

# Summit Carbon Solutions Presents the World's Largest Carbon Capture Project at Fall Hydrogen & Carbon Capture Conference

PENN VALLEY, PA, US, December 1, 2021 /EINPresswire.com/ -- It's a safe bet you've never heard of the world's largest [carbon capture](#) & sequestration project, a 2,000-mile pipeline-dominated plan costing a privately-financed \$4.5 billion.



The 12 million tons of CO<sub>2</sub> we capture, transport and store are equivalent to taking 2.6 million cars off the highways, is equivalent to the amount of CO<sub>2</sub> stored by 14.7 million acres of forest"

*Chris Hill, Director of Carbon Permitting Summit Carbon Solutions*

But the [Midwest Carbon Express](#) is unique, combining the carbon dioxide emissions from 31 bioethanol factories in five Midwest states, then transporting the CO<sub>2</sub> north to outside Bismarck, ND, where 12 million metric tonnes annually of CO<sub>2</sub> will be sequestered underground in permanent storage.

"The 12 million tons of CO<sub>2</sub> we will capture, transport and store are equivalent to taking 2.6 million cars of the nation's highways, is equivalent to the amount of CO<sub>2</sub> stored by 14.7 million acres of forest," according to Christopher Hill, Director of Carbon Permitting for project owner-developer, [Summit Carbon Solutions](#). Hill told the Midwest Carbon Express story at the recently-

held Hydrocarbon & Carbon Capture Conference, held outside Pittsburgh and produced by ShaleDirectories.com and H<sub>2</sub>-CCS Network.

Hill told the roughly 150 conference attendees North Dakota is an ideal state to flow CO<sub>2</sub> into, as the state's portion of the Williston Basin contains up to 250 billion tons of geologic storage potential.

According to Summit Carbon Solutions, the project enables ethanol (produced from homegrown corn) to be produced more sustainably, allowing it to better compete in a "low-carbon" world.

"The long-term viability of the ethanol industry is critical for agriculture and rural America," the company said.

The federal 45Q tax credit accrues to the owner of the carbon capture sequestration at \$50 per

ton of CO2 kept from the atmosphere.

Biorefineries (facilities that convert biomass to energy and other products) are ideal for carbon capture & sequestration as their emissions are almost pure CO2 unlike fossil fuel-fired power plants.

“Right now we’re doing 3D seismic for the project,” Hill told his Hydrocarbon & Carbon Capture Conference audience. “Construction begins in the second half of 2023, with the project operational in 2024.”

“The Midwest Carbon Express is an extremely exciting project,” stated Tom Gellrich, Founder, H2-CCS Network. He further added, “We look forward to having update to this project at future Hydrogen and Carbon Capture Conferences.”

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