

SonoAsh Engineered Materials Ltd. Waste to Value Mandate receives support from the US DOE

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For Immediate Release:

SonoAsh Engineered Materials Ltd. (SonoAsh) is pleased to announce its participation in the United States Department of Energy Manufacturing and Energy Supply Chains (MESC) Advanced Manufacturing program.

MESC serves as the frontline of clean energy deployment, accelerating America's transition to a resilient, equitable energy future through a \$20 billion investment fund focussed on manufacturing capacity and workforce development.

MESC develops and provides the analytical tools that help to inform programs and investments across DOE and the U.S. Government. This program also provides access to in-kind advanced engineering resources from National Renewable Energy Laboratories (NREL) for the evaluation and front-end engineering design (FEED) work needed to define and de-risk commercial scale development.

In July 2023 SonoAsh received a US Department of Energy Technical Assistance award to continue the development of the SonoAsh program in legacy coal communities.

"SonoAsh is a waste to value company with a strong focus on social justice in legacy coal communities" says Brad MacKenzie, Vice President of Business Alliances. "With the accelerated closure of coal power stations nationally, the work we are doing in the New Mexico, and in Appalachia, will help aid in the transition away from legacy coal employment providing the region with the kind of good jobs the community needs but also providing the necessary raw materials the domestic economy requires for a cleaner, greener, future."

SonoAsh utilizes legacy coal ash impoundments as an above-ground ore body. SonoAsh's patented low frequency, sono-mechanical technology manufactures variable quality, waste coal ash into a low carbon, uniform particle size product that can be used in High Performance Green Cement applications.

Additionally, the SonoAsh process liberates rare and strategic metals and minerals from the coal ash that are essential to modern-day innovation and the green economy such as lasers, wind turbine motors, smartphones, and electric cars. SonoAsh is the industrial sponsor of a US Department of Energy Carbon Ore, Rare Earths and Critical Metals (CORE-CM) recovery program from coal and coal ash, in partnership with New Mexico Technical University, Los Alamos National Laboratory and Sandia National Laboratory.