



Archer Daniels Midland Company  
4666 Faries Parkway  
Decatur, IL 62526

## News Release

January 4, 2008

FOR IMMEDIATE RELEASE

### ADM, MGSC AND ISGS ANNOUNCE CARBON SEQUESTRATION PROJECT

*Project to study technology to reduce greenhouse gas emissions*

Archer Daniels Midland Company (ADM), the Midwest Geological Sequestration Consortium (MGSC) and the Illinois State Geological Survey (ISGS) announce that they are working together on a carbon sequestration project. The project will involve the capture and storage of carbon dioxide from ADM's ethanol plant in Decatur, Illinois. In this project, carbon dioxide will be stored in the tiny spaces of porous rock deep below the Earth's surface. This technology is one method of reducing greenhouse gas emissions by permanently storing carbon dioxide in the ground rather than releasing it into the atmosphere.

The project is designed to confirm the ability of the Mount Simon Sandstone, a major regional saline-water-bearing rock formation in Illinois, to accept and store 1 million tons of carbon dioxide over a period of three years. The carbon dioxide will be provided by ADM from its Decatur, Illinois, ethanol plant, and the project will be located on ADM's Decatur property.

"Carbon sequestration is a promising technology to mitigate greenhouse gas emissions. Our goal for this project is to further demonstrate its safety and effectiveness," said Robert Finley, director of the ISGS Energy and Earth Resources Center. "Deep saline rock formations, like the Mount Simon Sandstone, offer the greatest potential for sequestration of large volumes of carbon dioxide."

"ADM is pleased to work with the geologists from the MGSC and ISGS, and be a part of this important, timely research," said Dennis Riddle, ADM president, Corn Processing. "We see potential for carbon sequestration to improve the environmental footprint of biofuels by further reducing greenhouse gas emissions."

In this project, wells will be drilled into the Mount Simon Sandstone at an expected depth of more than 6,500 feet. Carbon dioxide from ADM's ethanol plant will be injected into the Mount Simon Sandstone, where the compressed liquid-like carbon dioxide will be stored in the porous saline rock formation. The safety and effectiveness of the storage will be monitored by the MGSC through an extensive monitoring, mitigation and verification program.

*(Continued)*

The \$84.3 million project will be funded by \$66.7 million from the U.S. Department of Energy over a period of seven years, supplemented by cofunding from ADM and other corporate and state resources.

The project will begin in spring 2008 with the drilling of the injection well. Environmental monitoring will begin in October 2008 to collect a year of background information. The sequestration and injection of carbon dioxide is scheduled to begin in October 2009 and should conclude in 2012.

### **About the Midwest Geological Sequestration Consortium**

The Midwest Geological Sequestration Consortium (MGSC) is one of seven regional partnerships selected by the U.S. Department of Energy to determine the best approaches for capturing and storing carbon dioxide (CO<sub>2</sub>) that might otherwise contribute to global climate change. The MGSC is led by the Illinois State Geological Survey, in conjunction with the Indiana Geological Survey and the Kentucky Geological Survey, and covers Illinois, southwestern Indiana and western Kentucky. This partnership was established to assess geological carbon sequestration options in the 60,000 mi<sup>2</sup> oval-shaped, geologic feature known as the Illinois Basin. Within the Basin are deep, noneconomic coal resources, numerous mature oil fields and deep saline rock formations with potential to store CO<sub>2</sub>. MGSC's objective is to determine the technical and economic feasibility of using these geologic formations for long-term storage.

### **About the Illinois State Geological Survey**

Founded in 1905, the Illinois State Geological Survey provides the citizens and institutions of Illinois with earth science research and information that are accurate, objective and relevant to the state's environmental quality, economic prosperity and public safety. ISGS is one of four scientific surveys affiliated with the University of Illinois and headquartered on its campus in Urbana-Champaign. Together they form a unique group of scientific experts in the earth, environmental and biological sciences that is unmatched in the nation. These agencies carry out objective, high-quality, multi-disciplinary scientific studies in service to all the people of Illinois.

### **About ADM**

Archer Daniels Midland Company (ADM) is the world leader in BioEnergy and has a premier position in the agricultural processing value chain. ADM is one of the world's largest processors of soybeans, corn, wheat and cocoa. ADM is a leading manufacturer of biodiesel, ethanol, soybean oil and meal, corn sweeteners, flour and other value-added food and feed ingredients. Headquartered in Decatur, Illinois, ADM has over 27,000 employees, more than 240 processing plants and net sales for the fiscal year ended June 30, 2007 of \$44 billion. Additional information can be found on ADM's Web site at <http://www.admworld.com/>.

###

### **Contact:**

Jessie McKinney  
ADM Media Relations  
217/424-5413

Robert Finley  
Illinois State Geological Survey  
217/244-8389