



SUSTAINABLE SOLUTIONS FOR HIGH-PERFORMANCE BUILDINGS

MULTIRESIDENTIAL • COMMERCIAL • INSTITUTIONAL

Enviro-Experts supports owners and managers in improving building energy performance, reducing costs and decarbonizing their assets.



OUR BUILDING SERVICES



**1. ENERGY AUDITS AND
DIAGNOSTICS
(ASHRAE I, II AND III)**

Energy-use analysis and
prioritization of efficiency
measures



**7. ENERGY MANAGEMENT
SYSTEM – ISO 50001**

Implementation, energy review
and continuous improvement



**2. ENERGY MODELING,
SIMULATION AND
APH SELECT / CMHC**

eQUEST, HOT2000, RETScreen
and performance scenarios



**8. BENCHMARKING,
CERTIFICATIONS AND
ENERGY REPORTING**

ENERGY STAR, LEED, BOMA BEST
and regulatory compliance



**3. HVAC, VENTILATION AND
DHW SYSTEM PERFORMANCE**

Optimization, modernization,
comfort and indoor air quality



**9. COMMISSIONING AND
RETROCOMMISSIONING**

Commissioning, functional
optimization and deficiency
correction



**4. DECARBONIZATION AND
GHG REDUCTION**

Carbon assessments, electrification
and transition roadmaps



**10. BAS, AI, IoT AND
ADVANCED CONTROL**

Automation, trend analysis
and predictive maintenance



**5. RENEWABLE ENERGY,
STORAGE AND MICROGRIDS**

Solar, geothermal, biomass and
energy integration



**11. GRANTS, FEASIBILITY AND
TECHNO-ECONOMIC ANALYSES**

Eligibility, application support,
ROI and decision support



**6. ENERGY MONITORING AND
CONTINUOUS IMPROVEMENT**

Sub-metering, dashboards, EnPIs,
M&V and drift detection



12. ENERGY R&D AND INNOVATION

Development, prototyping and
validation of advanced solutions



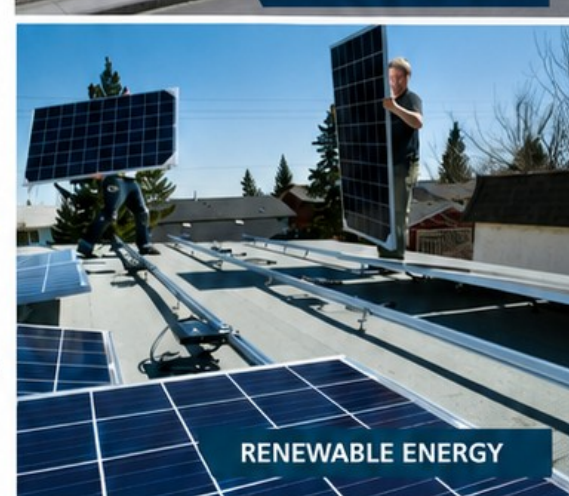
MULTIRESIDENTIAL



COMMERCIAL



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RENEWABLE ENERGY





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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