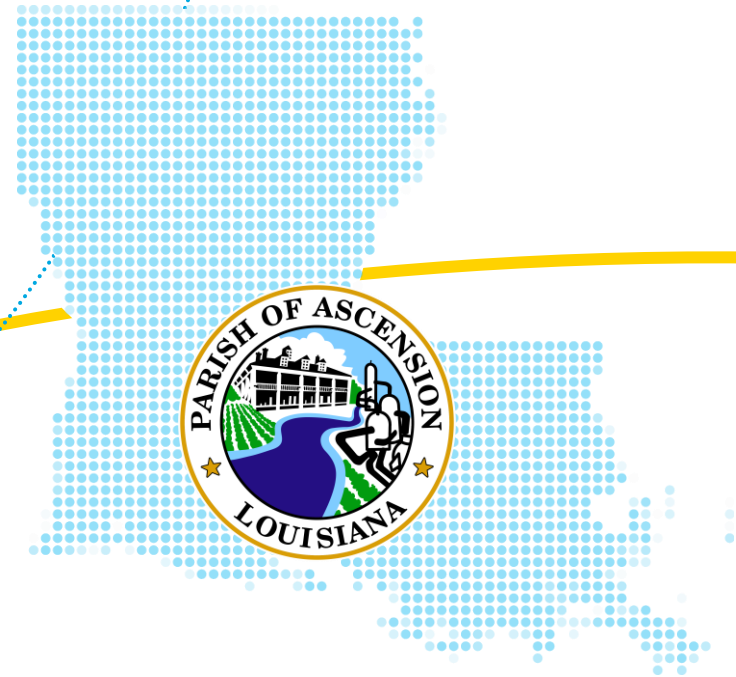


Blue Hydrogen

Another Energy Source for the Future

\$4.5 Bn Investment in Louisiana

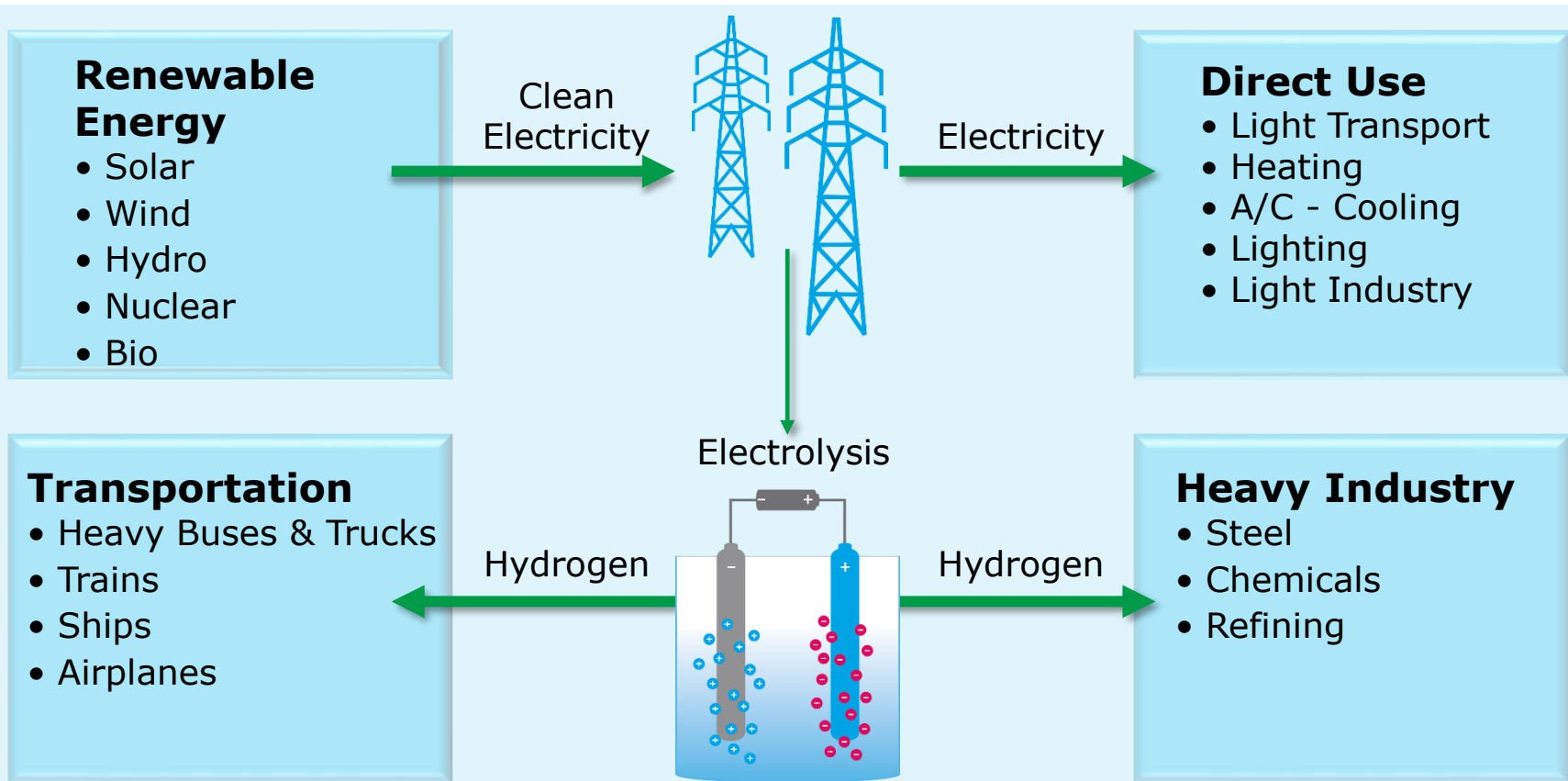
October 14, 2021



Forward-looking Statements

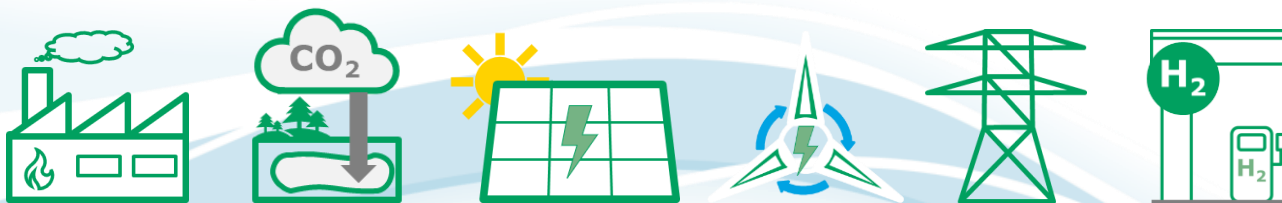
This presentation contains “forward-looking statements” within the safe harbor provisions of the Private Securities Litigation Reform Act of 1995, including statements about earnings guidance, business outlook and investment opportunities. These forward-looking statements are based on management’s expectations and assumptions as of the date of this presentation and are not guarantees of future performance. While forward-looking statements are made in good faith and based on assumptions, expectations and projections that management believes are reasonable based on currently available information, actual performance and financial results may differ materially from projections and estimates expressed in the forward-looking statements because of many factors, including, those disclosed in our earnings release for the third quarter of fiscal 2021 as well as in our filings with the Securities and Exchange Commission. Except as required by law, the Company disclaims any obligation or undertaking to update or revise any forward-looking statements contained herein to reflect any change in the assumptions, beliefs, or expectations or any change in events, conditions, or circumstances upon which any such forward-looking statements are based.

The Energy Transition



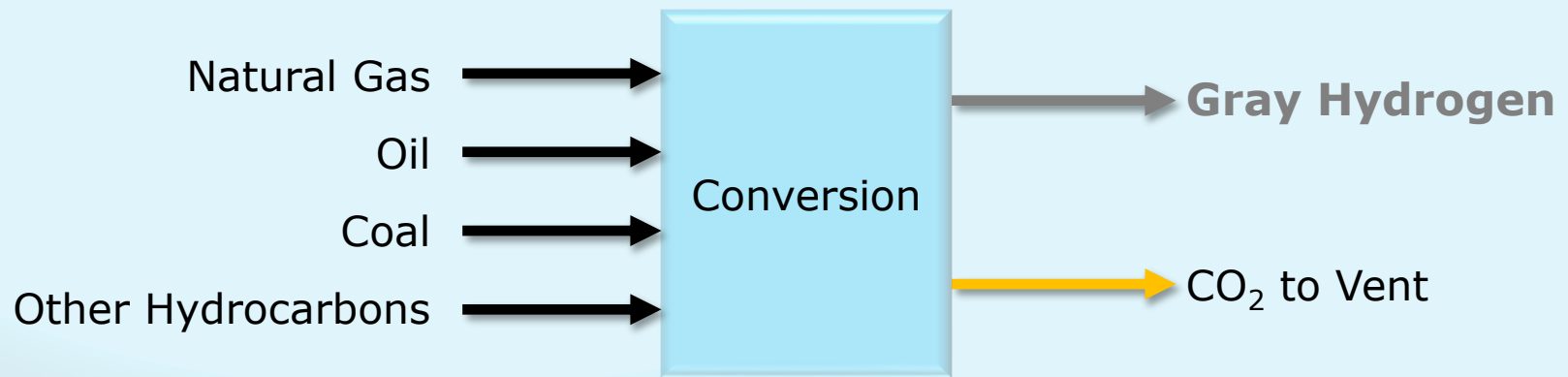
It is a “Transition”

Most of the world's vast energy use today comes from fossil fuels - so the transition to all Electric and Green Hydrogen cannot happen overnight



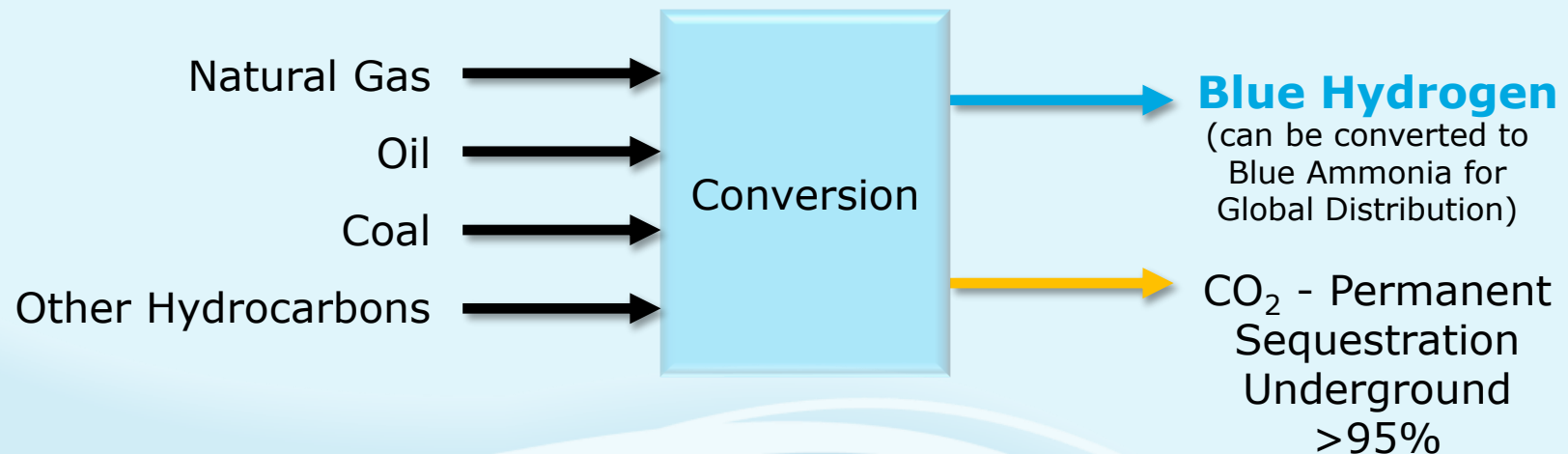
Hydrogen Energy Transformation Stages

Stage 1 – Today: **Gray Hydrogen**



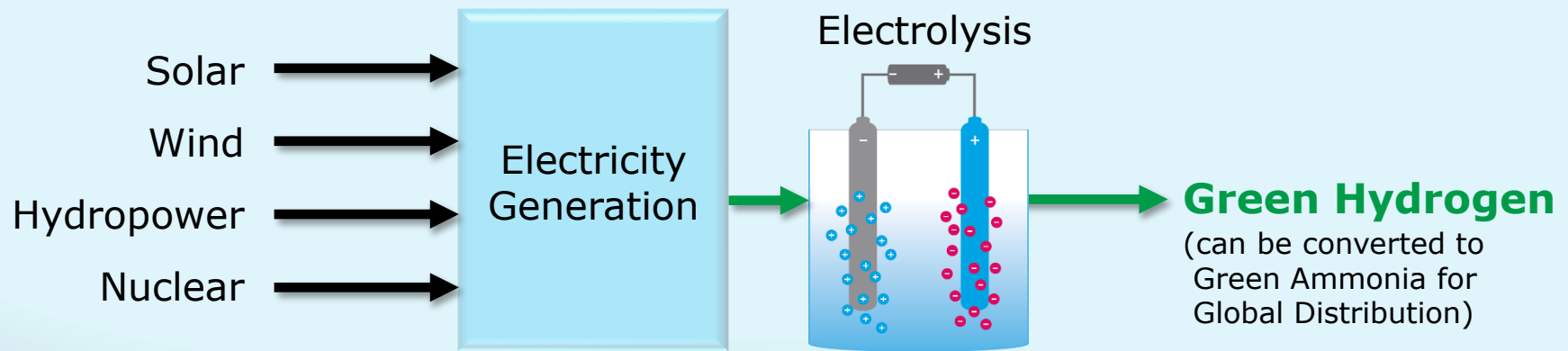
Hydrogen Energy Transformation Stages

Stage 2 – Tomorrow: **Blue Hydrogen**



Hydrogen Energy Transformation Stages

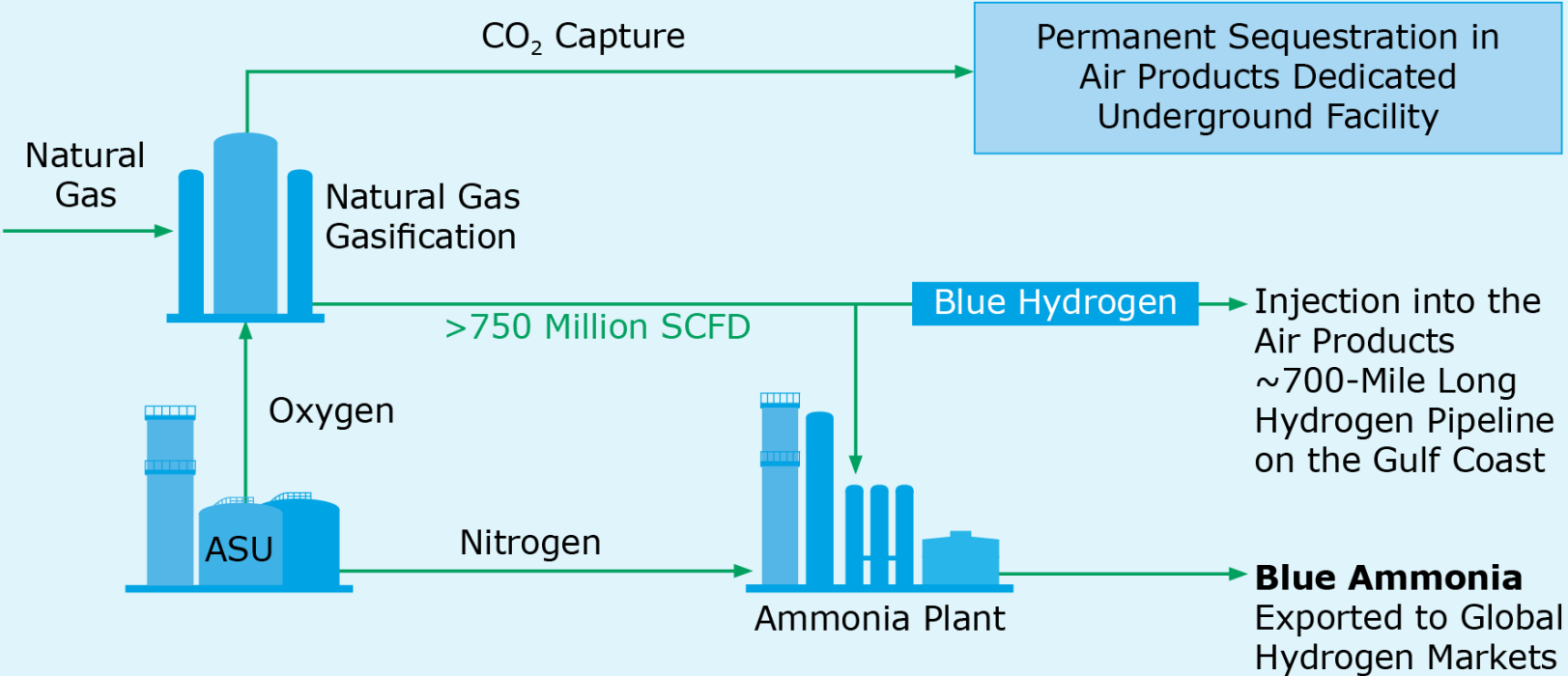
Stage 3 – Tomorrow: **Green Hydrogen**



What We Are Announcing Today

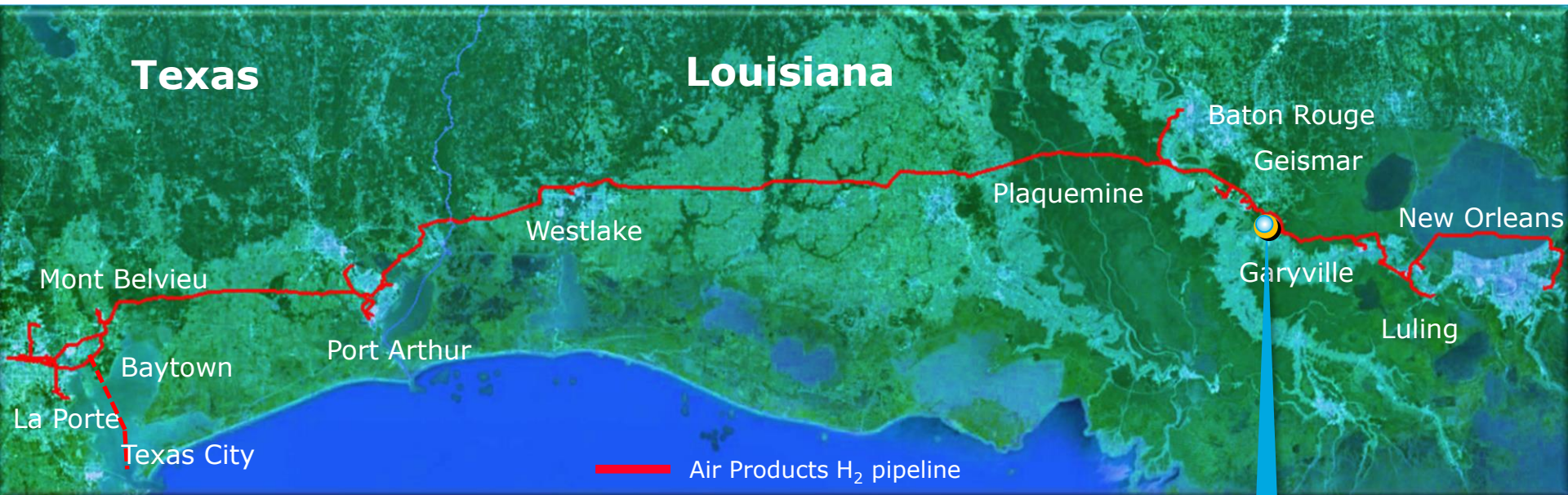
Air Products will build the world's largest facility producing Blue Hydrogen for local and export markets

Louisiana: The Facility



Air Products' US Gulf Coast Hydrogen Pipeline System

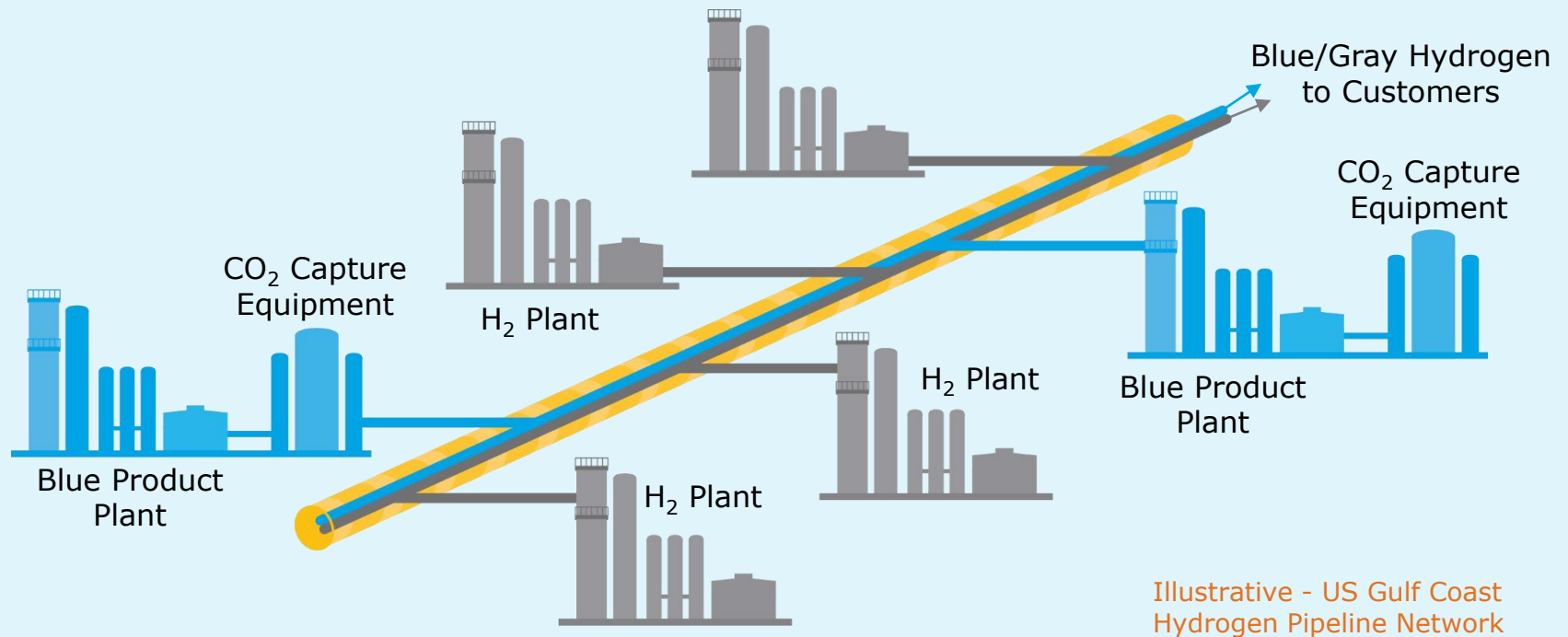
From New Orleans to Texas City



New, World-Scale
Blue Hydrogen
Energy Complex
Ascension Parish

- ~700-mile system
- >1.9 billion SCFD capacity
- ~25 plants

Air Products' US Gulf Coast System Can Provide Both Gray and Blue Hydrogen



Air Products' Blue Hydrogen Facility

● Air Products will invest \$4.5B to build-own-operate the world's largest Blue Hydrogen production facility in Louisiana

● The facility will capture over 5 million tons per year of CO₂, making it the largest Carbon Capture for Sequestration (CCS) facility in the world

● The facility is expected onstream in 2026, producing Blue Hydrogen for local and export markets

Air Products Blue Hydrogen Facility Enables Significant CO₂ Emission Reductions

➤ If all the hydrogen was used for long-haul trucks,
↓ **over 4 million TPY of CO₂** vs diesel



➤ If all the hydrogen was used for power production,
↓ **over 8 million TPY of CO₂** vs coal



Why is Air Products Building this Facility?

Investment is in line with our stated **Growth Strategy**

Hydrogen



CO₂ Capture



Gasification



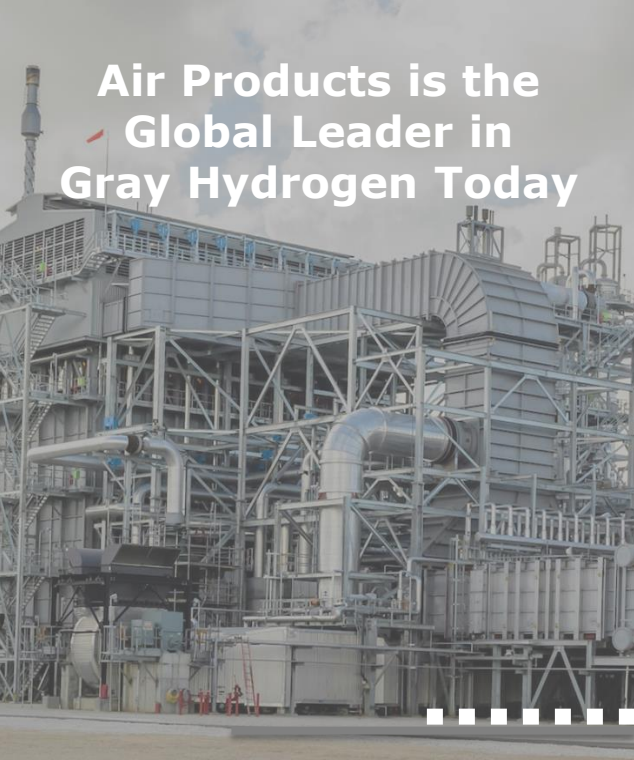
Investment is also in line with our stated **Higher Purpose**

Bringing people together to collaborate and innovate solutions to the world's most significant energy and environmental sustainability challenges

Air Products' Position in the Energy Transformation to Hydrogen

H_2 Gray Hydrogen from Hydrocarbons

Air Products is the
Global Leader in
Gray Hydrogen Today



H_2 Blue Hydrogen from Hydrocarbons with CCS

Air Products will be the
Global Leader in
Blue Hydrogen after
Executing the
Canada Project & the
Louisiana Project



H_2 Green Hydrogen from Wind and Solar

Air Products will be the
Global Leader in
Green Hydrogen after
Executing the
NEOM Project



Thank you
tell me more

Carbon Sequestration: >5 MTPY

