



CCS Development at ADM

MRCI 2022 Stakeholder Meeting

September 28, 2022

To unlock the power of nature to enrich the quality of life.

Enduring Global Trends

Food Security

A worker in a white protective suit and hard hat stands in front of a large red ship named 'EVHILDS' at a port. The ship is docked, and the worker is holding a walkie-talkie.

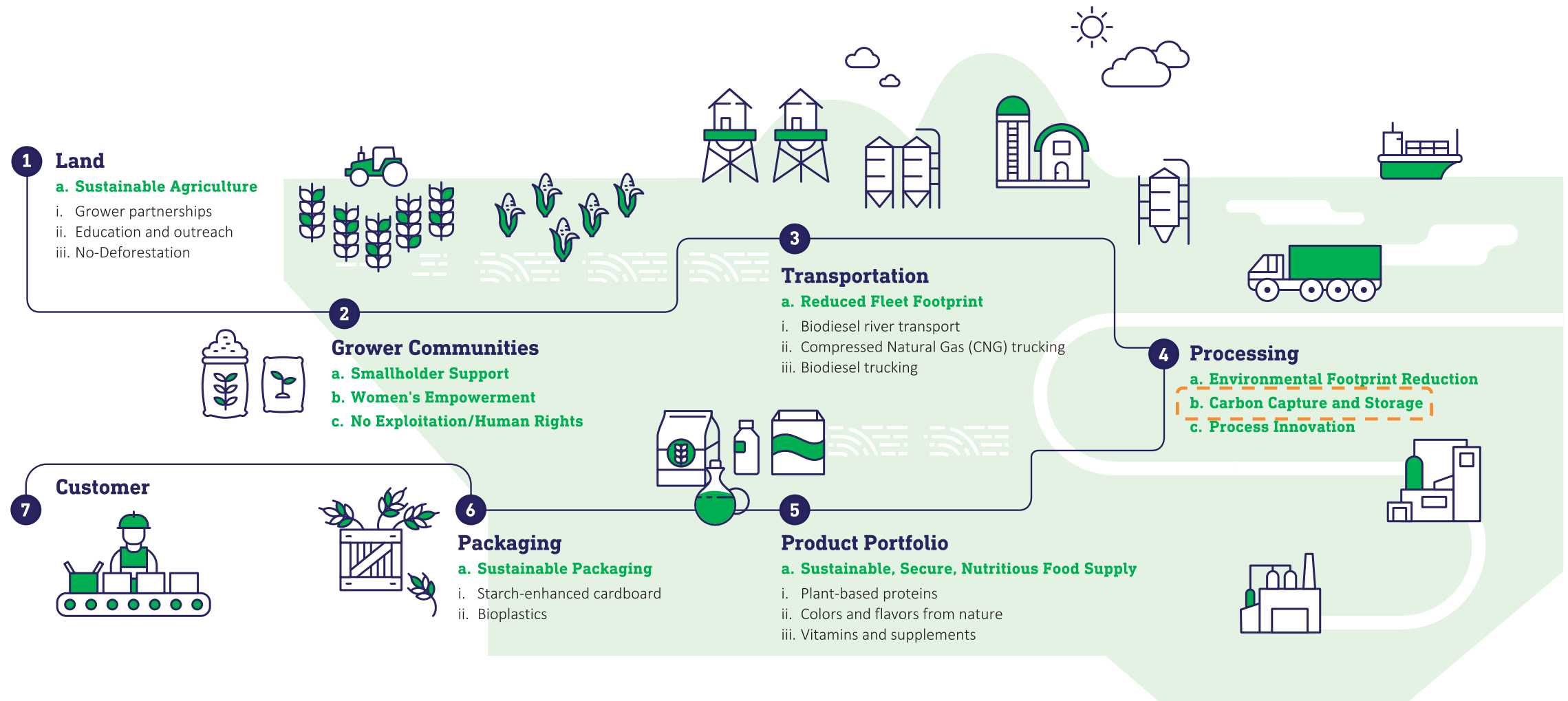
Health and Well-being

A woman in a grey tank top looking up and to the side, holding a small object. The background is a soft-focus outdoor scene with trees.

Sustainability

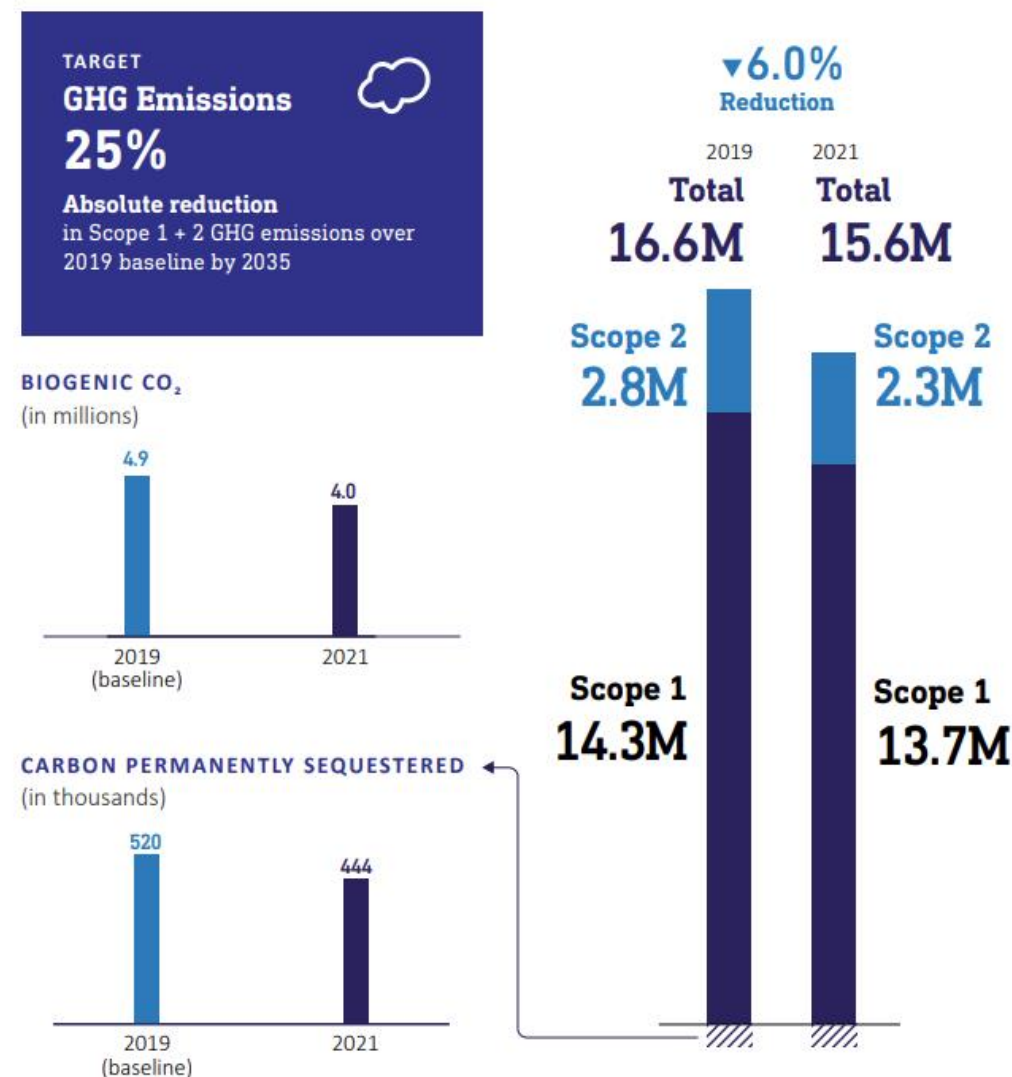
A group of men in business attire standing in a field of green crops, engaged in a discussion. One man is wearing a red cap and a blue shirt, while others are in light blue shirts.

Embedding ADM's Sustainable Strategy in the Agriculture Value Chain



ADM's Decarbonization Journey

- ADM 2021 Scope 1 & 2 emissions totaled approximately 15.6M MT, with a significant percentage of this total attributed to our four corn plant coal-based co-gen facilities
- ADM has committed to a carbon reduction program to reduce our absolute greenhouse gas emissions by 25%
- Beyond our carbon reduction initiatives, there are benefits associated with low CI products, particularly in the energy and petroleum replacement space (renewable fuels and chemicals/plastics)



How Will ADM Leverage CCS Technology

- Connecting our corn processing facilities in Cedar Rapids and Clinton, Iowa, to our existing CCS wells in Decatur through a CO₂ pipeline built and operated by Wolf Carbon Solutions
- Connecting our existing CCS wells in Decatur to a net-zero power plant project 8 Rivers Capital Group has proposed adjacent to our processing facilities in Decatur, which could also supply ADM with clean electricity
- Connecting our corn processing facility in Columbus, Nebraska, to a storage site in Wyoming through a project led by Tallgrass Energy Solutions to convert an existing natural gas pipeline to transport CO₂



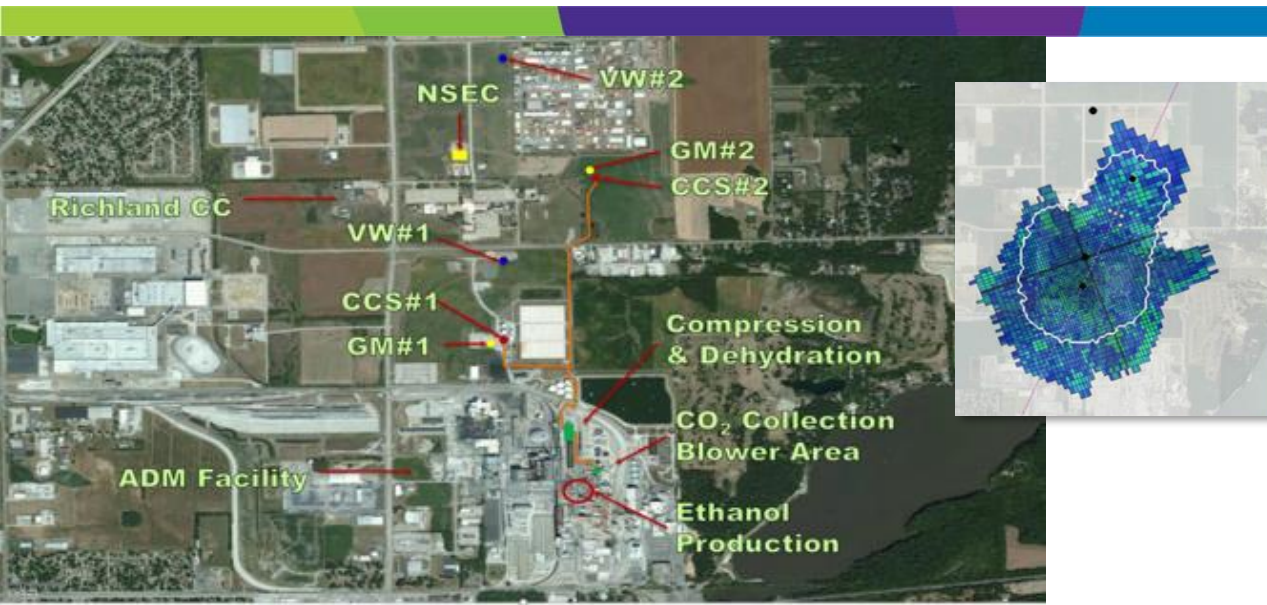
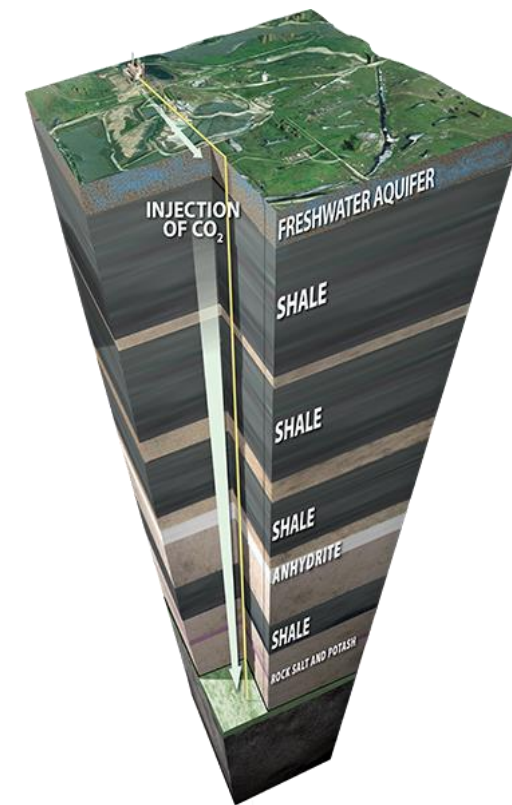
Project Update

CCS1 met target injection period and ceased injection

- Permitted in 2008 under Illinois EPA UIC Class I
- Re-permitted during post-injection period under USEPA Region V Class VI

CCS2 in current operation

- Permitted in 2014 under USEPA Region V Class VI
- Currently injected 2.55 million MT out of 5.5 million MT permitted



Future CCS wells

- Recently submitted a new USEPA Region V Class VI permit to allow for additional injection
- Continuing to explore the need for additional CCS wells

ADM is Proud of our Accomplishments with our Partners

- ADM was the 1st American company to be granted a Class VI well permit by the U.S. EPA and has been successfully operating CCS wells in Decatur for more than a decade.
- ADM has worked with the Department of Energy and the Illinois Geological Survey at the University of Illinois for many years to validate the safety, security and effectiveness CCS technology.
- To date, our projects have successfully injected more than 3.5 million tons of CO₂ safely 1.5 miles under the earth
- IBDP recognized as a 2022 Top Project of the Year by Environment + Energy Leader magazine



Challenges Ahead



General Public Acceptance

Effective stakeholder engagement will be critical especially with landowners



Regulatory Bandwidth & State Legislation

Agency resources for processing permits and adopting legislation (e.g. pore space) will be critical moving forward

Thank You

