



US ENERGY
RENAISSANCE



PORT CORPUS CHRISTI®

PORT CORPUS CHRISTI
GLOBAL ENERGY HUB



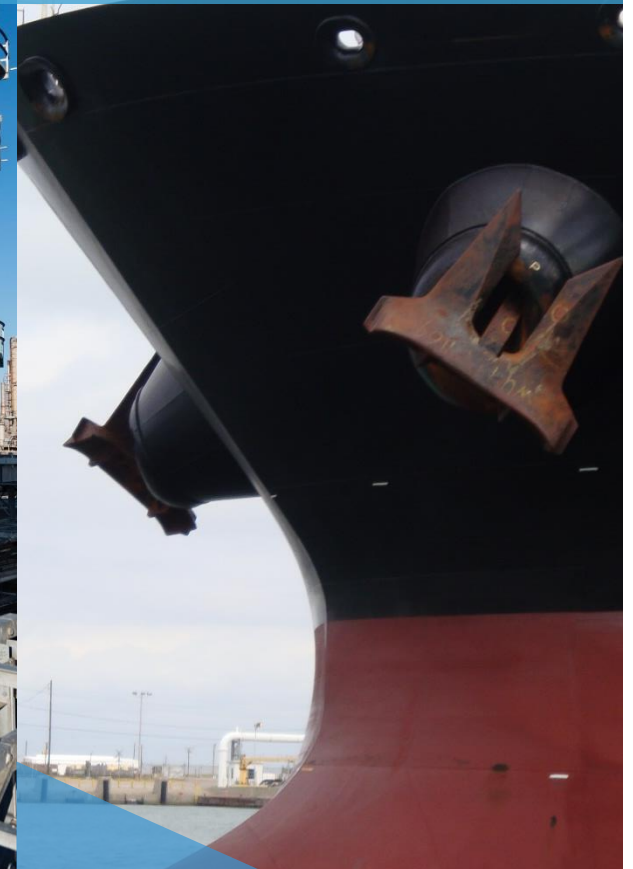
01
ETHANE CRACKERS



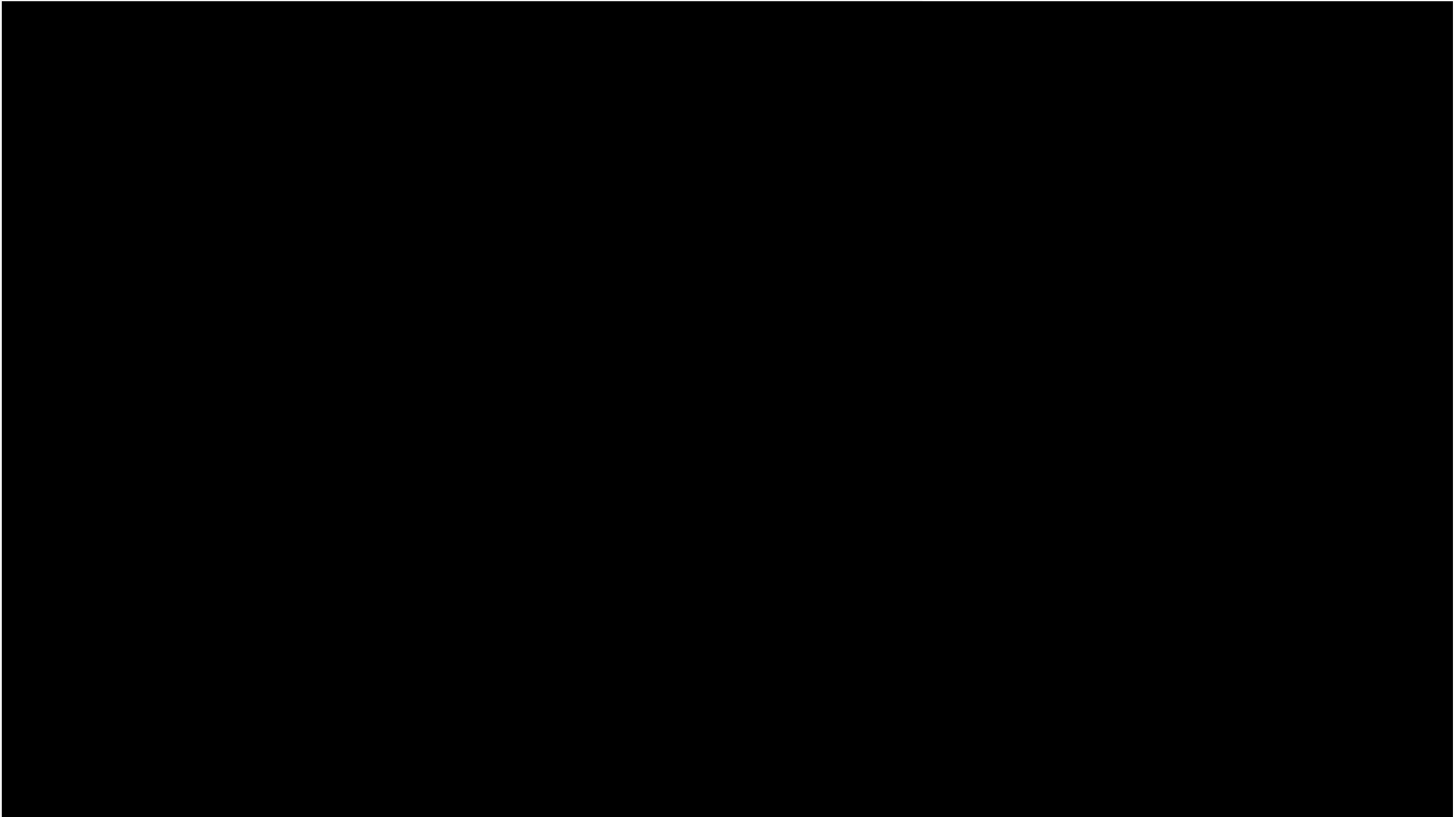
02
LNG & LPG EXPORT

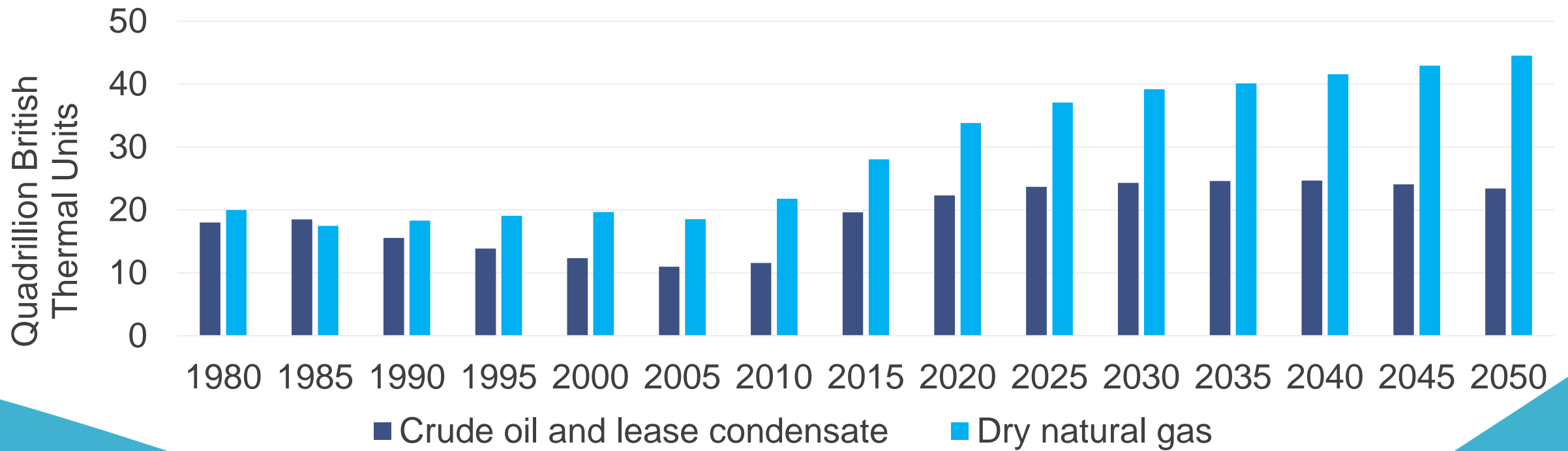


03
REFINERY HUB



04
CRUDE OIL EXPORT





US Crude Oil & Natural Gas Production





Port Corpus Christi 2017 Statistics

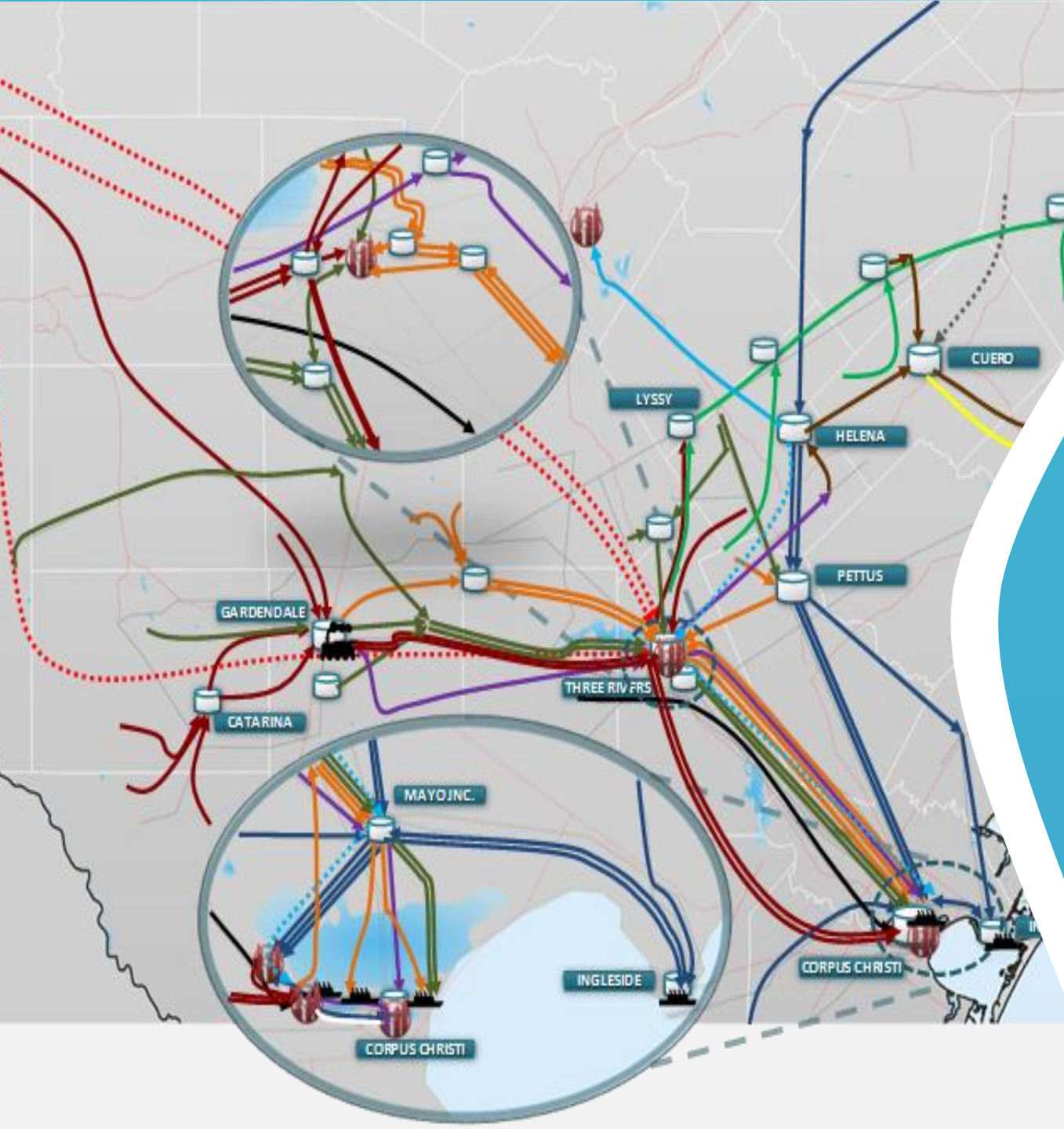
- The #1 US Crude Oil Export Port
- 4th Largest Port in the US (>100M Tons)
- USD \$150B in annual economic output
- USD \$100M goods value movement per day
- Greater than USD \$100M annual port revenues



PORT CORPUS CHRISTI

\$50 BILLION INDUSTRIAL INVESTMENTS
\$10 BILLION FOREIGN DIRECT INVESTMENTS





All Energy “Roads” Lead to Corpus Christi

Various Y-Grade NGL pipelines from Permian Basin and Eagle Ford Shale planned for the region including:

- EPIC Pipeline
- Permico Energia Pipeline
- Grey Oak Pipeline
- Plains Cactus II Expansion

Major Natural Gas Lines to Corpus:

- Cheniere LNG
- Enterprise
- Southcross



An aerial photograph of a large oil tanker ship docked at a port. The ship is dark blue with a white upper section and has the name "EURONAV" written in white on its side. The ship is docked at a pier with various structures and equipment. In the foreground, there are several buildings, parking lots with cars, and a road. The background shows a large body of water and a distant landmass. The entire image is overlaid with a semi-transparent blue filter, and a white rectangular box is centered over the ship with the text "U.S. CRUDE OIL EXPORTS" in white, bold, sans-serif capital letters.

U.S. CRUDE OIL EXPORTS

Big Oil

The Oil Market is bigger than all raw metal markets combined

 **Oil**
\$1,720B

The global market for oil was 94 million barrels per day in 2015.

This puts the oil market at \$1.7 trillion per year with today's prices - far more than all raw metals combined!

The largest metal market by tonnage is iron ore.

China alone consumes 1 billion tonnes per year mostly to produce steel.



The world's largest metal market by dollar value is gold.

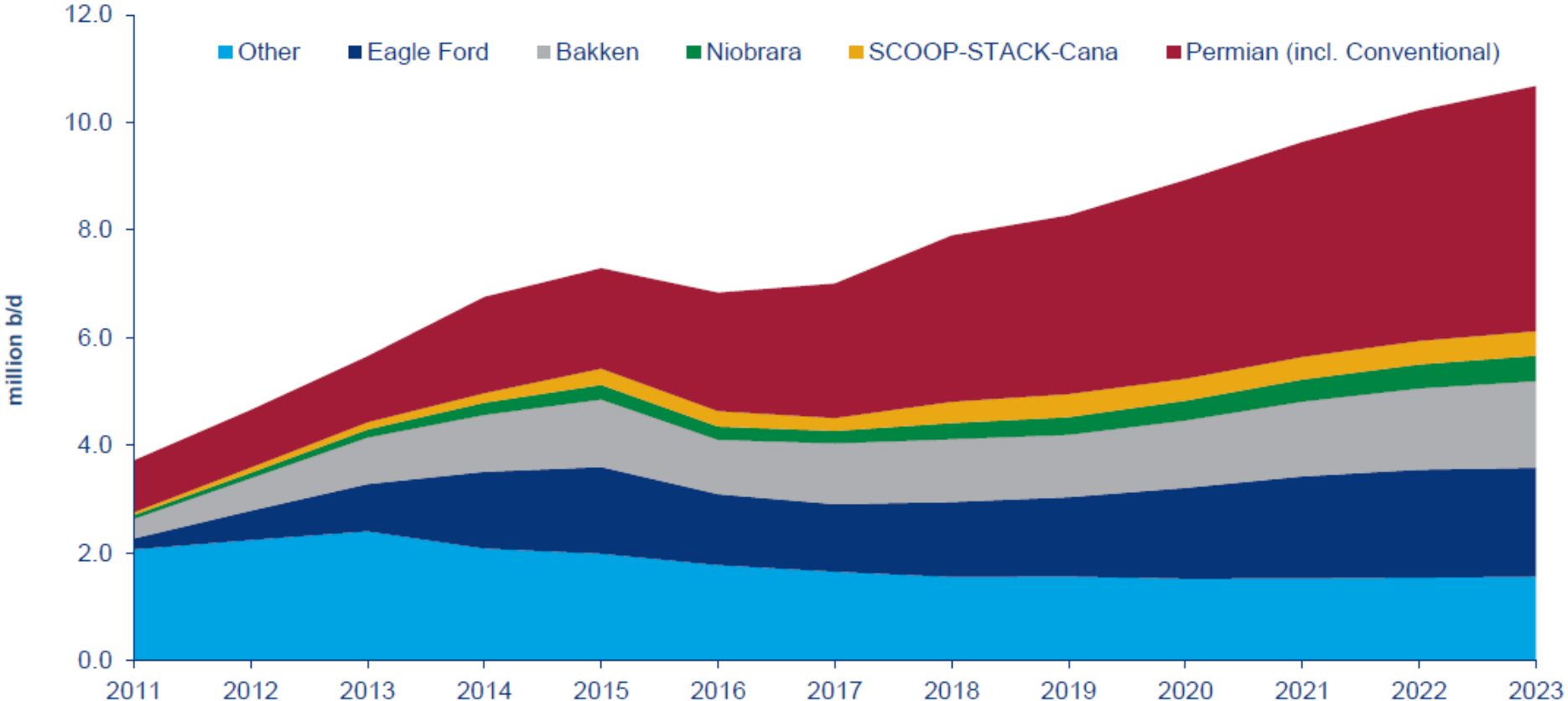
The physical market is worth \$170 billion per year at today's spot price.



US Lower 48 Crude Production to Surpass 11mmbp - 2023

Permian basin to account for nearly 50% of US onshore production by mid-2020s

US Lower 48 crude and condensate production

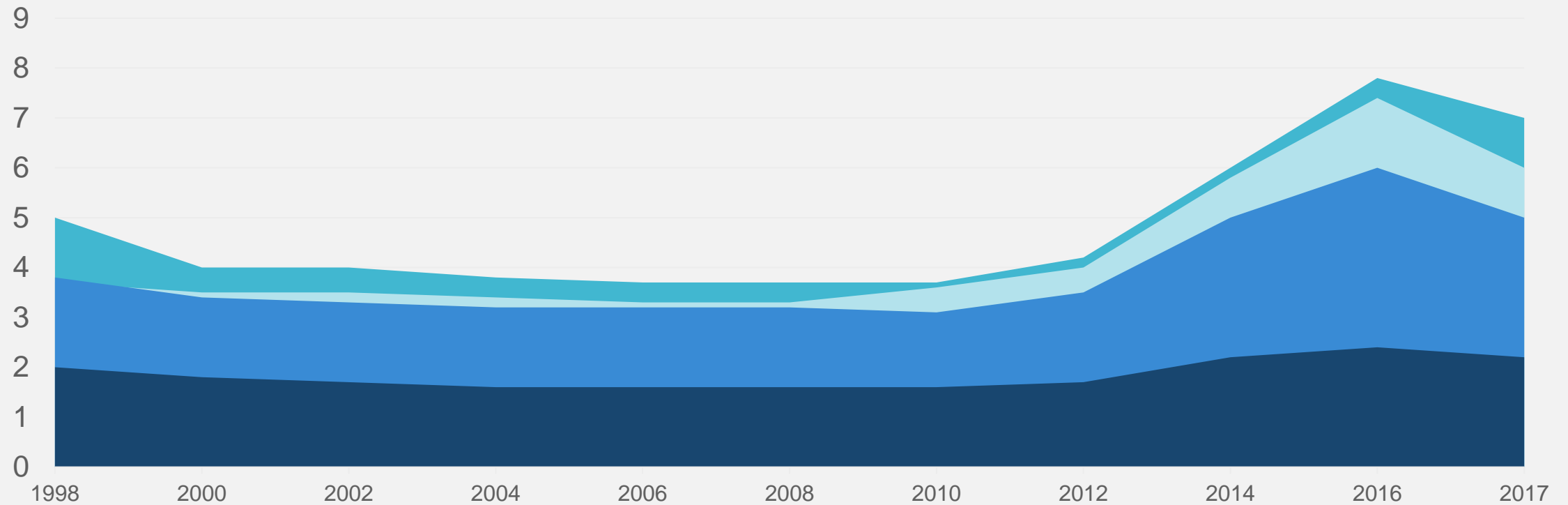


Source:
Wood Mackenzie

Texas: Largest Energy Producer in U.S.

(in million barrels per day)

U.S. Onshore Production of Crude Oil



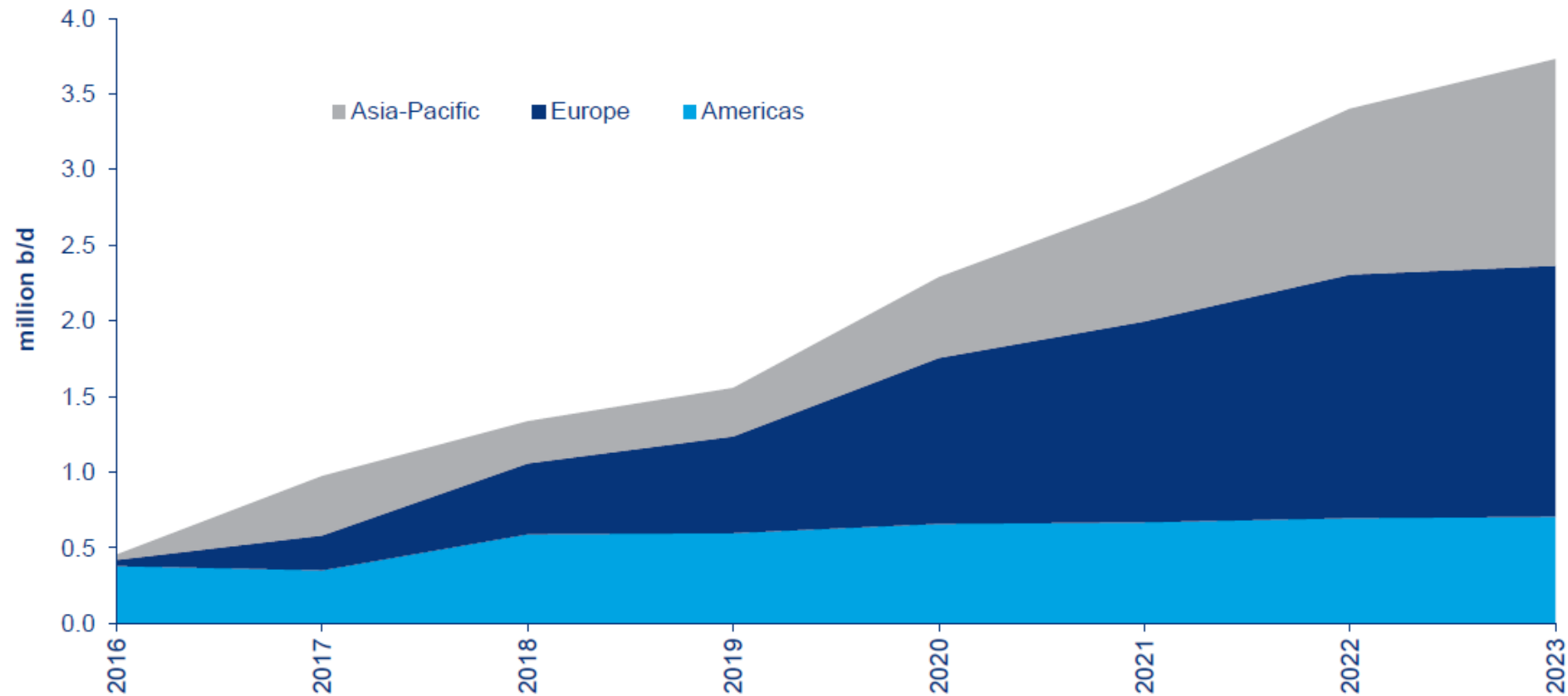
Source:
Energy Information Administration
February 2018

■ Alaska ■ North Dakota ■ Texas ■ Other States

US Crude & Condensate Export Forecast

Reduced transport costs and higher netbacks for US crude producers make Europe the optimal market for the US to fill first

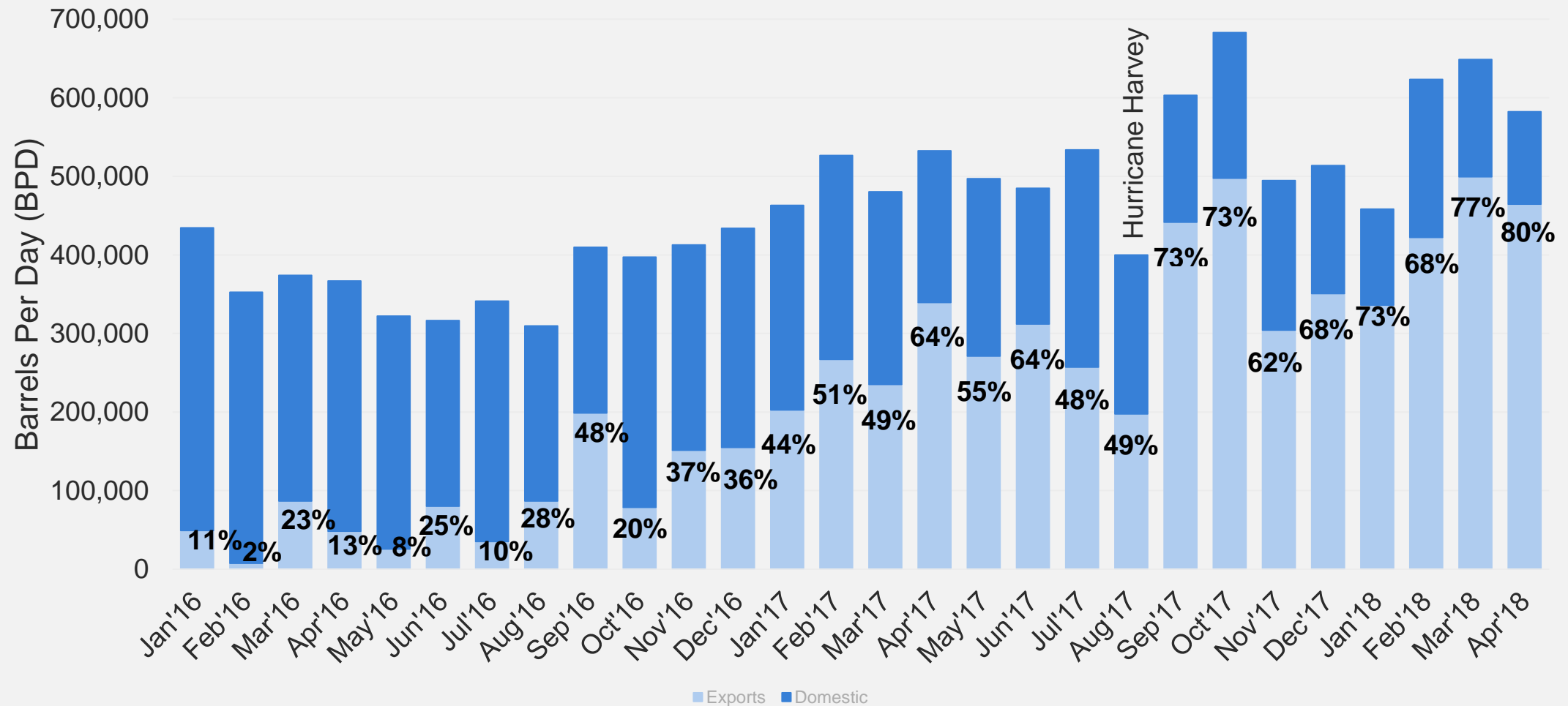
Destination of US light crude and condensate exports



Source:
Wood Mackenzie

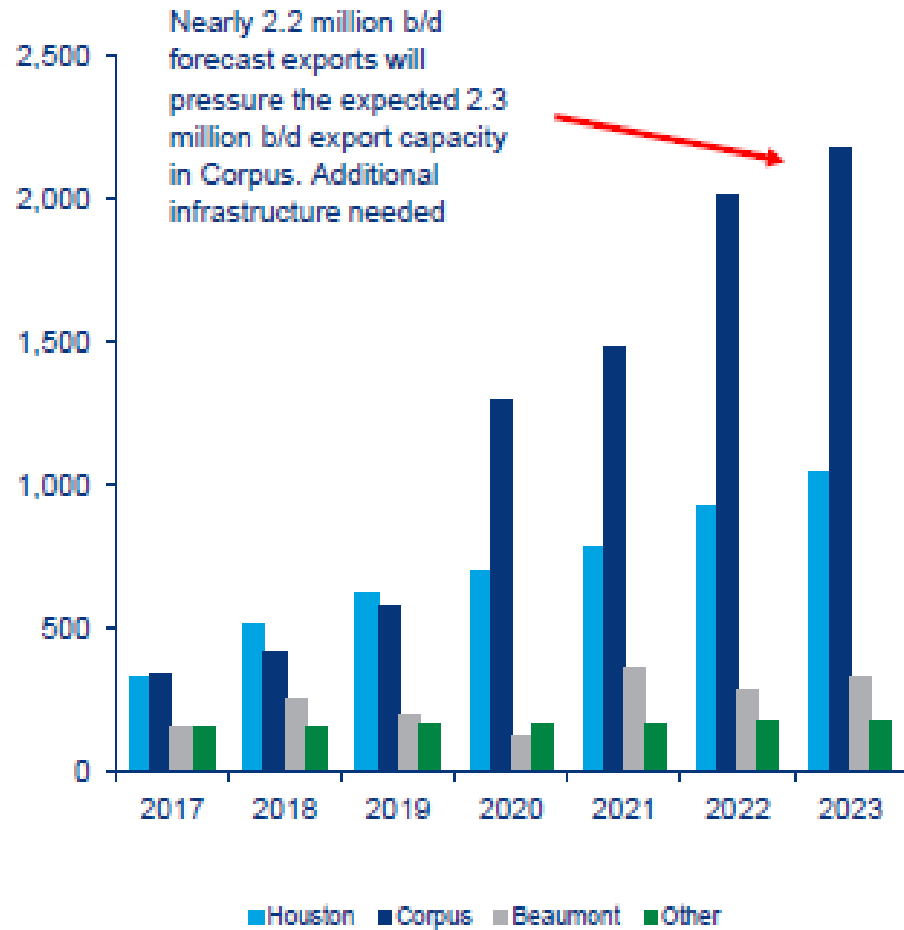
Corpus Christi Outbound Crude

Exports 2016-2018
(Barrels Per Day)

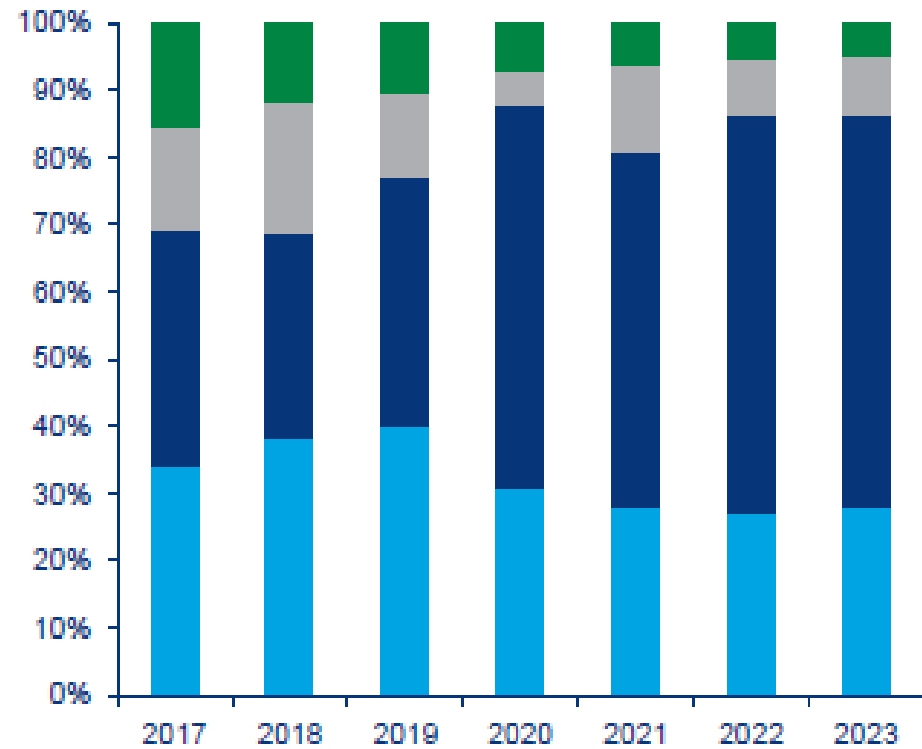


Corpus Christi Expected to have Highest % of Crude Exports

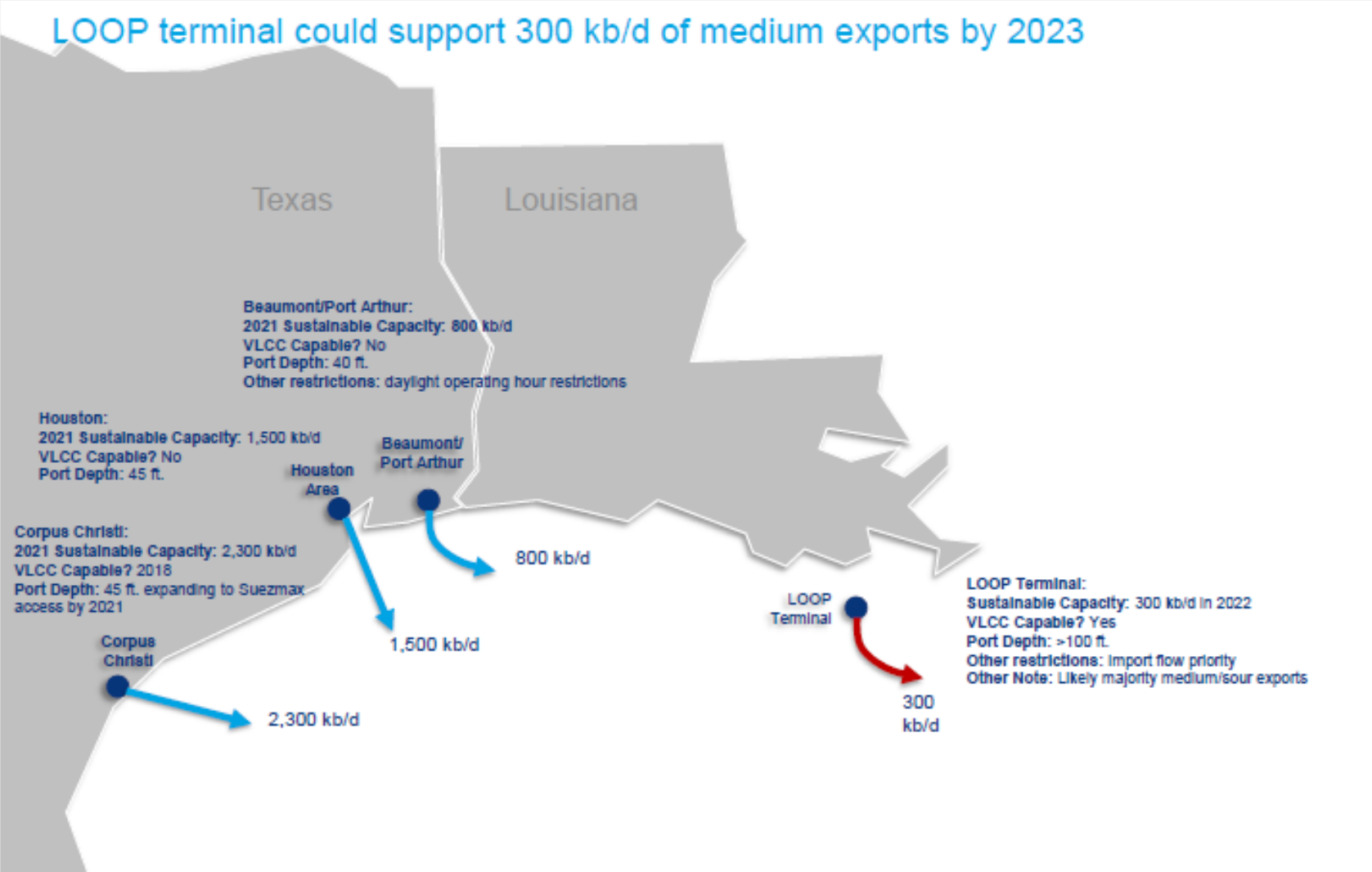
Forecast export volumes of US light crude by export hub (kb/d)




US light crude export hub market share %



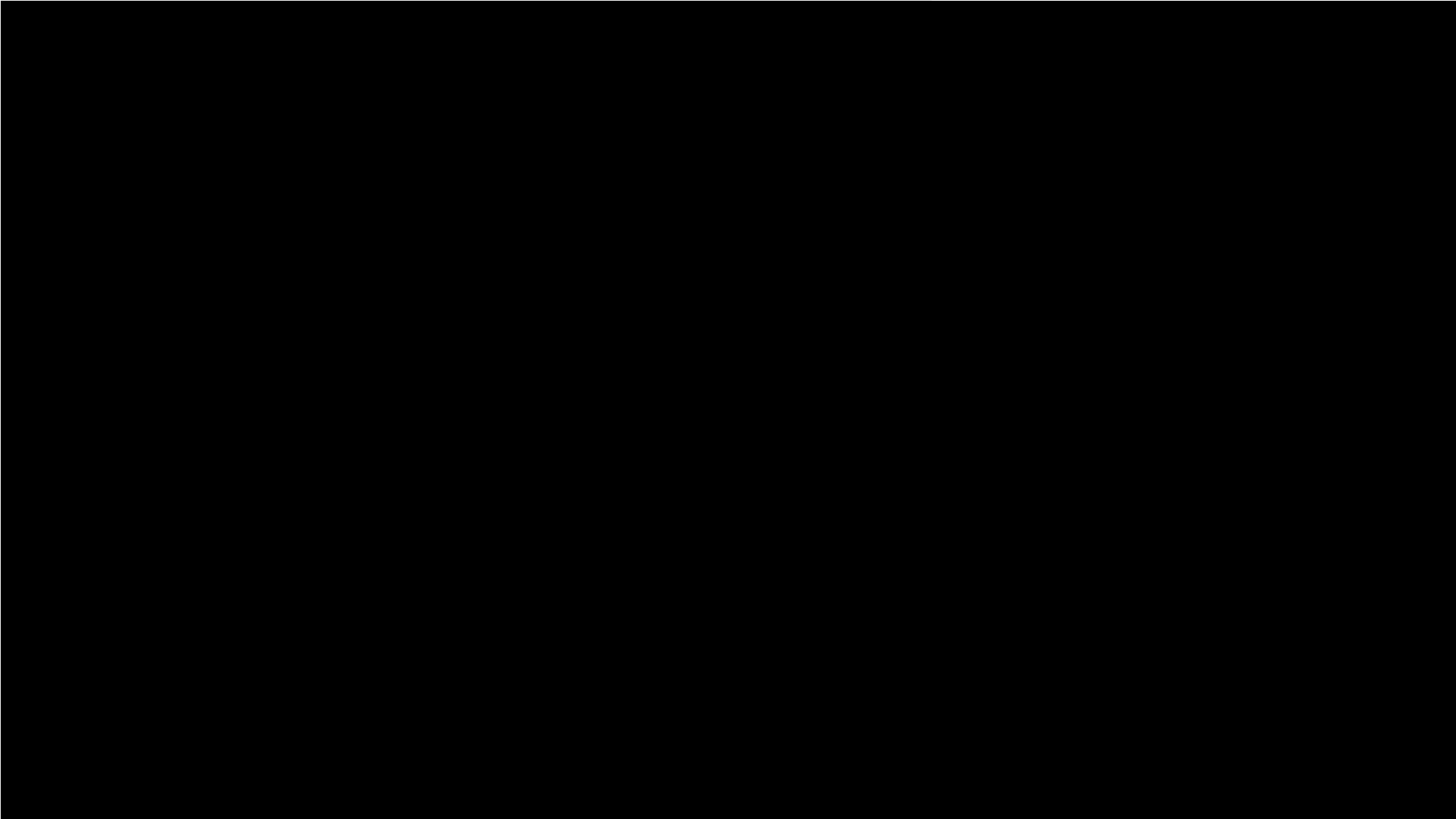
Proposed Marine Terminal Investments in Corpus Christi Could Bring Total US Crude Export Capacity to 4.6 mmbd by 2021



Source:
Wood Mackenzie – North American Crude Market Service



PORT CORPUS CHRISTI
SHIP CHANNEL
IMPROVEMENT PROJECT



Implementation of Channel Improvement Project



Harbor Island – Future Deep Draft Crude Export Terminal



PORT CORPUS CHRISTI
PILLARS OF SUCCESS



Job Creation &
Economic
Development



Environmental
Stewardship &
Sustainability



Educational &
Workforce
Development



Safety & Corporate
Social
Responsibility

PORT CORPUS CHRISTI EXPECTATIONS FROM INDUSTRY PARTNERS –
DELIVER WHAT YOU PROMISE

PORT CORPUS CHRISTI
STAY CONNECTED



Facebook

[Facebook.com/PortCorpusChristi](https://www.facebook.com/PortCorpusChristi)



Twitter

[@POCCAport](https://twitter.com/POCCAport)



LinkedIn

[PortCorpusChristi](https://www.linkedin.com/company/PortCorpusChristi)

PortofCC.com



THANK YOU
QUESTIONS?



Ship Channel Distances

| FROM | TO | Nautical Miles |
|-------------------------------------|------------------------------|----------------|
| Station 210+00 In Gulf of Mexico | Port Aransas Inner Basin | 3.9 |
| | La Quinta Junction | 12.5 |
| | Harbor Bridge | 22.1 |
| | Bulk Terminal | 25.5 |
| | West End - Inner Harbor | 29.4 |
| | West End - La Quinta Channel | 18.4 |
| La Quinta Junction | La Quinta Terminal | 5.3 |
| | End of La Quinta Channel | 5.9 |
| | Harbor Bridge | 9.6 |
| Harbor Bridge | Bulk Terminal | 3.4 |
| | West End - Inner Harbor | 7.5 |

- PORT AUTHORITY FACILITIES
- INDUSTRIAL OPERATIONS



Copyright © Don Rodman 2.23.17



Depth: -49' MLLW
Authorized to -56' MLLW
STATION 210+00
EAST END OF
FEDERAL CHANNEL