Encountering Innovation 2024 Conference BLUF

**ACME Company**

**Title Name for your Technology, Product, or Service**

**Flexible Feedstock Waste-to-Energy Conversion System**

**BLUF**

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.