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Carbon Capture Demonstration Projects Program/U.S. Department of Energy: Foreman, Arkansas, Ash Grove Cement Manufacturing Facility Selected for Award Negotiations

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The United States Department of Energy (“DOE”) Office of Clean Energy Demonstration (“OCED”) issued a May 5th news release stating that it had elected eight projects to begin award negotiations for development of an integrated carbon capture, transport and storage project.

One of the eight projects selected is the Ash Grove Cement Manufacturing facility located in Foreman, Arkansas.

DOE states it is making available up to \$189 million in funding for what it describes as:

. . . integrated Front-End Engineering Design (FEED) Studies to support the development of community-informed integrated carbon capture, transport and storage projects.

Funding is part of OCED’s carbon capture demonstration project program.

The stated goal of this program is to:

Accelerate the implementation of integrated carbon capture and storage technologies and catalyze significant follow-on investments from the private sector to mitigate carbon emissions sources in industries across America.

DOE notes that the selection of an application for award negotiations means that there will be a subsequent negotiation with each company in regard to a cooperative agreement.

The DOE news release describes the Ash Grove project as including:

. . . integrated CO₂ capture and storage associated with cement manufacturing at the Ash Grove Foreman Cement Plant in Foreman, Arkansas. The proposed project includes Air Liquide’s Cryocap™ technology as the basis for post-combustion and/or process system CO₂ capture, and pipeline and storage field development in the Jurassic Smackover Formation.

Ash Grove is a CRH Company which provides cementitious materials to construct highways, bridges, commercial and industrial complexes, homes and other structures. The company consists of 12 cement plants and a network of terminals.

A copy of the news release can be downloaded [here](#).

