



PROECO™ Corporation

Sustainable Solutions

PROECO™ Corporation is the business development and marketing arm of Custom Environmental Services Ltd., a fully licensed and approved recycling and disposal facility. Our strong commitment to customer service is backed by our committed effort to protect the environment. PROECO™ is proud of our innovative waste recycling programs and continually raises the bar when it comes to excellence in waste reduction and re-use technologies.

Our team is comprised of the most experienced and highly trained individuals in the industry and we are all prepared to meet and exceed your expectations.

Depend on us for all your waste management needs from initial waste audits, full service waste packaging, transport and final recycling or disposal. PROECO™ Corporation offers you access to the largest network of disposal and recycling facilities throughout North America. Our facility, located in Edmonton, Alberta, Canada is capable of assisting you with the disposal and/or recycling of all waste classes, with the exception of explosives and radioactive material.

We are the leader in the development of new technology for the recycling of your waste materials, offering affordable and industry-first recycling options.

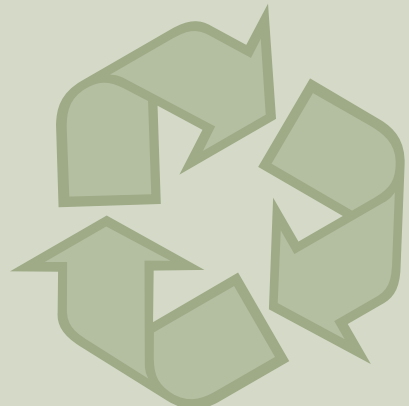
Our approved in-house waste recycling processes include:

- Aerosol depressurization and recycling using our Bioreactor unit
- Fluorescent tube recycling
- Flammable solids recycled through our cogeneration process
- Flammable liquids prepared for alternate fuels
- PCB contaminated electrical equipment

Other material that can be recycled through our facility

- Corrosive liquids and solids
- Contaminated/non-contaminated plastics and wood
- Chlorinated solvents
- High pressure gas cylinders
- Perchloroethylene (dry-cleaning waste)
- Oil and glycols

DISPOSAL AS A LAST OPTION



Environmental Consulting



Your **One Stop** for Environmental Solutions

Our staff is aware that commercial building and property transactions are time constrained and we are willing to meet your demanding time deadlines.

At PROECO™ we utilize reliable, fully certified third party laboratories to ensure that environmental samples are analyzed accurately and efficiently. We have both the equipment and the manpower to quickly act and respond to all of your contaminated site, investigation, or remediation needs.

Seventeen years of extensive experience equips us with the capability to provide comprehensive environmental consulting services to our clients. We are able to provide environmental investigation and remediation services, including Phase I, II and III environmental assessments. All of our Phase I environmental assessment reports are completed and based on the established CSA Z768-94 guidelines and have been used and approved by the majority of the financial institutions in Canada.

Contact PROECO™ Corporation today and allow us to provide you with exceptionally reliable, timely, professional and personal service.



Fluorescent Tube Recycling



Another Bright Idea

For over ten years our program of fluorescent tubes recycling has exceeded regulatory requirements. PROECO™ continues to be aware of the growing demand from environmentally proactive commercial and industrial facilities to keep mercury contaminated waste/debris out of municipal landfills.

We are pleased to offer our fluorescent tube-recycling program to all of our clients throughout North America. PROECO™ can deliver all the necessary supplies and services to ensure that your tubes are safely packaged, transported and recycled.

Our 3 Step Approach to Fluorescent Tube Recycling

Pre Step: Supply containers, labels and assurance contracts

1. ·Fluorescent Tube Receipt
 - Inspection
 - Temporary Storage
2. ·Transfer to Processing Area
 - Lamps are inserted into a self-contained lamp crushing unit
 - All dust is collected in a 'High Efficiency Particle Air' (HEPA) filtration system
3. ·Crushed glass is sent to a retort for mercury recovery
 - Aluminum end caps are separated and recycled

PROECO™ Corporation continues to be a leader in recycling technology in the waste management industry. Contact us today, let's work together to keep fluorescent tubes out of municipal landfills.

We are partnered with the '**ALBERTA ENVIRONMENT'S ACTION ON WASTE PROGRAM.**'



Bio Reactor™ Bio-Filtration System



The Solution to VOC & Odor Emissions

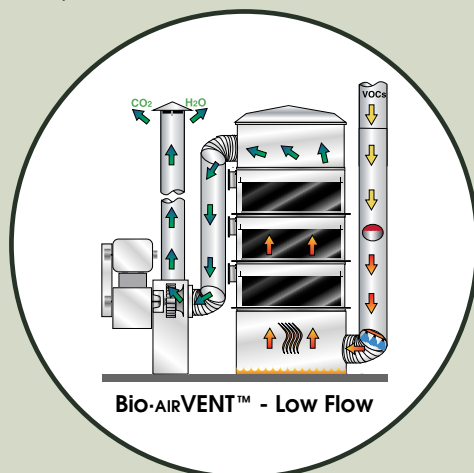
PROECO™ is proud to bring you the Bio-Reactor™ Biofiltration System. This process uses Biotrickling Humidification and a patented, proprietary compost based Bio-Matrix media that results in both odor reduction and VOC treatment.

Using modular systems with 'low air flow/high concentration' and 'high air flow/low concentration' capabilities bring considerable savings and quick return on investment over conventional treatment systems. Air flows from 50 cfm to 10 000 cfm are available as well as engineered designed systems in excess of 10 000 cfm.

Reduce Greenhouse Gases, benzene emissions, and control odor problems with a low cost, energy efficient system designed and engineered to suit your custom application.


Benefits

- Lower Capital Cost than Alternative Technologies
- Small Footprint, Modular & Expandable Design
- No Activated Carbon Regeneration
- Decentralized VOC Treatment
- Low O&M - Easy to Operate
- Low Energy Use
- No By-products
- No NOx/SOx



Applications

- Paint & Coatings Applications
- Chemical Process Vents
- Wastewater Facilities
- Lift Station Pump Houses
- Nuisance Odors
- Press Vents/Process Vents
- Dryers
- Bag Filters
- HVLC Emissions
- Odor Emission Sources
- Chemical Process Tanks & Vents
- Pharmaceutical
- Aerosol Propellants
- Benzene (Dehydrating Applications)
- Sulphur Compounds (Odor + H₂S)
- Mobile Systems
- Plant Shut Downs/Turnaround (Rental Systems)
- Biogas

In Association with:  BIO-REACTION INDUSTRIES

PROECO™ Waste to Energy



Turning Waste into Something Powerful

Who would have believed it? The possibilities are endless when PROECO™ turns your hazardous waste material into energy. Using a patented, simultaneous dual fuel system PROECO™ can extract volatile compounds from solids and turn them into electrical and mechanical power, as well as generating usable heat! Reduce off site disposal costs by diverting hazardous waste from incineration and make it a valuable resource... enjoy significant green house gas reduction as well.

Some typical waste materials that can be used as fuels are:

HYDROCARBONS AS VAPORS

- Benzene - Toluene
- Ethyl Benzene - Xylene
- Propane
- Varsol - Kerosene
- Diesel - Jet Fuel
- Other Hydrocarbons up to C₁₂

ALCOHOLS

- Ethanol
- Methanol
- Isopropanol

OTHERS

- Acetone
- Methyl Ethyl Ketone
- Butanone
- Biogas
- Landfill Methane

Some typical applications benefiting from this technology are:

APPLICATIONS

- Solutions Vents - Flare Stack
- Land Fill - Methane Control
- Tank Degassing
- Distributed Power Systems
- Waste Water Treatment
- Debris, Sludge Treatment
- Soil Remediation
- Agricultural Applications
- Biogas



Energy_{from}
Hazardous Waste

International Waste Disposal



Going the Distance is Our Specialty

PROECO™ Corporation is experienced in the management of International Hazardous Waste. We are able to handle all aspects of seeing that your hazardous waste will conform to all international as well as domestic laws. All facilities we use are approved and licensed to handle all materials sent to them for recycling or destruction.

PROECO™ offers a comprehensive and complete service:

- International Trade Partnership Program for waste management facilities
- Contracts
- International Financing
- Insurance
- Inspections & Surveyors Certificate of Compliance
- Site Services & equipment (Cranes, Labour etc.)
- Removal and Packaging of Hazardous Wastes for Shipment
- Specialty Packaging (crating)
- Blocking and Bracing of Material in Shipping Containers
- Supply of appropriate Dangerous Goods Placarding
- Manifesting and Completion of all required Dangerous Goods Documentation
- Spill Containment and Emergency Response Plans
- Transportation arrangements from the clients site, to the dock & delivery of materials to the final disposal facility
- Arrangement for Ocean Freight & Customs Clearances
- Receivers are Fully Licensed and Permitted to accept wastes and specific waste types



Responsible
Sustainable
Solutions