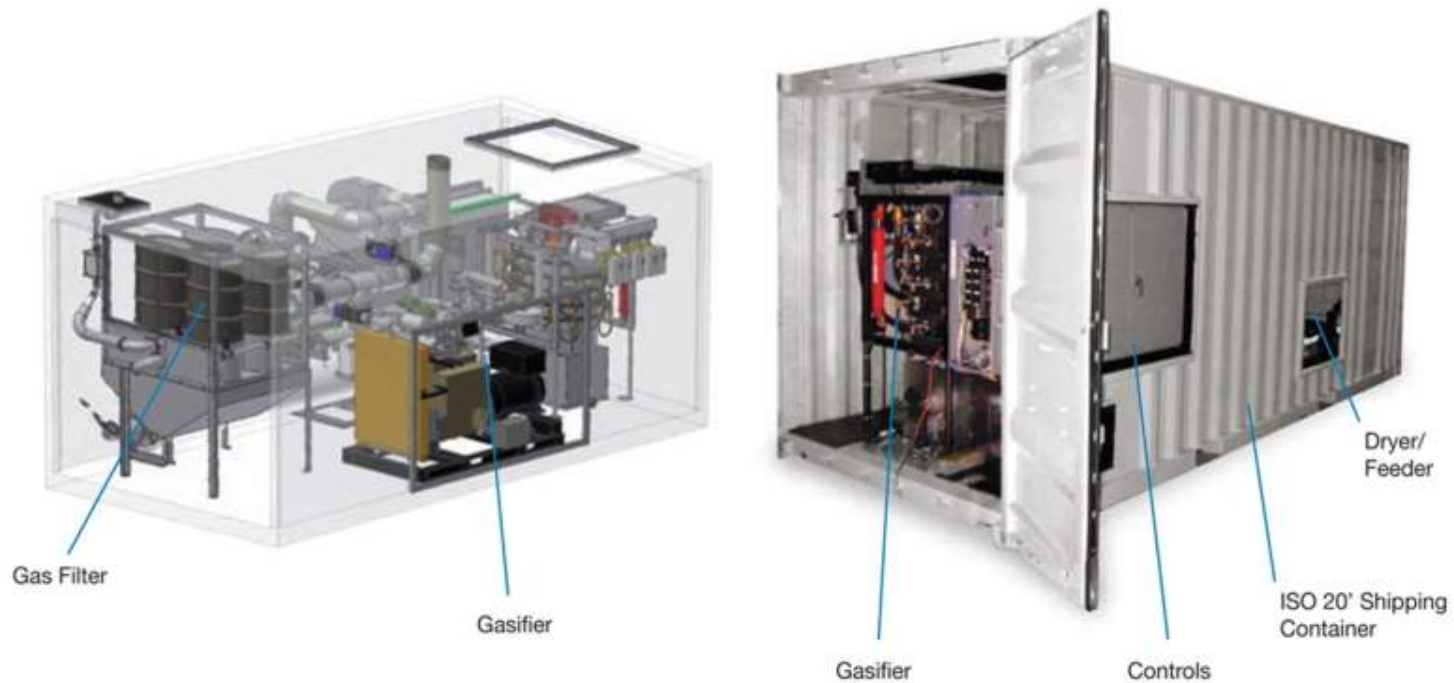




## MEWEPS - Mobile Encampment Waste to Electrical Power System



# MEWEPS: System Components



# MEWEPS Project Objectives

## Energy Conversion System

- That can be deployed to convert Military Encampment Waste to Electrical Power (MEWEP) or liquid synthetic fuel

## Capability

- Accept 2,400 pounds per day of *military encampment waste* including paper, fiberboard, plastic and some food
- Produce *synthetic gas* capable of being converted to liquid synthetic fuel or directly supplied to a standard military Tactical Quiet Generator
- Produce *electrical power* using a 30 kW (minimum) TQG continuously and exporting to an EPCC system or operating as a stand alone asset.

## Project Schedule and Budget

- Design, build, test/deliver MEWEPS module to NEC – **by January 2009**
- Testing at NEC **January – June 2009**
- Testing at SANGB (or other facility) **June - September 2009.**
- Administered as a TARDEC / NAC line item.