Southwest Louisiana: Bracing for the Boom
The Lake Charles Harbor & Terminal District:

- The Port of Lake Charles was authorized by the State of Louisiana in 1924 and opened for business in 1926
- Covers 203 square miles
- Owns and operates 5,000 acres
- 11th-largest Port District in U.S.

(U.S. Army Corps of Engineers 2013 Data)
The Port of Lake Charles has two lines of business:

**MARINE**
- Bulk Terminal #1: 81 acres (petroleum coke, rutile, barite, coal)
- Bulk Terminal #4 (leased): 8 acres (aggregate)
- City Docks: 200 acres (12 deep-water berths, 1.6 million sq. ft. covered storage)

**INDUSTRIAL** – 44 Tenants
City Docks

- 200 acre facility
- 12 deepwater berths
- 1.6 million sq. ft. covered storage
- First new grain elevator built in the Gulf Coast in over 40 years
- Operating on 18.8 miles of track
- Short Line Railroad (Port Rail)
The Calcasieu Ship Channel: A Strategic Energy Waterway
Calcasieu Ship Channel

• Stores 1/3 of the U.S. Strategic Oil Reserve
• Produces 8% of all transportation-related petroleum products used daily in U.S.
• Home to the 4th-largest refinery in the U.S.
• Currently home to the nation’s largest LNG plant
• 11th-largest seaport district in the United States
• Handles over 56 million tons of cargo annually

(2013 U.S. Army Corps of Engineers)
Southwest Louisiana’s Economic Boom
83.7% Channel Related

### Retained Jobs:
- 1,805

### Permanent Indirect Jobs:
- 6,615

### Construction Jobs:
- 30,475

### Permanent Induced Jobs:
- 6,145

### Permanent Direct Jobs:
- 3,633

**Source:** SWLA Alliance

Yellow denotes channel related
A Short History of LNG
A Short History of LNG

1817 Michael Faraday made the first LNG
1912 The first LNG plant was built in West Virginia
1941 The first commercial LNG plant was built in Cleveland, Ohio
1959 The first shipment of LNG took place from USA to UK
1964 The first LNG supply contract started (Algeria to UK)
1984 Six countries manufacturing LNG. World fleet: 45 vessels
1994 Eight countries manufacturing LNG. World fleet: 75 vessels
2004 Eleven countries manufacturing LNG. World fleet: 170 vessels
2007 First diesel-electric LNG vessel
2008 First dual-fuel LNG vessel
2010 Fourteen countries manufacturing LNG
2011 LNG world fleet: 420 vessels
Industry Milestone:
The first natural gas shipment left from Lake Charles on June 1, 1959 and arrived in the UK 15 days later.
What’s Causing the Boom?
Natural gas transmission pipelines
Lake Charles is strategically located on the U.S. crude and product pipeline infrastructure.
What Are the Community’s Concerns About the Boom?
Concerns About the Boom:

*With unprecedented growth...*

- Housing shortage?
- Inadequate infrastructure?
- Effect on quality of life?
- Effect on small business, education, etc.?
The citizens of Southwest Louisiana have, over the last two years, been addressing these concerns and have worked diligently with the state, parishes and local stakeholders to make the required changes to welcome these proposed industries.
What Are the Good Things About the Boom?
The Good Things

Revenue to the state, parishes and local communities

Additional high-paying jobs

Infrastructure Improvements:
Roads, utilities, drainage, water treatment plants

Permanent and temporary housing

Quality of life improvements

Growth of ancillary businesses, education opportunities, entertainment and more…
Thank You