



## PRAIRIE HORIZON HYDROGEN

is a potential low-carbon energy project in Stark County, North Dakota. TC Energy and Marathon Petroleum are working together to evaluate the project's feasibility.

# AT A GLANCE

## Project Facts and Select Benefits

If the project moves forward, Prairie Horizon Hydrogen would:



Produce low-carbon hydrogen from various energy sources, including natural gas



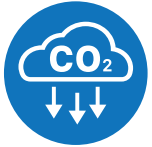
Create feedstocks for industrial operations and the agriculture sector



Support North Dakota's agriculture sector by providing low-carbon ammonia-based fertilizer



Expand and diversify the uses of North Dakota's natural energy resources



Help support North Dakota's low-carbon goals, while expanding regional energy production



Showcase the technological advancements and energy innovation efforts in North Dakota



Responsibly manage water intake and usage



Help preserve and protect the area's cherished environment



Leverage a grant from North Dakota's Industrial Commission to help jumpstart this innovative project



Be an integral part of the Heartland Hydrogen Hub, which is seeking U.S. Department of Energy funding and is supported by the Governor of North Dakota



Continue exploring locations near existing industrial operations



Conduct fieldwork for project evaluation is planned for late-2023 and 2024. If project progresses, construction is estimated to commence mid-decade

## PRAIRIE HORIZON HYDROGEN APPROACH

- Continue to engage community members through open dialogue and collaboration
- Build valued and lasting relationships with local landowners
- Further connect and seek meaningful involvement with Native American tribes



To learn more, visit [www.PrairieHorizonHydrogen.com](http://www.PrairieHorizonHydrogen.com)

August 2023



Bring more quality jobs and new career opportunities to the region  
**JOB CREATION\***

*Estimates:*

~75 direct well-paying jobs

Gross annual employee compensation = ~\$12.5 million (wages, salary, benefits, payroll taxes)



Contribute significantly to the local economy  
**ECONOMIC IMPACTS\***

*Estimates:*

Plant and periphery facilities value = ~\$210 million

Expanded tax base – ~5% increase in Stark County's entire taxable valuation

\*Based on analysis from ND State University Office of Agribusiness and Applied Economics