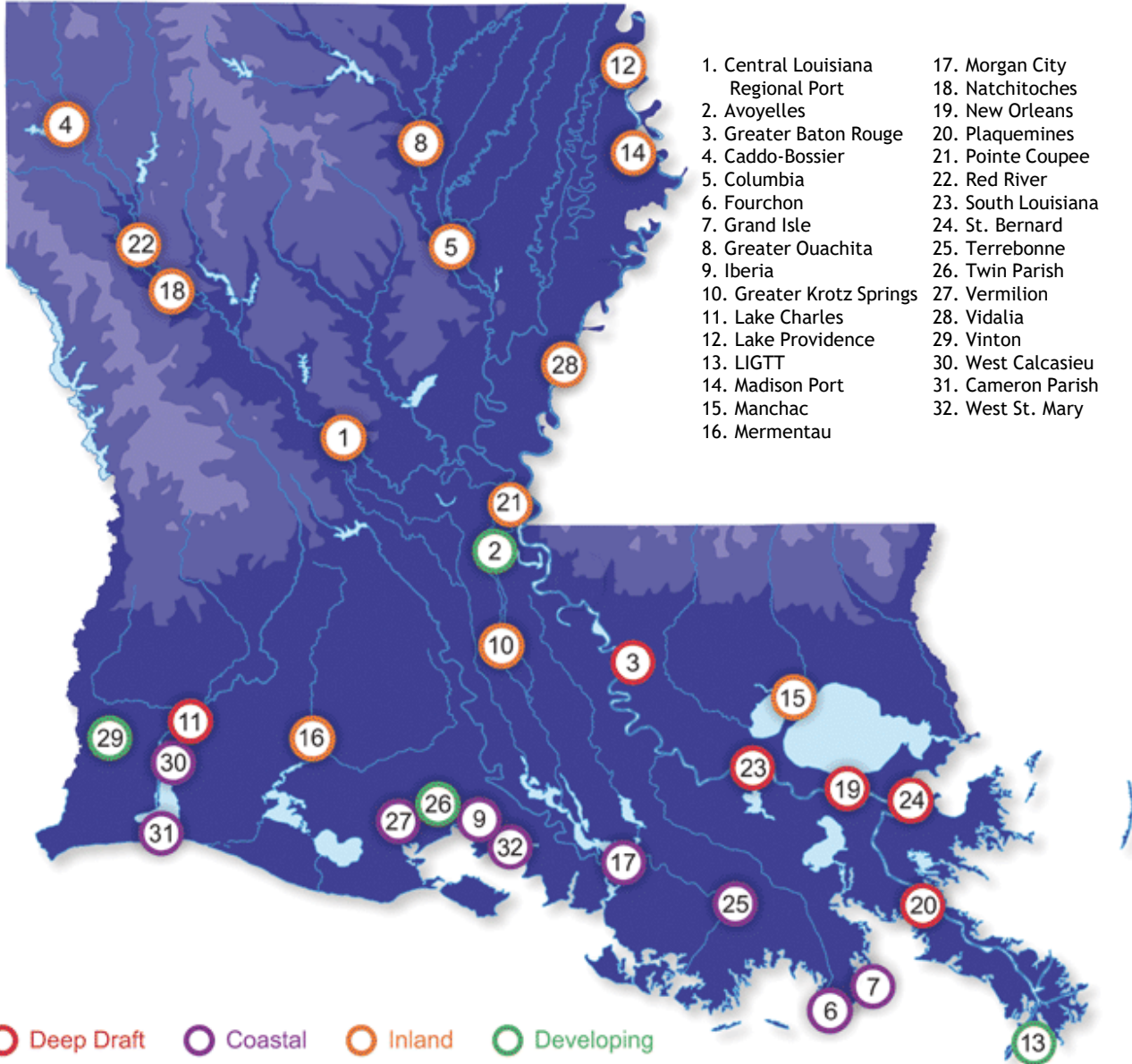


# **Louisiana Ports Deliver**

**Presented By: Jennifer Marusak, MA, CPE, Executive Director**



# Ports Impact Every Region of Louisiana



1. Central Louisiana Regional Port
2. Avoyelles
3. Greater Baton Rouge
4. Caddo-Bossier
5. Columbia
6. Fourchon
7. Grand Isle
8. Greater Ouachita
9. Iberia
10. Greater Krotz Springs
11. Lake Charles
12. Lake Providence
13. LIGTT
14. Madison Port
15. Manchac
16. Mermentau
17. Morgan City
18. Natchitoches
19. New Orleans
20. Plaquemines
21. Pointe Coupee
22. Red River
23. South Louisiana
24. St. Bernard
25. Terrebonne
26. Twin Parish
27. Vermilion
28. Vidalia
29. Vinton
30. West Calcasieu
31. Cameron Parish
32. West St. Mary

**Ports enable key  
INDUSTRIES  
to flourish in Louisiana**

# Mississippi River is the Backbone of the Nation's Water Commerce



**Five Lower Mississippi River ports  
comprise the largest port complex in  
the world**

**Louisiana ports carry 25% of U.S.  
waterborne commerce**

**70% of the nation's grain**

**20% of the nation's coal**

**14,500 mile inland waterway system  
including rivers & intracoastal  
waterways**

# Ports Connect & Enhance Markets for Major Industries

**Transportation &  
Warehousing**



**Mining -  
Includes Oil & Gas**



**These industries anchor  
the Louisiana economy**

**These industries could  
exist without ports but  
with much higher costs**



**Manufacturing**



**Agriculture**

**These industries are high  
volume exporters and  
importers**

# Global Trade

## Economic Impact of Louisiana Industries with Global & National Trade

Industries	Direct Spending	Economic Output	Personal Earnings	State Taxes	Local Taxes	Jobs Created
Agriculture, Oil & Gas, Petrochemical, Food Manufacturing, Wood & Paper Products, Coal, Fabricated Metals & Related Products	\$ 96.1 Billion	\$ 182.1 Billion	\$ 32.9 Billion	\$ 2.4 Billion	\$ 1.8 Billion	525,000

# Economic Impact of Ports on Louisiana

**Louisiana Industries with National & Global Trade**



**Create 525,000 Jobs**

**Port Reliant Industries**



**1 in 5 Jobs in Louisiana**

**Direct Spending by Ports, Tenants & Businesses**



**\$4.1 B in Personal Earnings  
77,000 Jobs**

**More Direct Jobs than Oil & Gas Industry**



**40% - 45% More**

**State Tax Collections  
Local Tax Collections**



**\$298 Million  
\$235 Million**



**DEEP WATER PORTS - Support Global Trade**



**COASTAL PORTS - Enable Energy Industry**



**INLAND PORTS - Drive Local Economics**

# Importance of Deep Draft Ports

## Port of South Louisiana

Ranks #1 in the western hemisphere for most tons of cargo transported through its public/private docks; imports/exports more than 300 million tons annually

## Port of Lake Charles

Center for LNG operations;  
\$85 Billion natural gas related industrial development

## St. Bernard Port

Ships 36% of the nation's ferroalloys; handles bulk & breakbulk; home to one of the nation's only ISO tank cleaning facilities

## Plaquemines Port

More than 55 million tons of grain, petrochemicals & coal pass through annually

## Port of New Orleans

Multimodal transportation hub and an economic engine driven by diverse lines of business: extensive cargo capabilities, a strategically aligned railroad, a large industrial real estate portfolio and in-demand cruise operations. Port NOLA's diverse business lines include Louisiana's only international container terminal, growing the nation's largest container-on-barge service, 6<sup>th</sup> largest cruise port in the nation, New Orleans Public Belt Railroad connections to six Class 1 railroads, world-class breakbulk terminals.

## Port of Greater Baton Rouge

Strategically located at the head of deep-water navigation on the Mississippi River and possessing robust maritime infrastructure capable of handling general, breakbulk, liquids and containerized cargoes, with a continued mission of promoting domestic and international commerce

# Importance of Coastal Ports

***LA is the 2<sup>nd</sup> Largest Producer of Crude Oil & 2<sup>nd</sup> Largest Producer of Natural Gas in the U.S.***

Port of Terrebonne, Port of Morgan City, Port of Vermilion & Port of Iberia

Oil & gas industry fabrication and supply base  
Fabrication and shipbuilding projects that support our national defense and supporting clean energy initiatives and LNG projects on the Calcasieu and Mississippi Rivers

West Calcasieu Port

Anchors GIWW in SW La. - enables maritime-oriented services - barge fleetling, barge cleaning/repair (wet/dry), marine fueling, marine construction, diesel engine repair, construction equipment refurbishing.

Port Fourchon

Services 100% of all deep-water rigs in Gulf of Mexico  
Services 50% of all shallow-water rigs in Gulf of Mexico  
(18% of U.S. oil supply)

Cameron Parish Port, Harbor & Terminal District

\$35 billion in LNG export facilities, making Cameron Parish 3<sup>rd</sup> among nations in LNG export.  
Both a coastal and deep-water port.  
Contains 44 miles of GIWW & 33 miles of deep water.

Grand Isle Port

One of the highest shipping tonnages of any shallow water port in the state via 2 Federal Navigation Channels. Contributor to one of the largest commercial fishing industries in the Gulf Coast Region. Home to the state-of-the-art LDWF Research Facility servicing the Gulf of Mexico.

# Importance of Inland Ports

**Inland Ports Link Farmers to Global & National Markets**

**Provide Warehousing & Value-Added Services**

**Attracts Manufacturing, Distribution & Other Industries -  
Creating Jobs in Their Communities**

**Lake Providence**

**Largest tonnage of inland ports for agricultural products  
Fastest growing inland port in the U.S.**

**Port of Caddo-Bossier**

**4,000-acre industrial park and inland multi-modal  
distribution center with more than 13 companies;  
drives industrial growth in north Louisiana**

**Port of Krotz Springs**

**134 waterfront acres; 3.1 million overall annual  
tonnage**



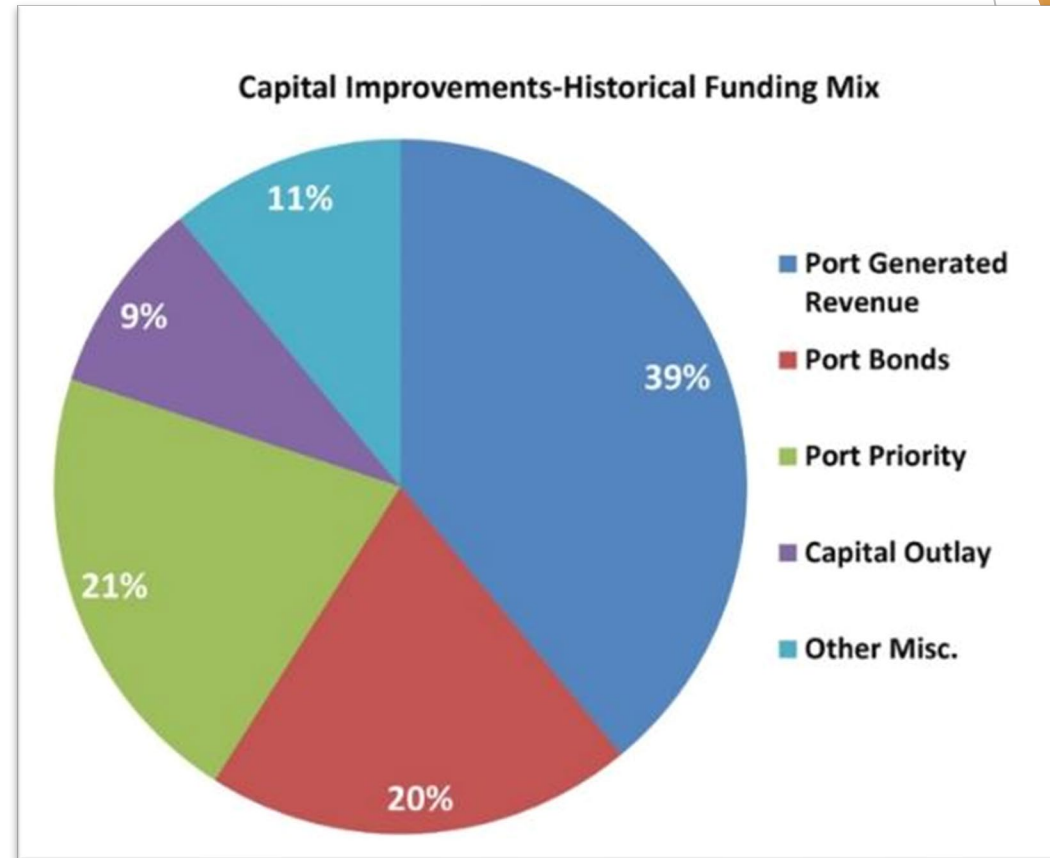
# Louisiana Ports Need Additional Port Infrastructure & Deeper Channels for Future Opportunities

- **Deep Water Ports on Mississippi & Calcasieu to Serve Panama Canal Expansion of Trade and \$70 Billion Natural Gas Related Industrial Development - *new commitment from Corp of Engineers - August 2020***
- **Coastal Ports to Serve Deep Water Drilling Vessels & Compete for Building Production Structures**
- **River Ports to Serve Increased Barge Traffic**



# Ports 5- Year Capital Improvement Plan

- **92 Projects at 21 Ports**
- **Total Estimated Cost \$1.8 Billion**
- **Represents Annual Need of \$360 Million Over 5 Years**
- **Louisiana 2015 Transportation Plan Recommends \$7.6 Billion for Ports & Channels By 2040**
- **DOTD Transportation Plan Recommends \$40 Million Per Year**



# Port Priority Fund

**Applications Scored & Ranked  
by DOTD**

**Historical Average:  
\$39 M Per Year under Gov. Edwards  
Additional \$25 M FY 2023 from Surplus**

**2021-2022 Port Priority Program  
Total Cost: \$220 Million  
State Share: \$154 Million**

**2022-2023 Port Priority Program  
Total Cost: \$210 Million  
State Share: \$128 Million**

## **2023 - 2024 Port Priority Program Projects**

**15 Continuing Projects, Total Cost = \$261 Million  
7 Additional Projects in the pipeline = \$99 million  
\$212 Million State Share, \$167 Million Current Backlog**

**Will create \$2.1 billion in economic benefits & create more than 1,800 jobs**

**State receives \$8 in taxes, jobs & benefits for \$1 investment**

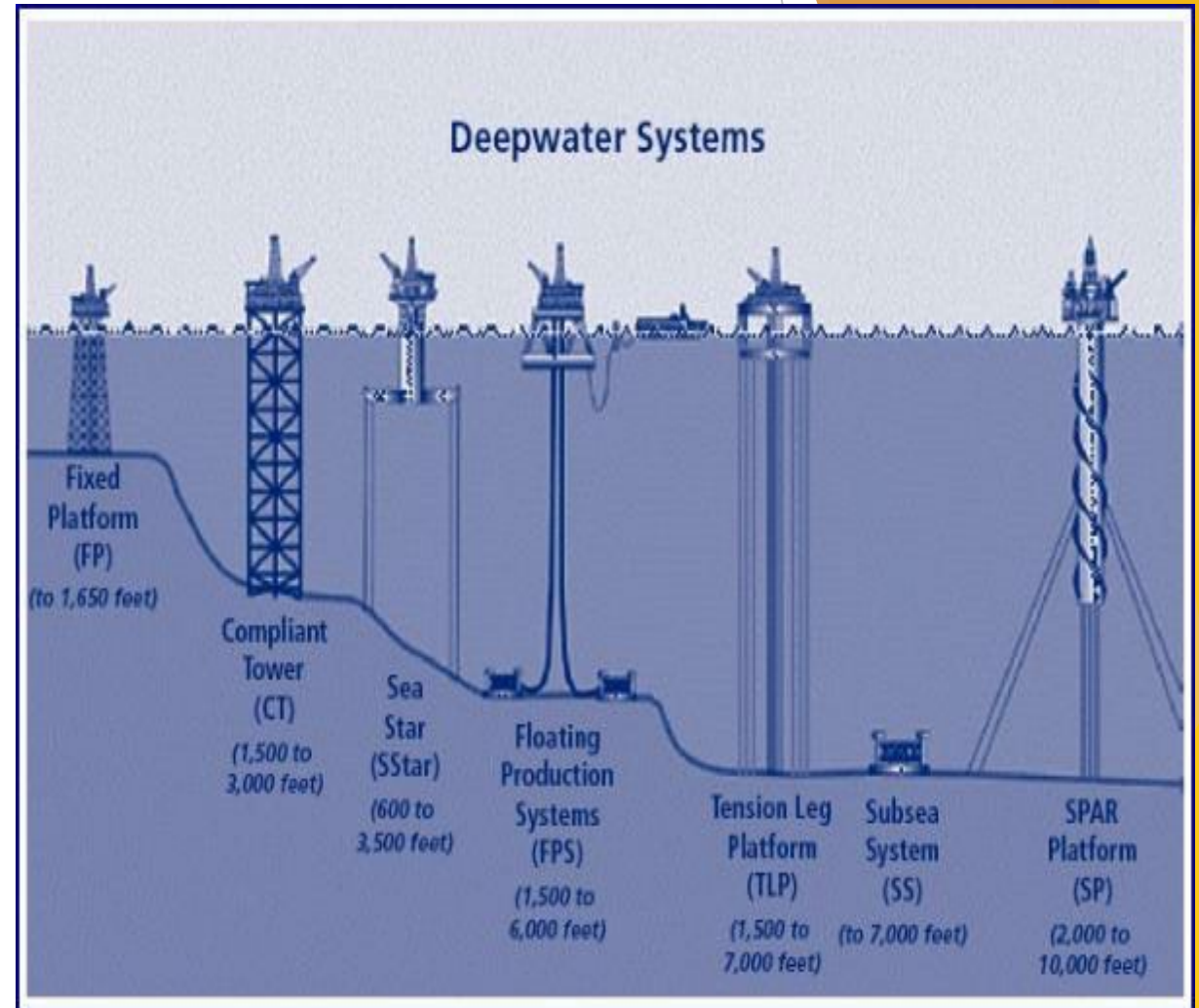
# Depth Constraints

As oil & gas exploration continues to reach greater depths, fabrication facilities need to be capable of handling larger and heavier components

LA and the nation lose ground to other petroleum producing nations, sacrificing its geographic advantage in central GOM and its deep water oil & gas reserves

Most tankers offloading at the Louisiana Offshore Oil Port (LOOP) are too large for U.S. ports

Without deeper channels LA ports will not have the opportunity to compete for new contracts necessary for the U.S./Louisiana to remain a global leader



# Importance of Mississippi River Deepening

**Benefits of Mississippi River at 50 ft**

**\$11.49 billion increase U.S. production**

**Minimum 17,000 new jobs**

**\$849 million increased income**

**\$89.4 to \$1 benefit/cost ratio**

**Increase competitiveness of U.S. exporters**

## **Legislation/Cost**

**2014 Water Resources Reform & Development Act (WRRDA) authorized deepening of Mississippi River from the Port of Baton Rouge to the mouth of the river from 45ft. to 50ft. - \$\$ allocated August 2020**

**Estimated Cost: \$300 million**

**LA's Share: \$150 million**



*Source: Dr. Tim Ryan PhD, The Economic Impact of Deepening the Miss. River to 50 Feet, 2013*

# Panama Canal Expansion

Newest expansion opened June 2016

Deepened canal from 39.5 feet to 50 feet  
Can accommodate post-Panamax vessels with up to  
14,000 TEUs - 1<sup>st</sup> LNG ship came from Sabine Pass

Panama Canal volume will grow from 12.3 million TEUs  
to 25.4 million TEUs handled annually by 2028 - tonnage  
increased by 22% in 1 year

Gulf Coast: volume will increase from 1.5 million TEUs to  
3 million TEUS

Four container ports will compete for that business in  
the Gulf: Houston, New Orleans, Mobile and Tampa.

Lower Mississippi River ports will benefit  
Dry & liquid bulk cargo such as grains & petrochemicals  
will be imported/exported more efficiently





# **Thank You**

**[www.PortsofLouisiana.org](http://www.PortsofLouisiana.org)**

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