



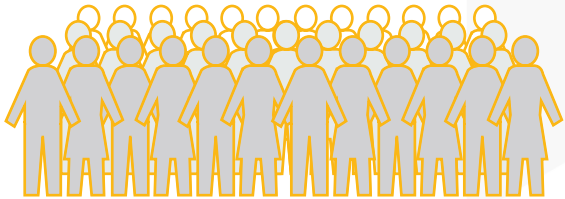
C H E M I C A L S

CATALYST FOR GROWTH



10,400+

existing chemical
manufacturing jobs in AL



Source: U.S. Bureau of Labor Statistics

Chemicals are
Alabama's

#2

export with

\$2.3B

in 2018



ALABAMA CATALYST FOR GROWTH

According to the American
Chemistry Council, for every

1

job created in the
chemical industry

7.1

jobs are created in other sectors

200+

chemical companies



Source: AL Dept. of Labor

ALABAMA CHEMICAL INDUSTRY

Alabama plays an increasingly prominent role in the U.S. chemical industry. Currently, chemicals are Alabama's second-leading export, with an export value of more than \$2.3 billion in goods annually. More than 200 chemical companies — such as industry leaders Olin, INEOS Phenol, SABIC, BASF and Evonik Industries — have operations in Alabama, producing a range of chemicals that includes caustic soda, oxidants, light stabilizers, emissions catalysts, phenol, acetone and a variety of specialty chemicals. Together, these companies employ over 10,400 Alabamians at locations across the state.

A substantial portion of Alabama's chemicals sector is concentrated in the MAST Chemical Corridor, near the port city of Mobile. The MAST corridor is home to 25 chemical manufacturers and a total of 27 facilities that collectively employ approximately 3,300 and have an annual economic impact of \$1.9 billion.

Companies operating in the MAST corridor have access to the nation's 11th-largest port by volume and five Class 1 railroads. At nearly 1,300 miles, Alabama's inland waterways system is the sixth-largest in the nation, with access to over 15,000 miles of inland and intercoastal waterways nationwide. Along with the presence of a skilled labor force, these advantages ensure that the MAST corridor will remain a strong base of operations for the chemical industry for decades to come.

Alabama is dedicated to the continued growth of its chemical industry. Five Alabama colleges have top-ranked undergraduate and graduate programs in chemical engineering and other related engineering disciplines. Additionally, the Alabama Department of Commerce and Alabama Industrial Development Training have workforce development programs that prepare Alabamians to help the chemical industry meet the challenges and opportunities of tomorrow.

The Alabama Gulf Coast Chemical Corridor stretches 60 miles through the Mobile area, including McIntosh, Axis, Saraland and Theodore (MAST). Current chemical operations include:

- Chlor-alkali production
- Resins and synthetic rubbers
- Specialty chemicals
- Synthetic fibers and filaments
- Coatings and adhesives
- Refinery operations

PORT OF MOBILE

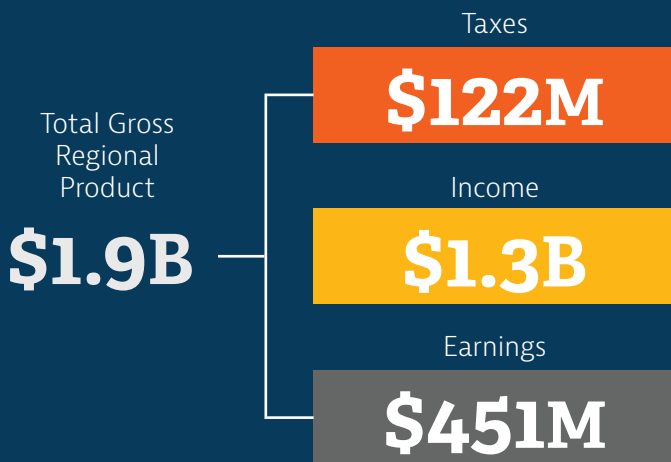
- Channel depth: The port features two harbors. The Upper harbor's channel is 40 feet in draft. The Lower harbor's draft size is 45 feet and typically services Post-Panamax ships carrying containers, steel and coal.
- 5 million square feet of warehouse and open yards
- The port's container, general cargo and bulk facilities have immediate access to two interstate systems, five class 1 railroads and access to 15,000 miles of inland/intercoastal waterway connections.

FAST TRACK PERMITTING

- Alabama has one-stop environmental permitting, and the Alabama Department of Environmental Management (ADEM) completes permitting applications within a short timeline, depending on the permit.
 - Minor source permits have a two-to-three month timeline
 - Major source permits have a six-to-seven month timeline

ECONOMIC IMPACT

Alabama's Gulf Coast Chemical Corridor is a vital contributor to the area's regional economy.



Source: EMSI 2018



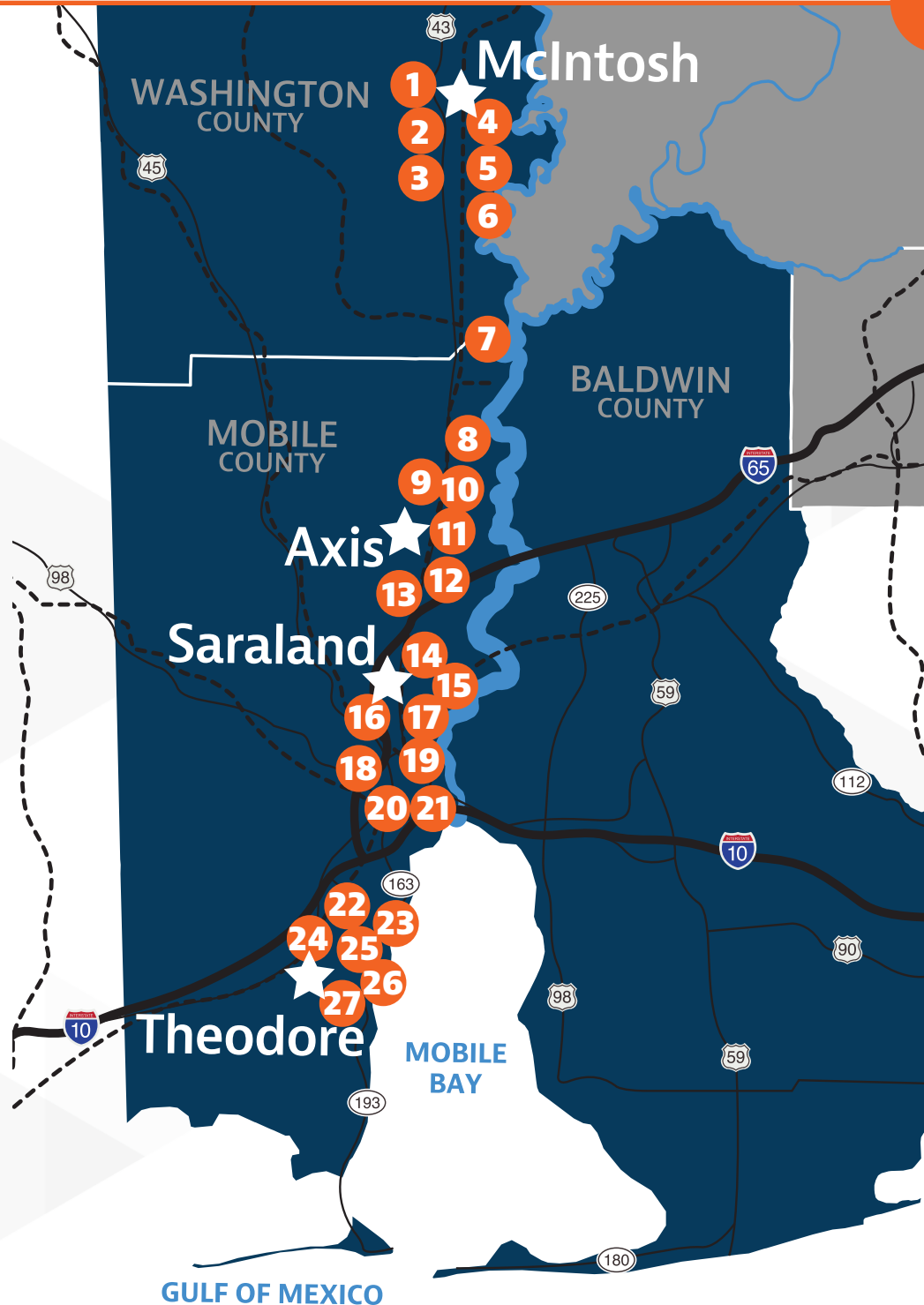
MAST

Alabama Chemical Growth Initiative

The MAST initiative positions the Alabama Gulf Coast Chemical Corridor to expand on its existing strengths and emerge as one of America's leading hubs for future growth of the chemical industry. MAST plays a critical role in highlighting synergies, identifying opportunities, recruiting companies and promoting a strategic approach to the continued economic development of the state.

Company Legend

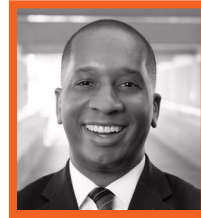
- 1| BASF
- 2| Praxair
- 3| Huntsman Advanced Materials
- 4| Bay Gas Storage
- 5| Olin Corp.
- 6| Tate and Lyle
- 7| Praxair
- 8| U.S. Amines
- 9| Arkema
- 10| Nouryon
- 11| Lenzing Group
- 12| FMC
- 13| AMVAC Chemical Corp.
- 14| Shell Chemicals
- 15| Linde Industrial Gases
- 16| Multisorb Technologies
- 17| Southern Ionics
- 18| Mobile Rosin Oil Co.
- 19| OxyChem
- 20| Honeywell UOP
- 21| Kemira
- 22| Mitsubishi Polysilicon
- 23| Praxair
- 24| Evonik Industries
- 25| INEOS Phenol
- 26| BASF
- 27| BASF Agricultural Solutions



To learn more about locating and growing
your company in Alabama, please contact:



Amendi Stephens
Industrial Business Development
205.257.3947 (office)
404.583.3269 (cell)
amendi@MASTalabama.com



Ron Moore
Project Manager, Existing Industry
251-694-2541 (office)
251-331-3456 (cell)
rogmoore@southernco.com



Economic and Community Development
600 North 18th Street | P.O. Box 2641
Birmingham, AL 35203

www.MASTalabama.com
www.amazingalabama.com

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