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Waste Analysis and Strategies for Transportation End-uses: U.S. Department of Energy Announces Competitive Grant Award for City of Berryville, Arkansas Project

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The United States Department of Energy's ("DOE") Bioenergy Technologies Office and Vehicle Technologies Office issued a January 10th news release announcing \$6.9 million in funding for:

...nine projects to support local waste-to-energy management solutions for transportation energy needs.

The City of Berryville, Arkansas' waste-to-energy project (labeled, "SMRF") was one of the nine selectees.

The City of Berryville Mayor is Tim McKinney and project directors include:

- Mr. Tim Waggoner.
- Dr. Susan P. Rupp.

DOE states that the selected projects will:

...help sustainably manage and recover potential clean energy sources from local community waste streams using innovative and cost-effective technologies to produce low-carbon biofuels.

DOE also notes:

- Organic waste streams from food waste, municipal wastewater sludge and solid waste are "a key feedstock for producing biofuels and bioproducts".
- Such waste streams are described as representing one of the largest sources of greenhouse gas emissions and contribute to water, soil and air quality pollution.
- Waste management costs for treatment, stabilization, hauling, and disposal are described as "considerable".
- Waste management can contaminate soil and water.

The stated purpose for the funding is to support local communities' efforts to plan and identify waste-to-energy solutions for their waste streams.

Berryville has been awarded \$745,932.00 to:

...evaluate the establishment of primary and secondary materials recovery facility infrastructure to enable more efficient municipal solid waste separations and eventual conversion to fuels (renewable natural gas, methanol, and hydrogen).

Project SMRF, it is described as establishing “virtual landfills and transportation alternatives to address existing municipal solid waste and landfill constraints in Northwest Arkansas.

A copy of the DOE news release which describes Berryville’s grant, and the eight others can be downloaded [here](#).