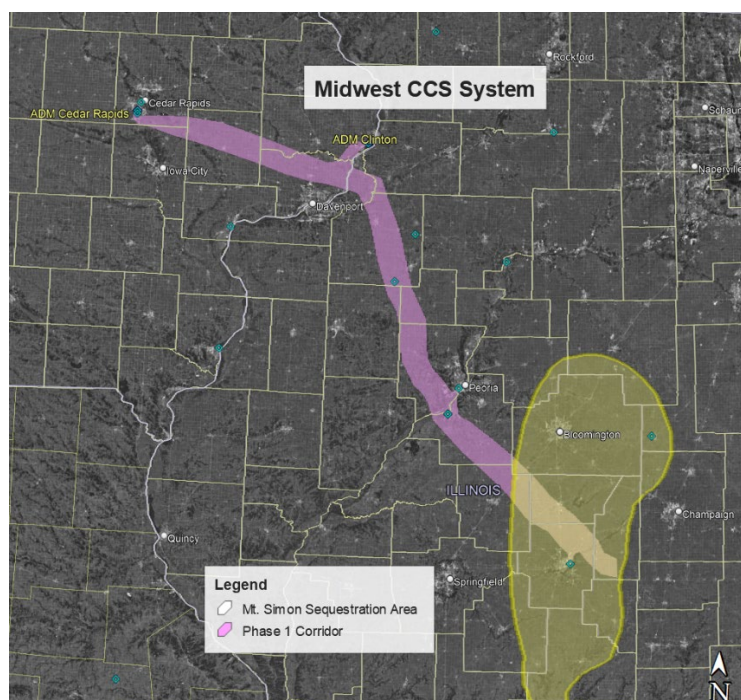


## Who We Are

- Wolf Carbon Solutions is an experienced infrastructure company with plans to build one of the first large-scale carbon capture and storage (CCS) systems in the U.S.
- Wolf currently owns and operates the only private CCS system in North America: Alberta Carbon Trunk Line; a 150-mile pipeline with capability of transporting up to 14.6 million tons of CO<sub>2</sub> per year.
- Wolf has partnered with ADM to implement a CCS system that will travel from Cedar Rapids to Clinton to Decatur, IL.
- Wolf is committed to community investment in the communities we partner with; our core areas for community investment are education, community building, safety and environment, and health and recreation.
- Our CCS systems have significant economic benefits including higher ethanol demand, premium pricing for low carbon products and carbon credit revenue, as well as creating sustainable, lower carbon fertilizer for crop production
- The system will attract new industrial facilities to the area who want a “plug and play” decarbonizing solution
- New system will enhance Midwest’s long-standing position as a pioneer in carbon capture and energy transition

## Midwest CCS Project Overview



### Phase I

- Capture and transportation system connecting ethanol and fertilizer plants from Iowa and Illinois into sequestration reservoir in central Illinois
- 300 miles of heavy wall, 8-24" inch steel pipe
- Connection to multiple ethanol and fertilizer plants
- Permanently remove 5-6 million tons of CO<sub>2</sub> per year from the atmosphere

### Phase II

- Expansion deeper into Midwest and Ohio Valley industrial area
- Capacity up to 12 million tons of CO<sub>2</sub> per year

### Beyond?

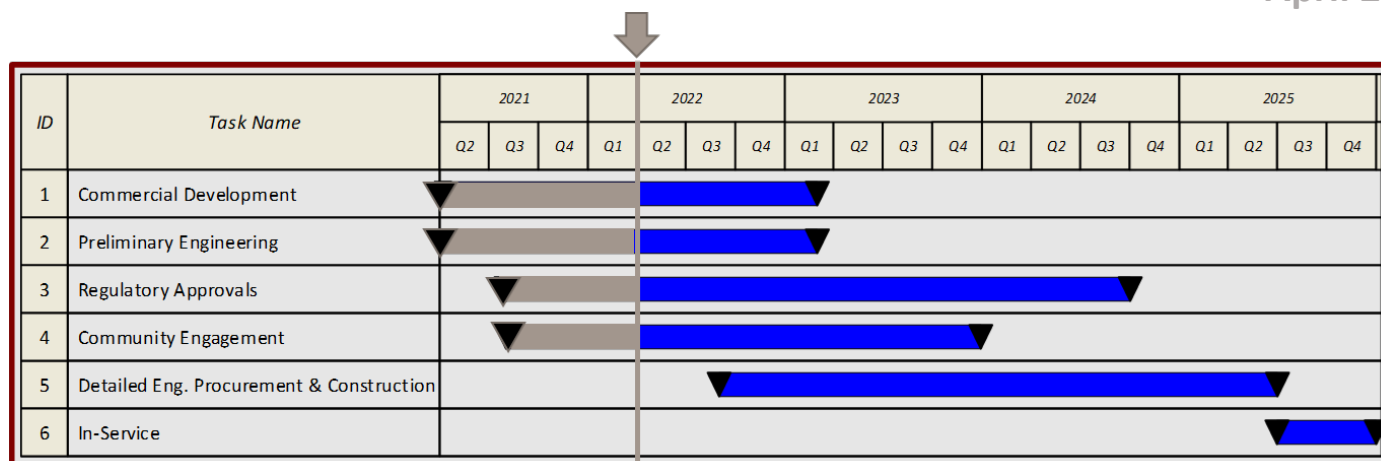
- Connect steel, cement, power plants and other emitters to further neutralize the carbon footprint of the Midwest

## Where will pipelines routes be located?

- Pipeline corridors will be further defined once carbon dioxide supply arrangements have been made
- Pipeline routing will take into consideration land use, proximity to existing linear developments, populated and sensitive environmental or archeological areas, state, federal and tribal-owned land, parks and recreational areas and constructability

## When will pipeline ROW acquisition begin?

- Pending carbon dioxide supply arrangements, pipeline right-of-way acquisition is anticipated to commence in 2022 following public information sessions and route screening
- General approach is to relocate the pipeline if run into opposition



## Economic Impacts

- Creates jobs and bolsters local economy during construction and operations
- Expect construction to peak at over 1,000 personnel
- Most of the equipment and materials will be sourced in the USA
- Operations is expected to employ 20 - 30 personnel on a full-time basis
- Operations will contract with many local businesses to provide various services
- Supports corn, ethanol, and fertilizer industries
- Positions industries for new era of emissions policies
- Will attract new industrial facilities who want proximity to a functional CCS system to ensure low carbon operations
- Reaffirms Midwest area as pioneer in carbon reduction and energy transition
- Enhances local and national political presence
- Brings ancillary benefits and investments to local businesses and communities
- Future benefit if other industries connect; steel, cement, power plants and other emitters looking to neutralize their carbon emissions in the Midwest.

## Wolf Pipeline Practices

- The Wolf team has installed over 1,000 miles of pipeline in past 15 years and has significant experience in pipeline construction and operation
- Will follow Iowa & Illinois Pipeline Standard and Construction Specifications
- Pipeline will be buried a minimum of 5 feet below surface; All major watercourse crossings will be crossing using trenchless crossing methods

## About Carbon Capture Storage

- Carbon dioxide, or CO<sub>2</sub>, is a naturally-occurring compound and makes up a portion of the air we breathe
  - Plants require CO<sub>2</sub> to live and flourish
  - The earth produces CO<sub>2</sub> through volcanism and through the processes that weather rocks
  - Animals produce CO<sub>2</sub> through our digestive and aerobic biological pathways
  - Humans produce CO<sub>2</sub> through industrial processes
- Carbon capture and storage involves:
  - Capturing CO<sub>2</sub> generated through industrial processes instead of releasing it to the atmosphere
  - Transporting the CO<sub>2</sub> via pipeline to an injection site
  - Injecting the CO<sub>2</sub> thousands of feet below ground to securely store it in porous rock for eternity