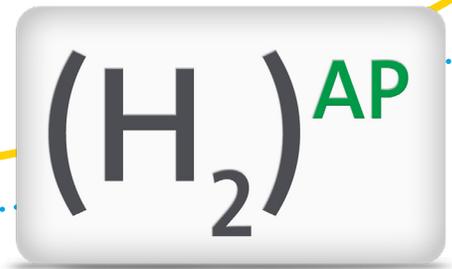


# Decarbonization

## Building a cleaner future for heavy industry



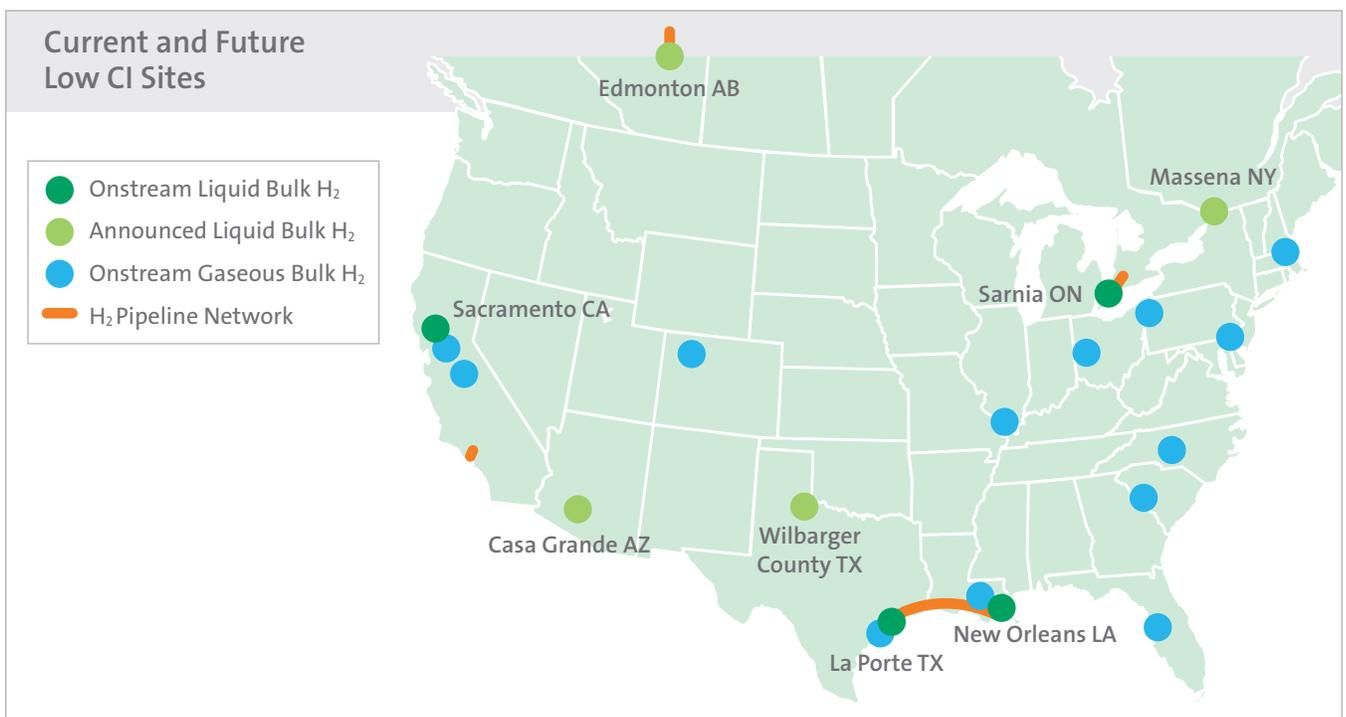
### Decarbonization Applications

#### Replace or blend natural gas with low carbon intensity H<sub>2</sub>

Replacing or blending natural gas with low carbon intensity H<sub>2</sub>, like green and blue hydrogen, can help energy-intensive industries lower their carbon emissions and meet sustainability goals. As the world leader in producing and supplying on-purpose merchant hydrogen, Air Products is dedicated to helping industrial companies on their decarbonization journey. No matter where you are in North America, we can plan your transition to low carbon intensity hydrogen and supply you with liquid hydrogen when and where you need it.

Our continental liquid hydrogen supply network has been operating for over 60 years, and we're continually making industry-leading investments in green and blue hydrogen. For any company looking to introduce H<sub>2</sub> to their industrial processes, we can help make the transition quick and seamless. Our team of dedicated technical experts will work with you to assist you through the process and help get you onstream in no time.

Let Air Products be your decarbonization partner through the transition to sustainable energy. We can help you utilize oxygen to improve your natural gas efficiency, find a potential carbon capture and sequestration solution, or introduce hydrogen to your process to reduce emissions.



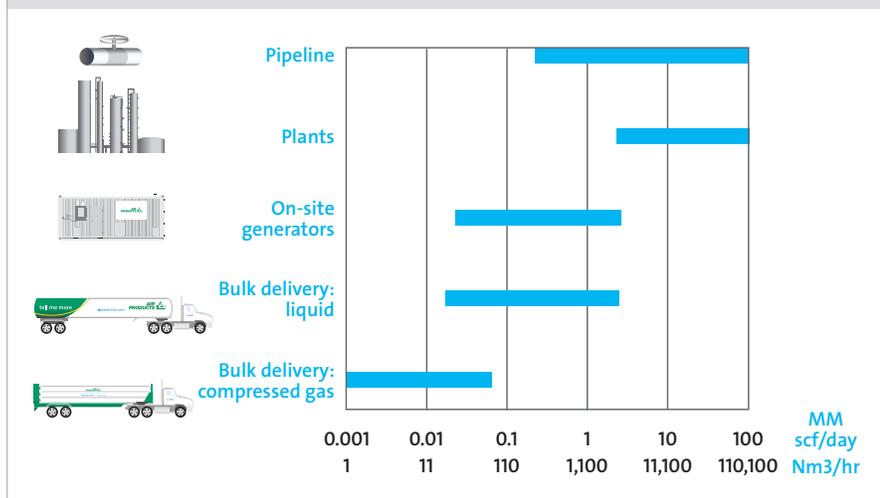
## Oxy-fuel combustion to improve natural gas energy efficiency

For industries striving toward energy efficiency and environmental stewardship, advanced combustion technologies and alternative fuels offer unique possibilities for cost reduction, productivity, and sustainability. Air Products understands that meeting sustainability goals comes with its own unique challenges.

That's why for over 50 years, we've been developing innovative oxygen-based combustion technologies to address these barriers and make the transition easy. Our equipment helps customers improve productivity, reduce energy consumption and emissions, as well as increase the use of alternative fuels.



Air Products offers a variety of supply modes for gas delivery to fit the needs of our customers.



## Prevent air pollution with carbon capture and sequestration (CCS) technology

Air Products' carbon capture and sequestration technology enables manufacturers to capture carbon emissions from industrial processes and sequester them underground. This process can prevent harmful emissions from entering and polluting the atmosphere and is a great way to help organizations meet their sustainability goals.

If your operations are in a suitable geography for sequestration, Air Products can assist you in evaluating CCS options and help determine and provide the gases and equipment needed to capture CO<sub>2</sub> off gas. In hard-to-abate industries that rely heavily on fossil fuel usage, CCS can be the most cost-effective path to decarbonization.

For more information, please contact us at:

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