

Sempra Infrastructure

North America Energy Integration

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ORGANIZATION



Sempra, a publicly traded (NYSE: SRE) Fortune 500 company, is the largest utility holding company in North America, serving 10% of US population, and developing energy infrastructure for the global markets through its controlling interest in Sempra Infrastructure

150+ Years

Experience in Natural
Gas Supply,
Transmission

BBB+

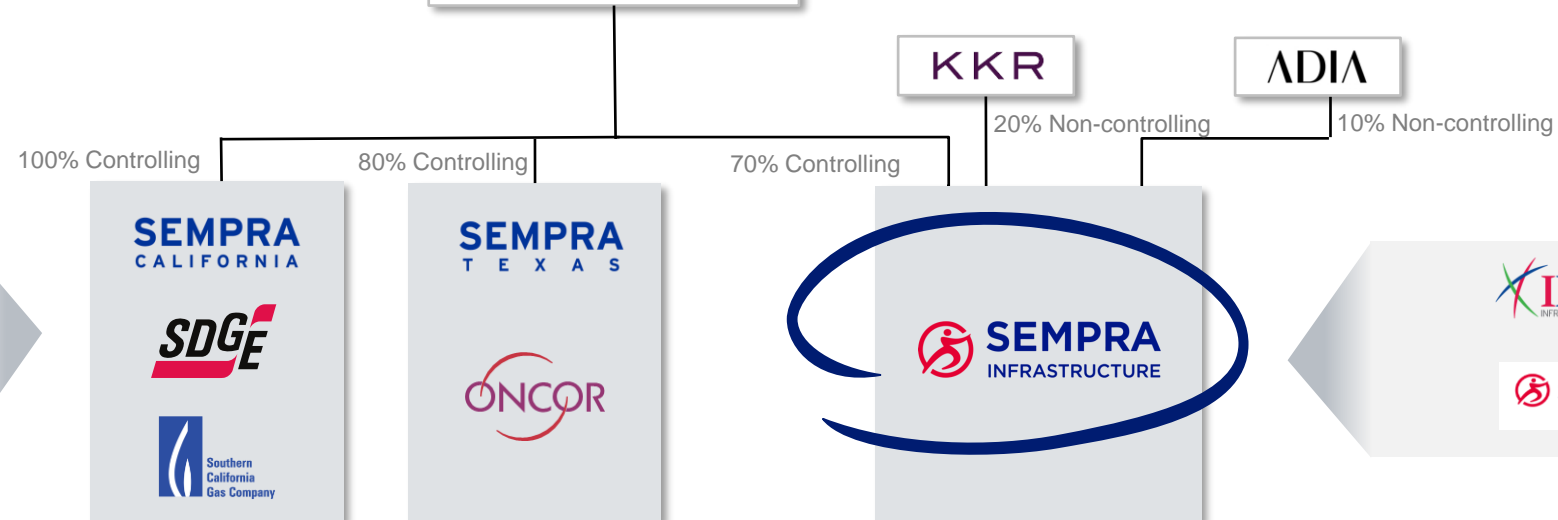
S&P Rating

US\$72 Billion

Total Assets

~40 Million

Customers Served

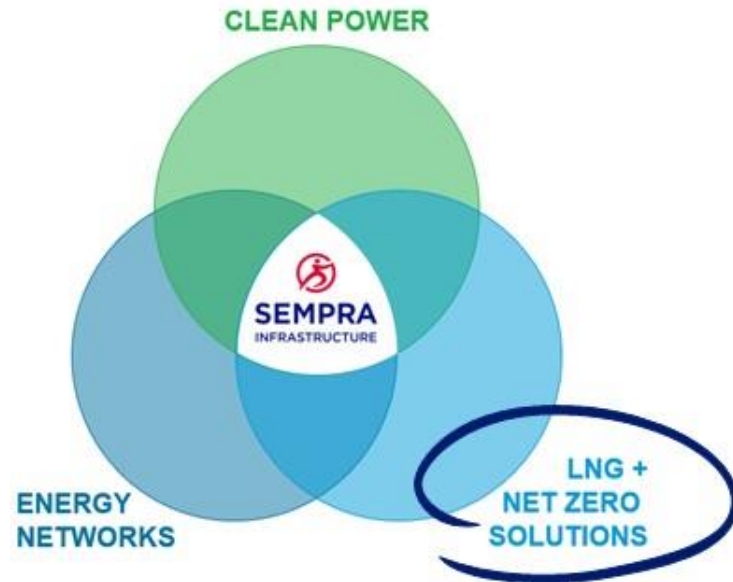


Sempra California & Sempra Texas:

- Own over 180,000 km of natural gas pipelines
- Own nearly 300,000 km of electric transmission and distribution lines

Investment grade company with over US\$13 billion of energy infrastructure assets

Three Business Lines



LNG & Net Zero Solutions

- 28 Mtpa of LNG export plants in operation or under construction
- 30+ Mtpa of LNG export under development
- Developing CCUS, hydrogen and ammonia opportunities

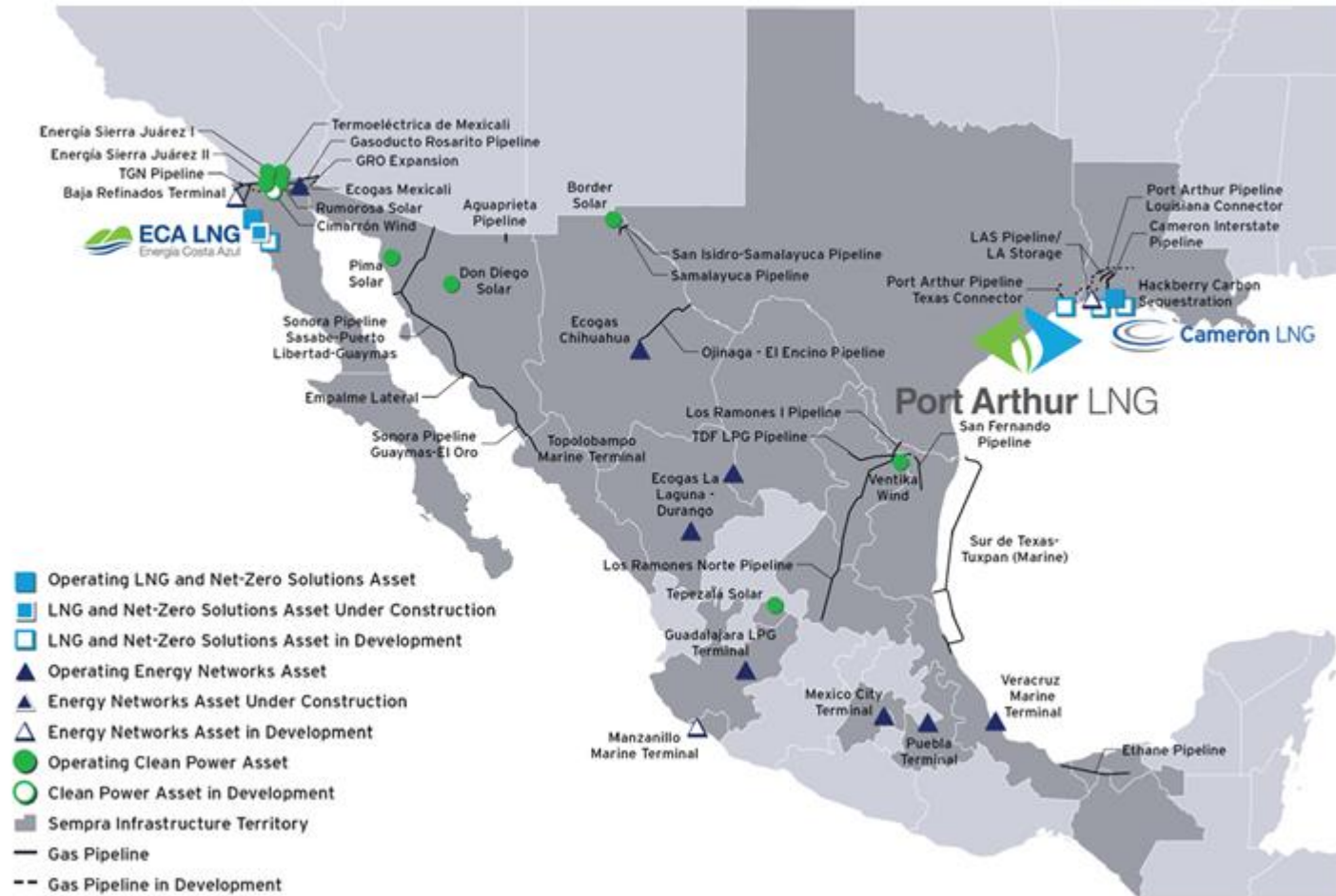
Clean Power

- 1 GW of renewables in operation and over 3 GW in development

Energy Networks

- 2,900 km of natural gas pipelines and refined products storage
- 2.7 million+ barrels of refined products storage capacity

Asset Map



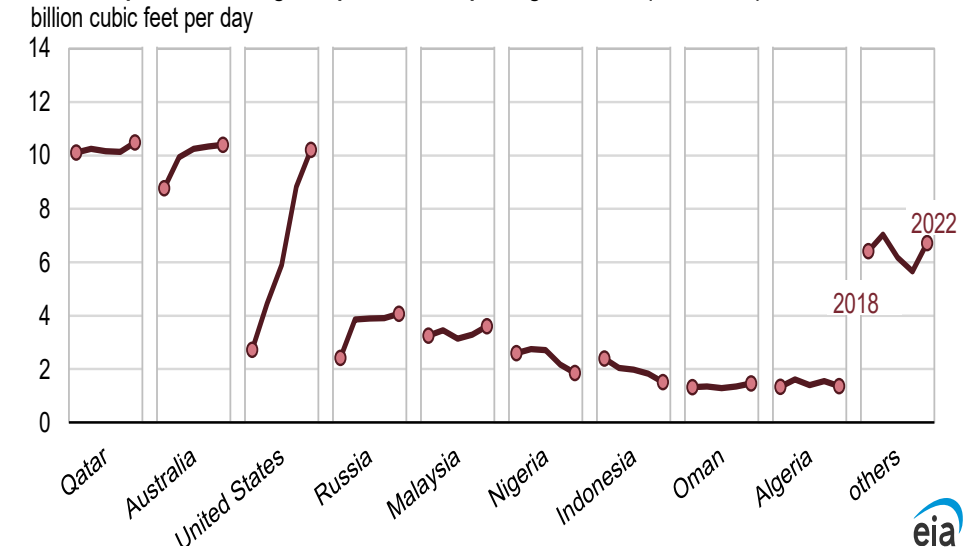
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NORTH AMERICA WORLD'S ENERGY HUB

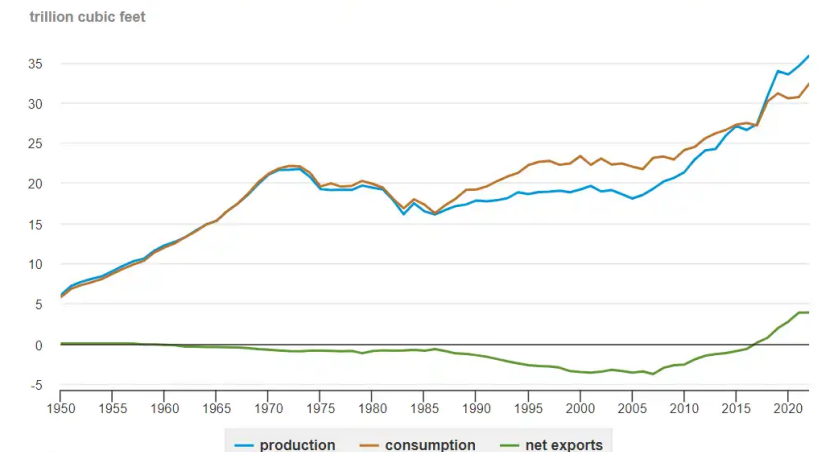
NORTH AMERICA AS NEW ENERGY HUB

- The US has become the top LNG exporter as of July 2023
- Geopolitical disturbances
- The Permian Basin with an estimated recoverable resource of five hundred trillion cubic feet, at the current production rate, it can produce over 85 years more.
- To export this resource, North America must continue developing liquefaction infrastructure.
- In the long term, the Inflation Reduction Act (IRA) fosters the development of more sustainable projects, such as Carbon Sequestration and Hydrogen, which will feed the world in the future.

Annual liquefied natural gas exports from exporting countries (2018–2022)



U.S. natural gas consumption, dry production, and net exports, 1950–2022

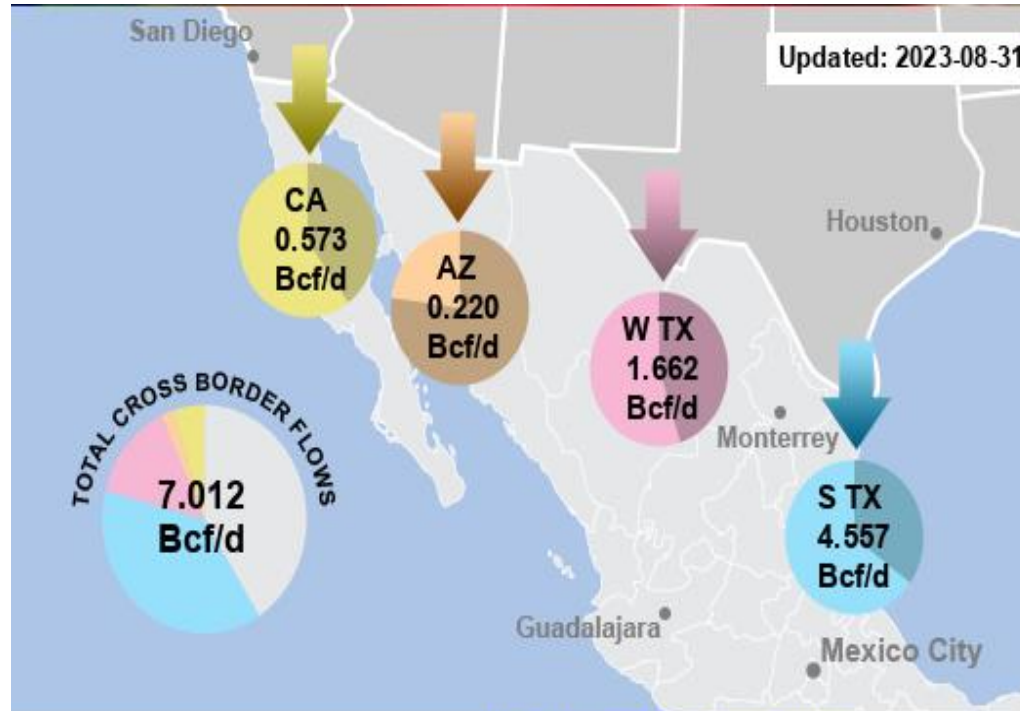


eia Data source: U.S. Energy Information Administration, Monthly Energy Review, April 2023; data for 2022 are preliminary

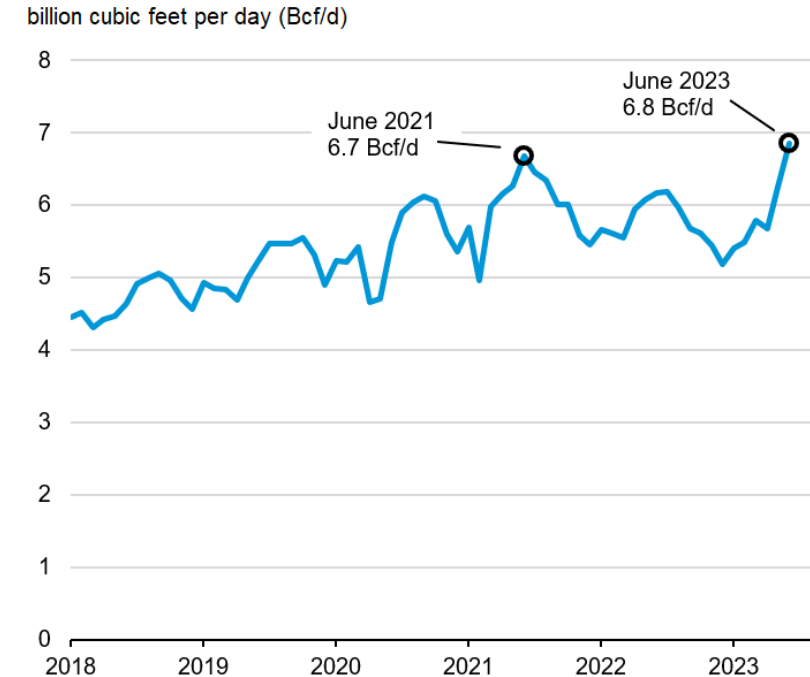


NATURAL GAS TRADE US – MEXICO

US NATURAL GAS EXPORTS TO MEXICO



U.S. monthly natural gas pipeline exports to Mexico (2018–2023)



- U.S. natural gas pipeline exports to Mexico averaged a record 6.8 billion cubic feet per day (Bcf/d) during June 2023
- 18 natural gas entry points between Mexico and the US, 11 operated/owned by Sempra Infrastructure
- New pipelines, higher economic activity, increased natural gas power generation, and lower domestic gas production are supporting demand for US imports. LNG export projects in Mexico will sustain this demand

Diverse portfolio with liquefaction projects
 located in Gulf Of Mexico and on Pacific Coast

Liquefaction Projects



Cameron LNG

- Trains 1-3, ~12 Mtpa
- In operation since 2019**
- Louisiana, USA
- Train 4, ~6 Mtpa
- Under Development**
- Target FID: 2024



ECA LNG

Energía Costa Azul

- Train 1, 3.25 Mtpa
- Under Construction**
- FID in 2020, COD mid-2025
- Baja California, Mexico
- Trains 2-3, ~12 Mtpa
- Under Development**



Port Arthur LNG

- Trains 1-2, ~12 Mtpa
- Under Construction**
- FID in 2023, COD in 2027
- Texas, USA
- Trains 3-4, ~12 Mtpa
- Under Development**
- Target FID: 2024



* Projected nameplate capacities represent 100% of the project, not Sempra Infrastructure's ownership share. Capacities are illustrative and approximate.

OPERATIONAL & UNDER CONSTRUCTION PROJECTS



Trains 1-3: Operational



- SI led the \$11 billion brownfield liquefaction development on the U.S. Gulf Coast
- Three-train facility started operations in 2019 with joint venture partners Mitsui, Mitsubishi/NYK and TOTAL Energies
- Tolling facility producing over 12 Mtpa for our three partners



Train 1: Under Construction



- 3.25 Mtpa capacity currently under construction near Ensenada, Baja California, Mexico
- Joint venture with TOTAL Energies (16.6%)
- 20-year offtake agreements with Mitsui and TOTAL Energies
- Commercial operations expected in 2025

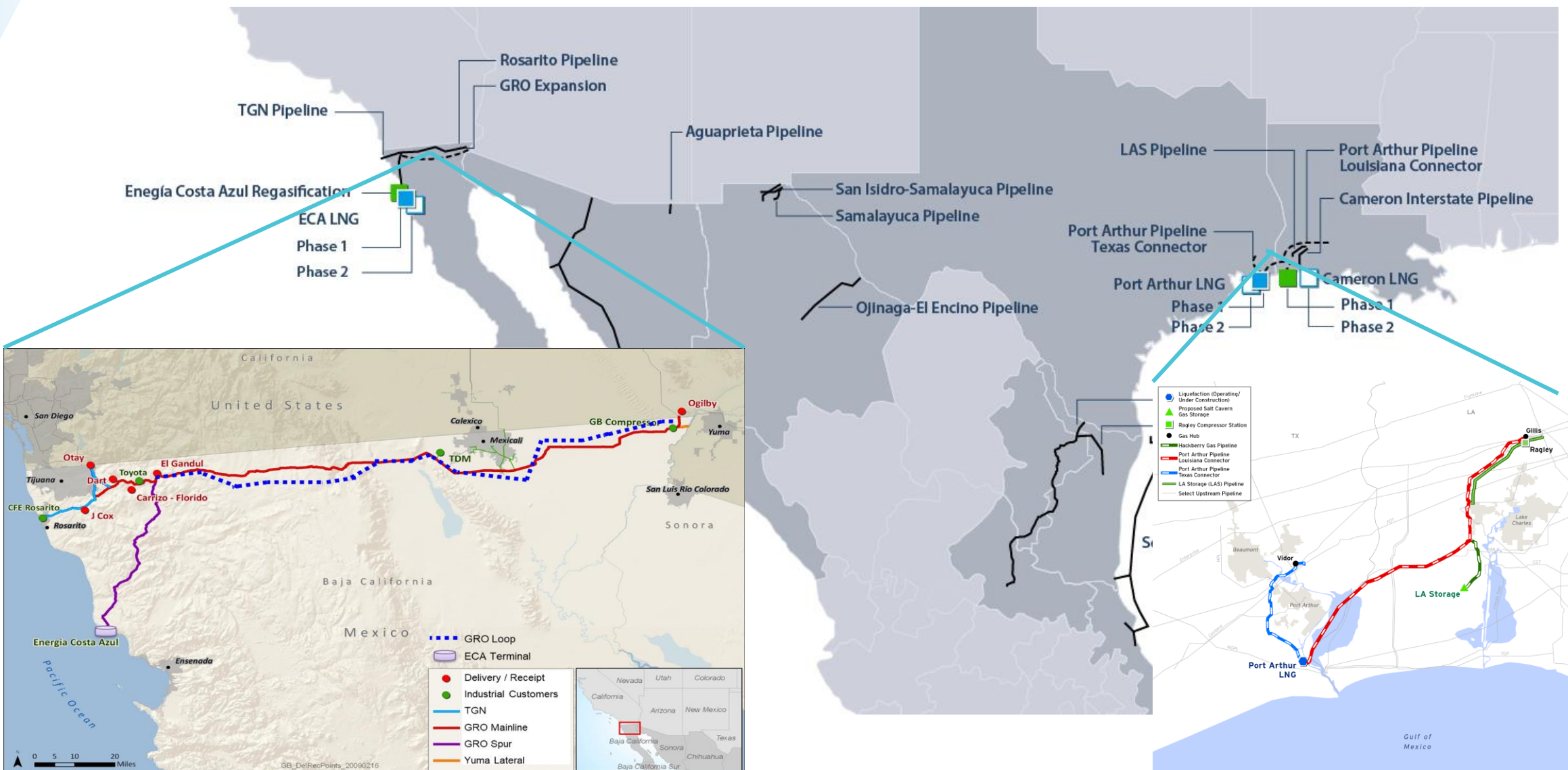


Regulatory
Agencies

Codes &
Standards



LIQUEFACTION PROJECTS





Pretreatment



Ground Flare & Refrigerant Storage



Liquefaction Train

Unique Project Features

- APCI DMR Liquefaction Train ~3.3 MTPA capacity
- Smallest onshore liquefaction train footprint
- Only LNG Project in the World to achieve Final Investment Decision in 2020 during Covid-19 pandemic

Project Achievements

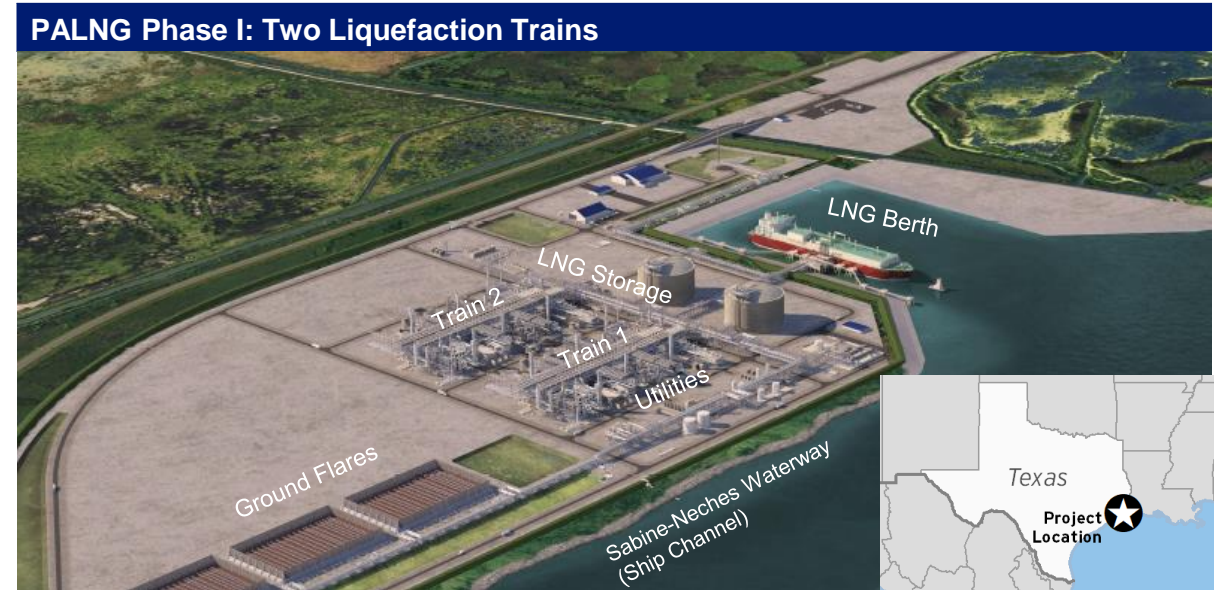
- Over **8,000,000** workhours without a Lost Time Accident
- National content target of 35% of total capital costs
- Safely completed the transportation of all heavy/oversized equipment
- ~95% of all Purchase Orders awarded for the Project







- 12 Mtpa, two train facility located 30 kilometers inland from the Gulf of Mexico on 3,000 acres of Semptra Infrastructure-owned land
- EPC awarded to Bechtel
- Proven C3MR APCI licensed technology used in over 70% of global liquefaction plants today
- Offtake fully subscribed to INEOS, RWE, Engie, Orlen and ConocoPhillips
- Reached FID in March 2023



PALNG Phase I Overview

Site Location	Jefferson County, TX
Site Size	~900 acres
Site Assets	2 LNG trains, 2 storage tanks, 1 marine berth
Exportable Capacity	12 Mtpa
Construction Framework	Fixed price turnkey EPC with Bechtel



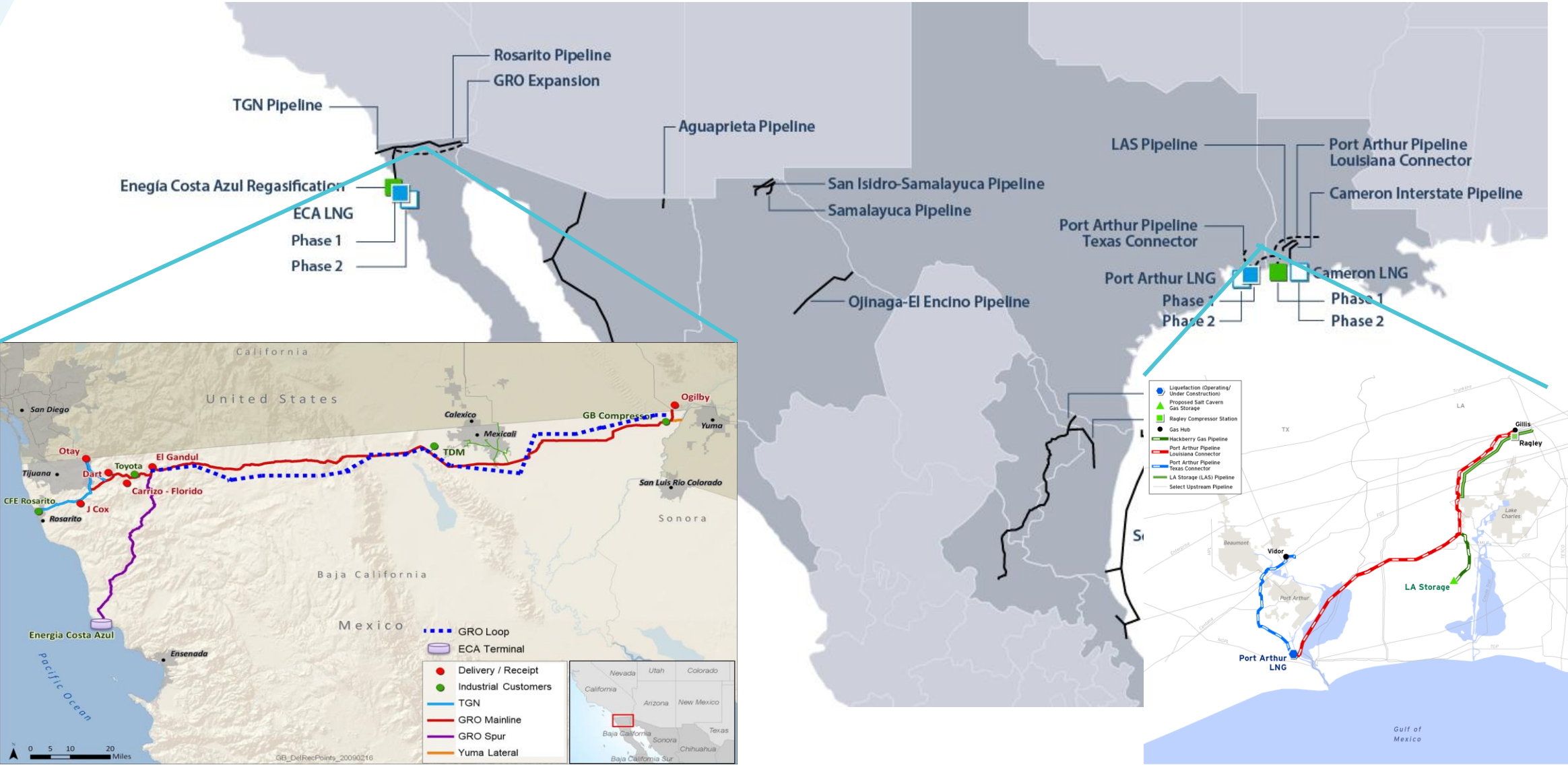
Port Arthur LNG PHASE 1 CONSTRUCTION STATUS



SEMPRA
INFRASTRUCTURE



LIQUEFACTION PROJECTS



NET ZERO SOLUTIONS BUSINESS

CA and North West Net Zero Hubs

- Clean ammonia exports to Asia
- Clean hydrogen to California, Oregon and Washington

Net Zero Hubs Around LNG Platform

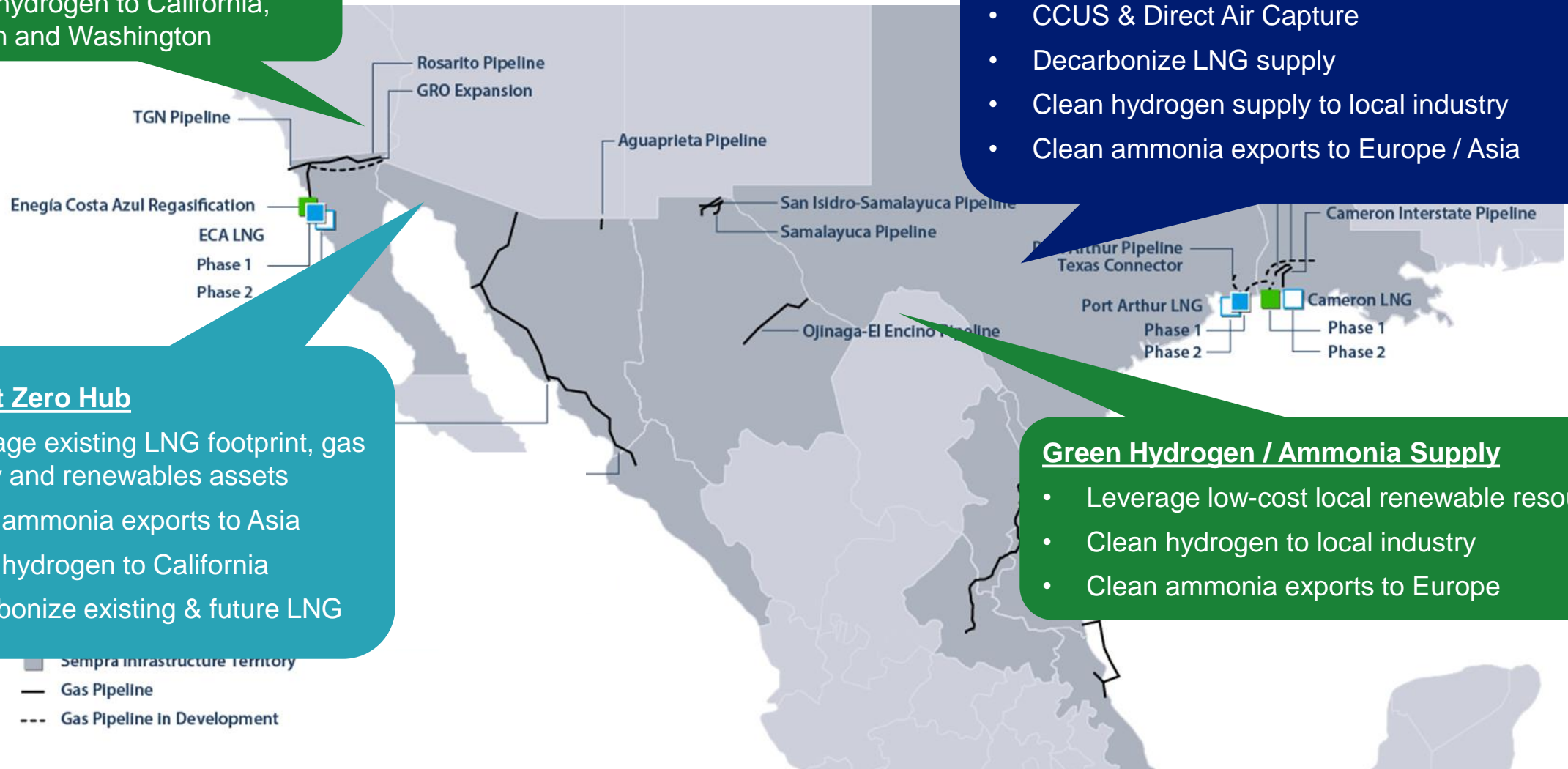
- Large-scale clean hydrogen / ammonia production
- CCUS & Direct Air Capture
- Decarbonize LNG supply
- Clean hydrogen supply to local industry
- Clean ammonia exports to Europe / Asia

Baja+ Net Zero Hub

- Leverage existing LNG footprint, gas supply and renewables assets
- Clean ammonia exports to Asia
- Clean hydrogen to California
- Decarbonize existing & future LNG

Green Hydrogen / Ammonia Supply

- Leverage low-cost local renewable resources
- Clean hydrogen to local industry
- Clean ammonia exports to Europe





Q & A