

ACME BLUF Example

This technology assists in minimizing the waste stream while simultaneously offsetting the cost by producing a combustible gas. A pyrolysis method is incorporated with additional features to process a flexible waste stream, which can include hazardous and medical waste without sorting. All pathogens are eliminated and any associated hazardous materials are rendered inert. The result is a non-hazardous by-product and a clean syngas, which can be utilized directly, or further processed within the system to generate electricity and heat. This technology is at a Technology Readiness Level 8 and addresses the DoD requirements need for Waste to Energy.