



ENVIRO-EXPERTS
GÉNIE-CONSEIL

STRATEGIC PARTNER

IN INDUSTRIAL ENERGY PERFORMANCE

Enviro-Experts supports industries in improving their energy performance, reducing costs and decarbonizing their operations.



OUR INDUSTRIAL SERVICES



1 INDUSTRIAL ENERGY AUDITS (ASHRAE I, II AND III)

- Diagnosis of uses, processes and utilities
- Savings, prioritization and financial analyses



2 PROCESS ENERGY OPTIMIZATION

- Performance, productivity and operational control
- Reduction of losses, deviations and variability



3 HEAT INTEGRATION AND RECOVERY

- Analysis of heat flows and recovery opportunities
- Optimization of steam, condensate and thermal networks



4 DECARBONIZATION AND ELECTRIFICATION

- GHG assessments and transition roadmaps
- Electrification of processes and utilities



5 INDUSTRIAL REFRIGERATION

- Refrigeration system audits and control optimization
- Reduced leaks, losses and operating costs



6 ENERGY MONITORING AND CONTINUAL IMPROVEMENT

- Sub-metering, EnPIs and drift detection
- M&V (IPMVP/CMVP) and ISO 50001 integration



7 ENERGY MANAGEMENT SYSTEM – ISO 50001

- Implementation, documentation and training
- Energy reviews and continual improvement



8 ENERGY REPORTING AND COMPLIANCE

- Mandatory reporting and regulatory compliance
- Support during verifications



9 AUTOMATION AND ADVANCED CONTROL

- Instrumentation, DCS, PLC, SCADA and control
- Optimization of control sequences and loops



10 TECHNO-ECONOMIC ANALYSES

- Feasibility, scenarios and life-cycle analysis
- ROI, business cases and decision support



11 GRANTS AND FINANCIAL INCENTIVES

- Identification of programs and eligibility
- Applications, technical support and maximization of incentives



12 INDUSTRIAL R&D AND INNOVATION

- Development, prototyping and validation
- Clean technologies and advanced processes



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