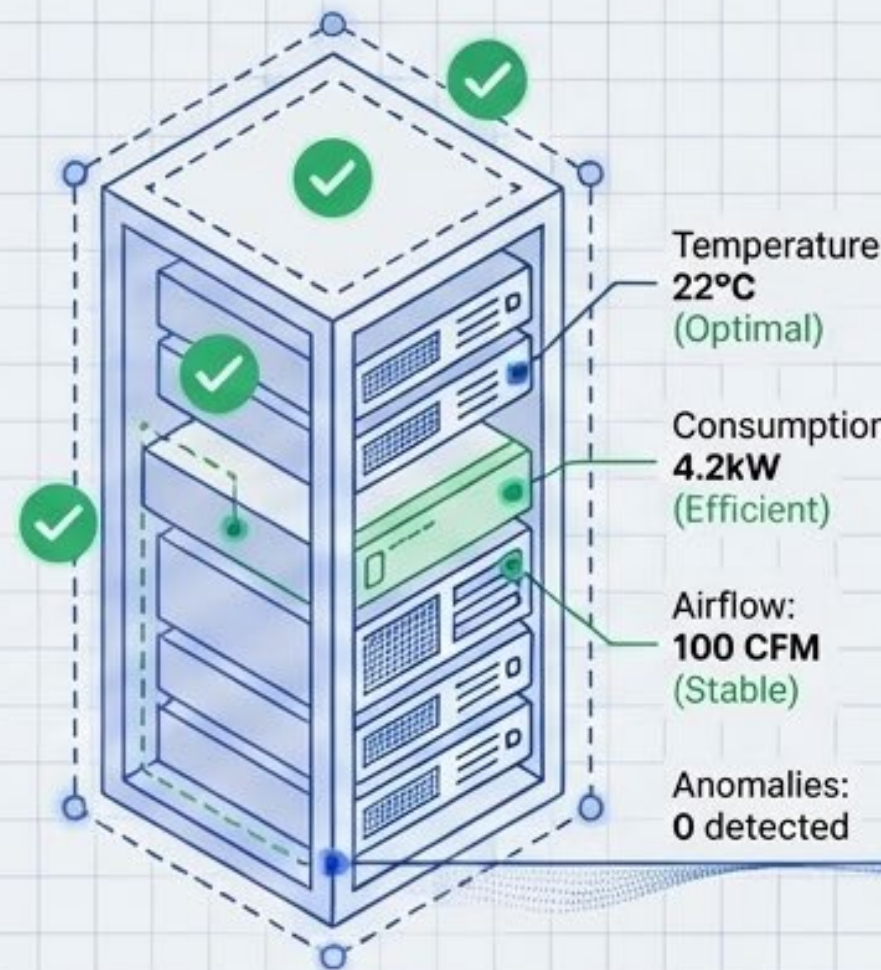


How much money would your business lose due to an unexpected energy anomaly?

In modern industry, uninterrupted availability and efficiency are no longer optional. Lack of visibility into your energy sources and critical environmental variables directly impacts:



BLIND OPERATION
(Without Visibility)



MONITORED OPERATION
(Full Visibility)



1. Business Continuity: Risk of unplanned interruptions.



2. Economic Profitability: Payment for non-useful and excess energy.

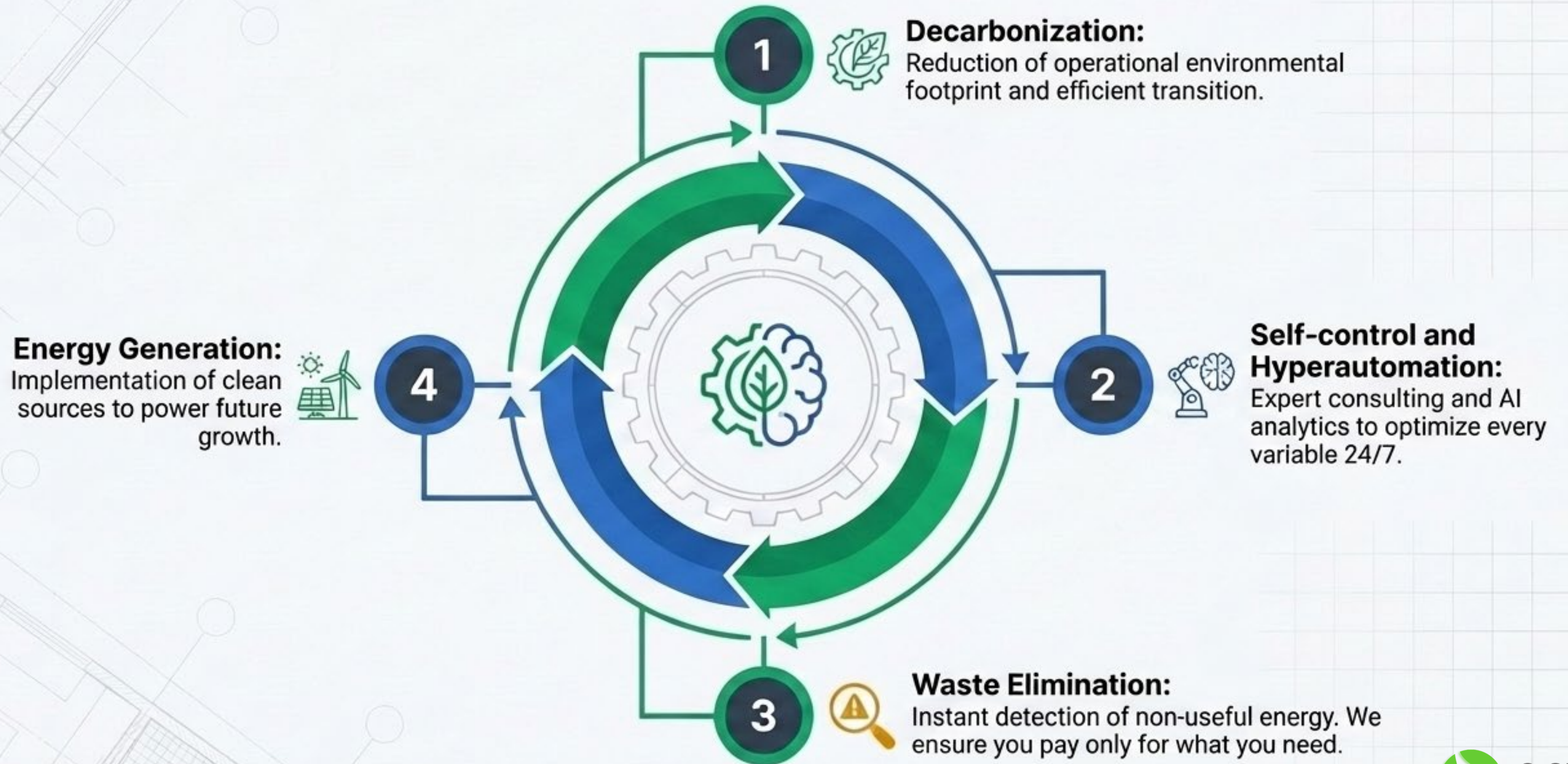


3. Sustainability: Inability to achieve Net Zero balance.

The end of blind consumption

	Traditional Operation	Q-Group Intelligent Operation
Visibility	Opaque monthly bills.	Real-time 24/7 multinodal monitoring.
Cost Management	Fixed and uncontrollable costs.	Zero tolerance for hidden energy waste.
IT Maintenance	Reactive post-system failure.	Proactive intervention for environmental anomalies.
Sustainability	Inaccurate carbon footprint estimates.	Precise data aligned with IPMVP and ISO 5001 protocols.

The Continuous Cycle of Energy Metamorphosis



Scalable Architecture for Critical Ecosystems



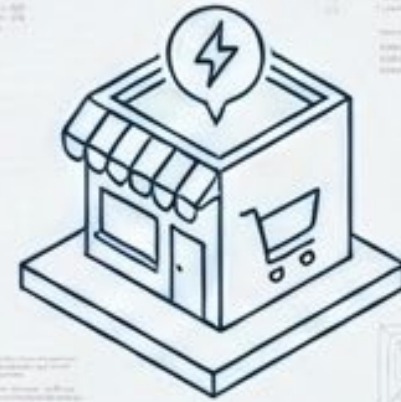
IT & Data Centers

Uninterrupted operations.
Anticipation of critical environmental failures.



Industry

Unstoppable profitability.
Reduction of operating costs and CO2 emissions in manufacturing processes.



Retail

Efficiency per square meter.
Real-time monitoring to protect every kilowatt of your brand.



Hospitality (Horeca)

Frictionless optimization.
Management of water, gas, and electricity that protects the customer experience.

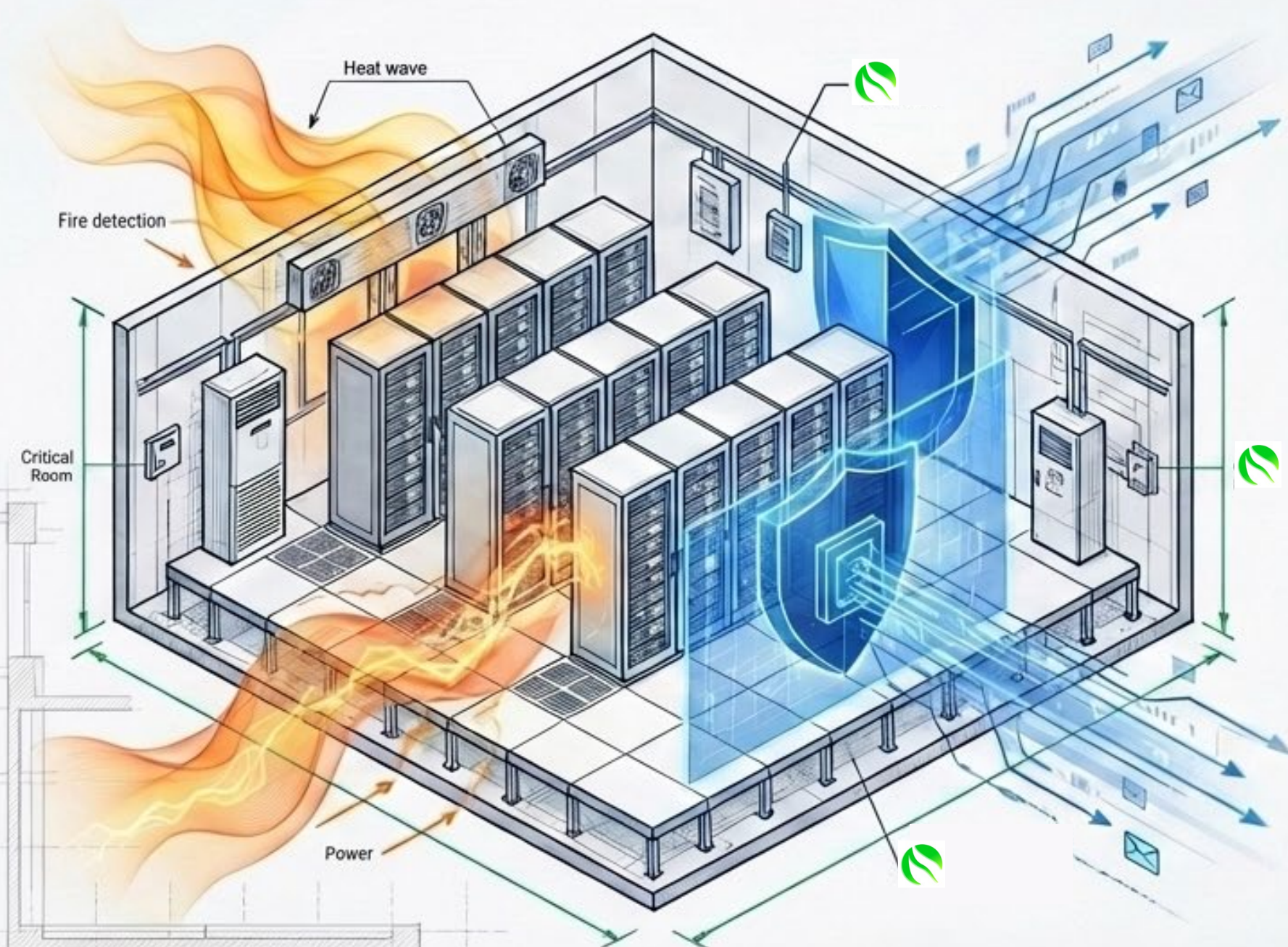


Multi-Unit Properties

Intelligent infrastructure.
Integration of vehicle charging and balancing of residential costs.

Active Protection for Mission Critical

We drive continuous improvement in IT service quality, leaving a data warehouse that facilitates analyzing daily consumption and environmental variables.



Main Objective:

Timely control and notification of physical or electrical events that affect operational continuity.



Risk Detection:

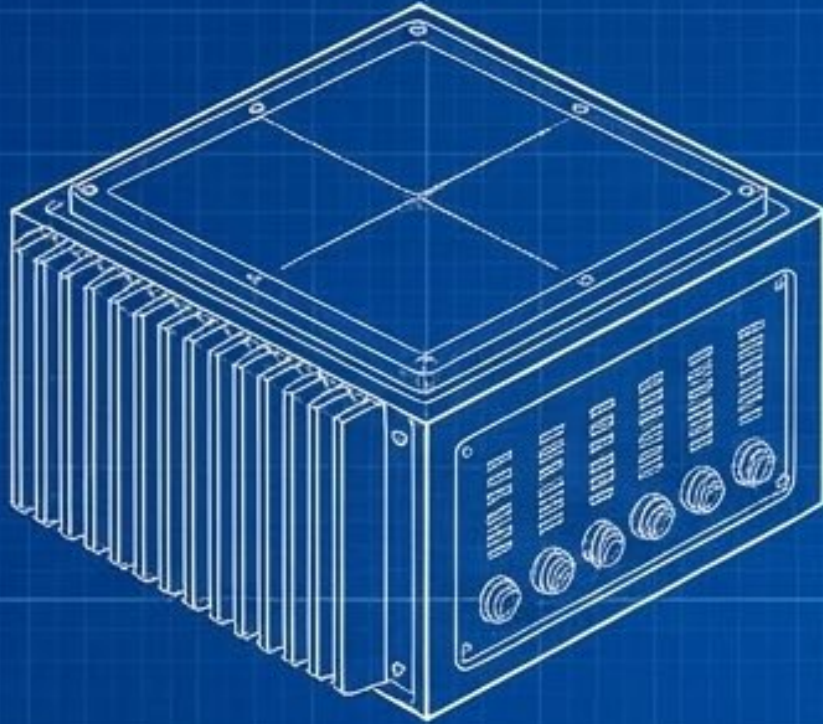
Strict monitoring of temperature, humidity, lighting, and power quality (three-phase analyzers).



Immediate Action:

Early warning to eliminate incidents before they cause system crashes.

Integral Architecture: From Sensor to Decision



EDGE (IaaS)



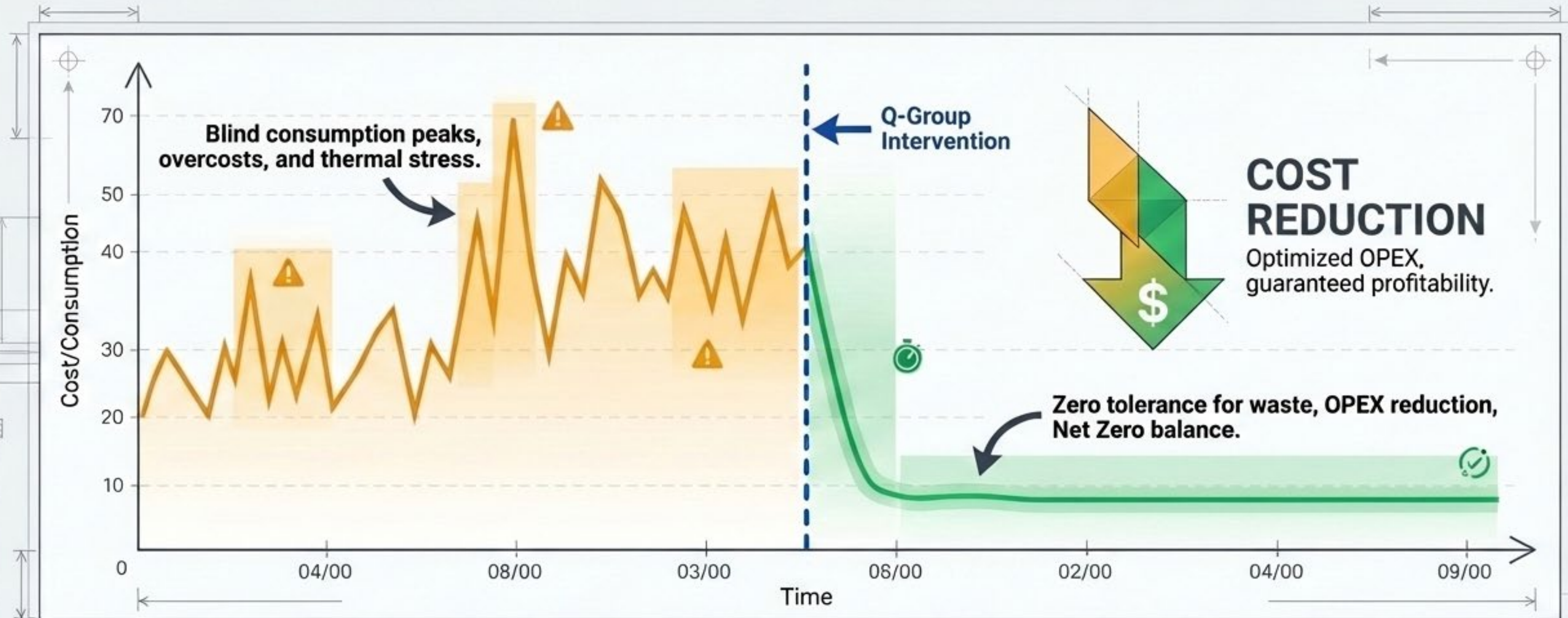
CLOUD (SaaS)

- Total Q-Group hardware provisioning.
- Prometheus enclosure and Daisy-chain extension.
- Physical and electrical variable sensors.
- Secure and redundant communications.

- Web digital brain and Big Data logging.
- AI processing and predictive analytics (P.S.C V.2).
- Android mobile application for remote real-time visualization.
- Immediate notification and intervention protocol.

Definitive Elimination of Energy Waste

We don't just measure; we diagnose the health of your network to identify and suppress inefficient energy, ensuring that your company only pays for the strictly necessary resource.

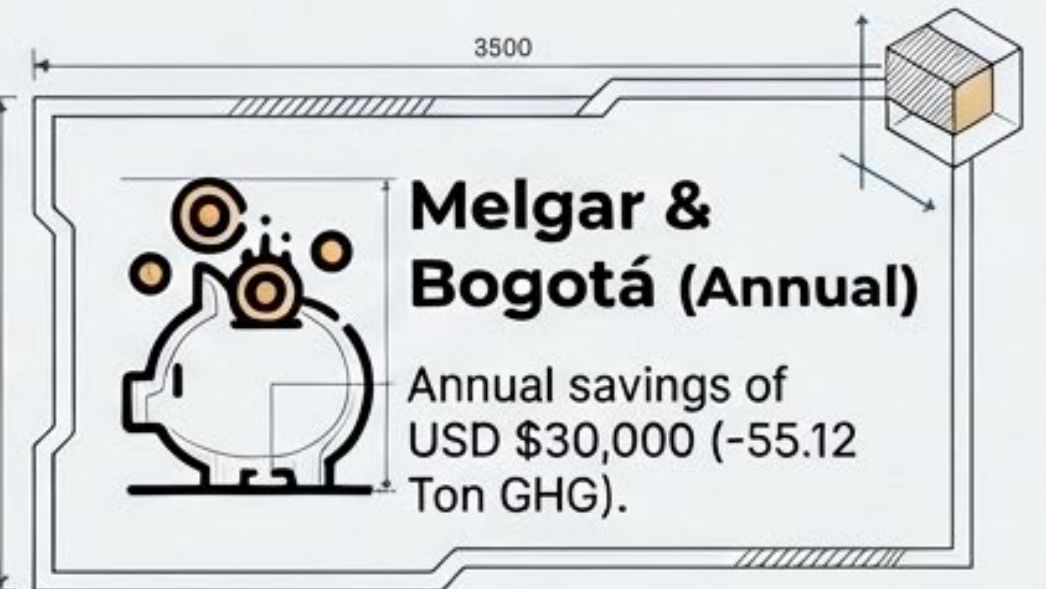
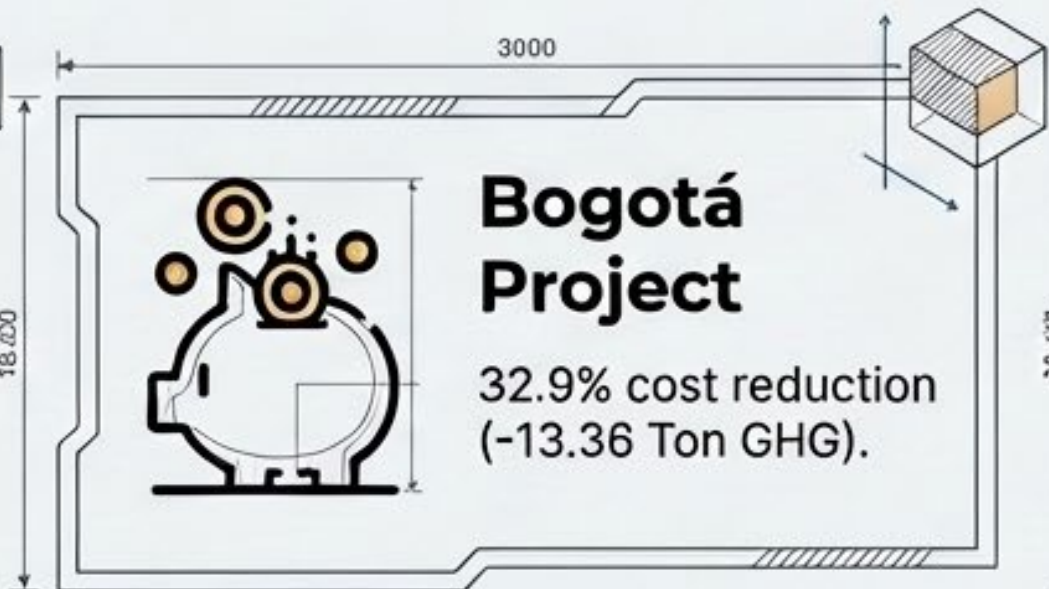
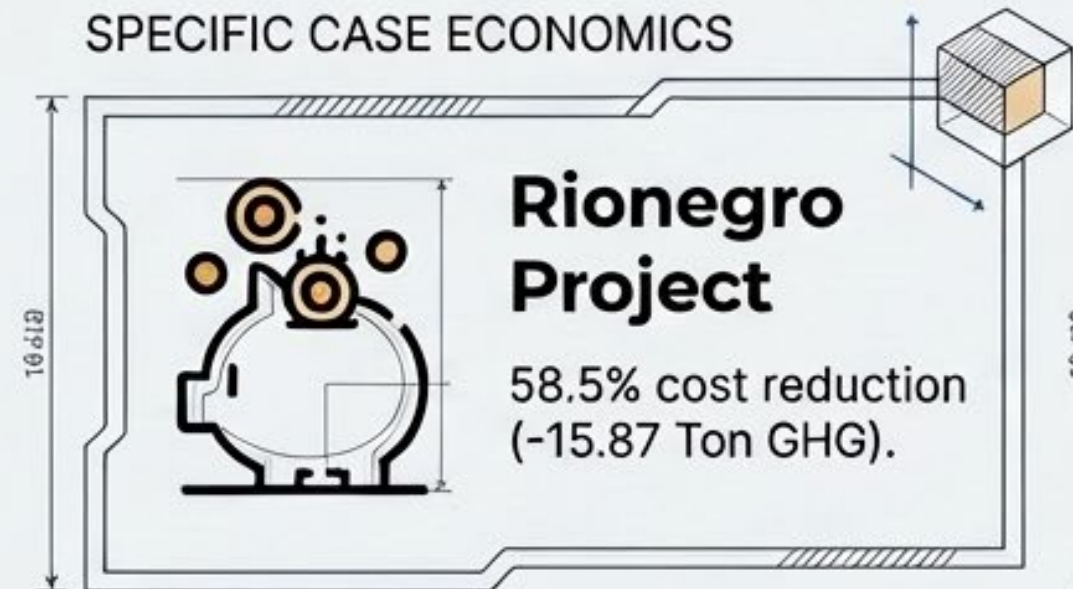


Results based on tangible findings

MACRO IMPACT



SPECIFIC CASE ECONOMICS



Regional Expansion and Internationalization

Projects successfully installed, controlling mission-critical processes throughout the region.

- Colombia
- Ecuador
- Costa Rica
- El Salvador
- Guatemala
- Honduras
- Puerto Rico



The Paradigm of Total Sustainability




The reliability of your operation, the reduction of your costs and the fulfillment of your ESG goals are not separate objectives. They are the result of a single variable under total control.





Making the impossible, the best we do.

We transform operational uncertainty into mathematical certainty. The future of energy control has arrived.

Total Control, 24/7.
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