

Megaprojects

A megaproject is a highly complex, large-scale investment project with multiple partners and stakeholders that often costs \$1 billion or more and takes years to build. Megaprojects are important from a global perspective because they deliver economic and social needs and value and can provide decades of benefits. Unfortunately, two-thirds of all megaprojects fail by consistently experiencing poor performance against the initial forecasts by going over budget, failing to meet deadlines and schedule, and not meeting financial metrics and production goals. Some of the numerous challenges facing megaprojects that can negatively impact their success include:

- Numerous partners and stakeholders with competing interests
- Unrealistically optimistic estimates and schedules
- Poor execution from planning through design and construction
- Incorrect and incomplete design, typically leading to scope changes
- Unstable management structure and staffing challenges
- Inadequate processes and controls in place to manage schedule, costs, and scope change
- Poor risk management, resulting in delays, shortages, and costs that could have been managed
- Regulatory and host country community issues

GlassRatner (formerly Interface Consulting) has unique experience working throughout the lifecycle on megaprojects, from project advisory and risk analysis and management to construction management, scheduling, claims, and dispute services. Our seasoned industry experts can assist stakeholders with their needs by:

- Providing the proper analysis, estimation, and evaluation of baseline schedules and risks at the early stages of megaprojects to minimize negative impacts and outcomes
- Monitoring the project's progress, key performance indicators, and forward-looking metrics that often foretell future problems
- Preparing strategies and conducting analyses to assist management with periodically or continuously verifying that plans are being implemented, goals achieved, and deadlines met
- Analyzing, preparing, and opining on construction claim matters and testifying regarding those findings in state and federal courts or in arbitration proceedings around the world



Project

Project Location

Domestic Experience

Bernard Baruch Vertical Campus Project
Cheniere Energy Corpus Christi LNG Corpus
Chevron Big Foot Offshore Platform
Columbia Generating Station Renovation
Driftwood LNG
Duke Edwardsport IGCC Station
Enterprise Products Propylene Dehydration Plant
Exxon BOP-EX Refinery & Chemical Plant
ExxonMobil Golden Pass LNG Terminal
Fort Washington Way
Greater Cleveland Regional Transit Authority
Waterfront Light Rail Line
Mass DOT I-93 Central Artery
OSU Heart Hospital
South Texas Nuclear Site
Texas Rangers Stadium, Globe Life Field
Trans-Alaska Oil Pipeline System (TAPS)

New York, New York
Christi, Texas
New Orleans, Louisiana
Benton County, Washington
Louisiana
Edwardsport, Indiana
Mont Belvieu, Texas
Baytown, Texas
Sabine Pass, Texas
Cincinnati, Ohio
Cleveland, Ohio

Boston, Massachusetts
Columbus, Ohio
Bay City, Texas
Arlington, Texas
Prudhoe Bay to Valdez, Alaska

International Experience

407E Toronto
Al Bayt Stadium
Bahrain LNG Import Terminal
Circle Drive, Saskatoon SK Canada
CNRL Horizon Oil Sands Hydrotreaters 2B, Fort
McMurray
Energia Costa Azul LNG & Regasification Plant
Eni Miamte FPSO
Esso Nigeria Erha Deepwater Development
INPEX LNG
Ma'aden Bauxite Alumina Refinery
Marathon Equatorial Guinea LNG Plant
Marathon Russia Sakhalin Island Phase
Development
Qatar General Petroleum LNG Expansion
Smith Enron Puerto Plata Power Plant
Sonatrach Menzel Ledjmet East Project
Venezuelan Extra-Heavy Oil Project Process
Facility
WorleyParsons Esmeraldas and Pacific Refinery
Projects

Ontario, Canada
Qatar
Bahrain
Saskatchewan, Canada
Alberta, Canada

Baja California, Mexico
Gulf of Mexico
Ehra, Nigeria
Northern Territory, Australia
Saudi Arabia
Equatorial Guinea, West Africa
Sakhalin Island, Russia

Doha, Qatar
Puerto Plata, Dominican Republic
Berkine Basin, Algeria
Orinoco, Venezuela

Ecuador