

# 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 C<sub>12</sub>

### 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<sub>from</sub>  
Hazardous Waste