

Enabling Infrastructure

Delivering forward-thinking projects

Around the world, we plan, engineer and oversee construction on complex and essential port and marine facilities.

With more than 80 years of port design and development experience, we've gained an in-depth understanding of the industry and its intricate commercial and policy drivers. We work with some of the world's leading public and private sector maritime organizations, helping them deliver port infrastructure and other coastal facilities in support of maritime trade.

Transforming innovative ideas into real-world solutions.

Our client relationships are built on an appreciation of business needs and a proven record of innovative and cost-effective project development. From the early planning stages through to construction, we combine our broad global reach with our strong regional presence to implement industry best practices and deliver effective local solutions across the entire life cycle of vital port and marine infrastructure.

Cover:

Port of Miami Tunnel,
Miami-Dade County,
Florida, U.S.

Main:

**DP World's Vancouver
Terminal at Port of
Vancouver,** British
Columbia, Canada

Project experience

We focus on applying the right skills at the right time to deliver successful ports and marine projects around the world.

We have a large portfolio of experience that includes due diligence, planning, design, engineering and construction projects across a range of locations and facilities worldwide. Our clients include public and private owners, as well as

tenants of ports and marine terminals. We collaborate with them to provide high-quality, well-managed professional services that meet their program and budget goals. The following is a sampling of our projects across North America.



Artistic rendering courtesy of Port of Vancouver

Innovation is key when it comes to maritime projects.

Our planners, simulation and logistics specialists, engineers, architects and economists are at the forefront of port, shipping, logistics and cargo trends. We've built our reputation on incorporating new technologies in port projects throughout the Americas.

Our professionals have helped plan and deliver automated container terminals on five continents and implement the world's first shore-to-ship power system for marine oil tankers. We integrate innovation into our plans, models and designs, to deliver projects that will serve our clients today and in the future.



Opposite: **Port of Vancouver, Roberts Bank Terminal 2**, Vancouver, British Columbia, Canada

1 Port Houston, Bayport Container Terminal, Houston, Texas, U.S.

2 Georgia Ports Authority, Professional Engineering, Savannah, Georgia, U.S.

3 Pier E - Middle Harbor Terminal Redevelopment, Long Beach, California, U.S.

4 Lower Manhattan Coastal Resiliency, New York, New York, U.S.

5 Whiskey Island Back Barrier, Ponchartroula, Louisiana, U.S.

Delivering value to clients

Our approach enables us to achieve best-value solutions over the entire life cycle of a project.

Our clients include:

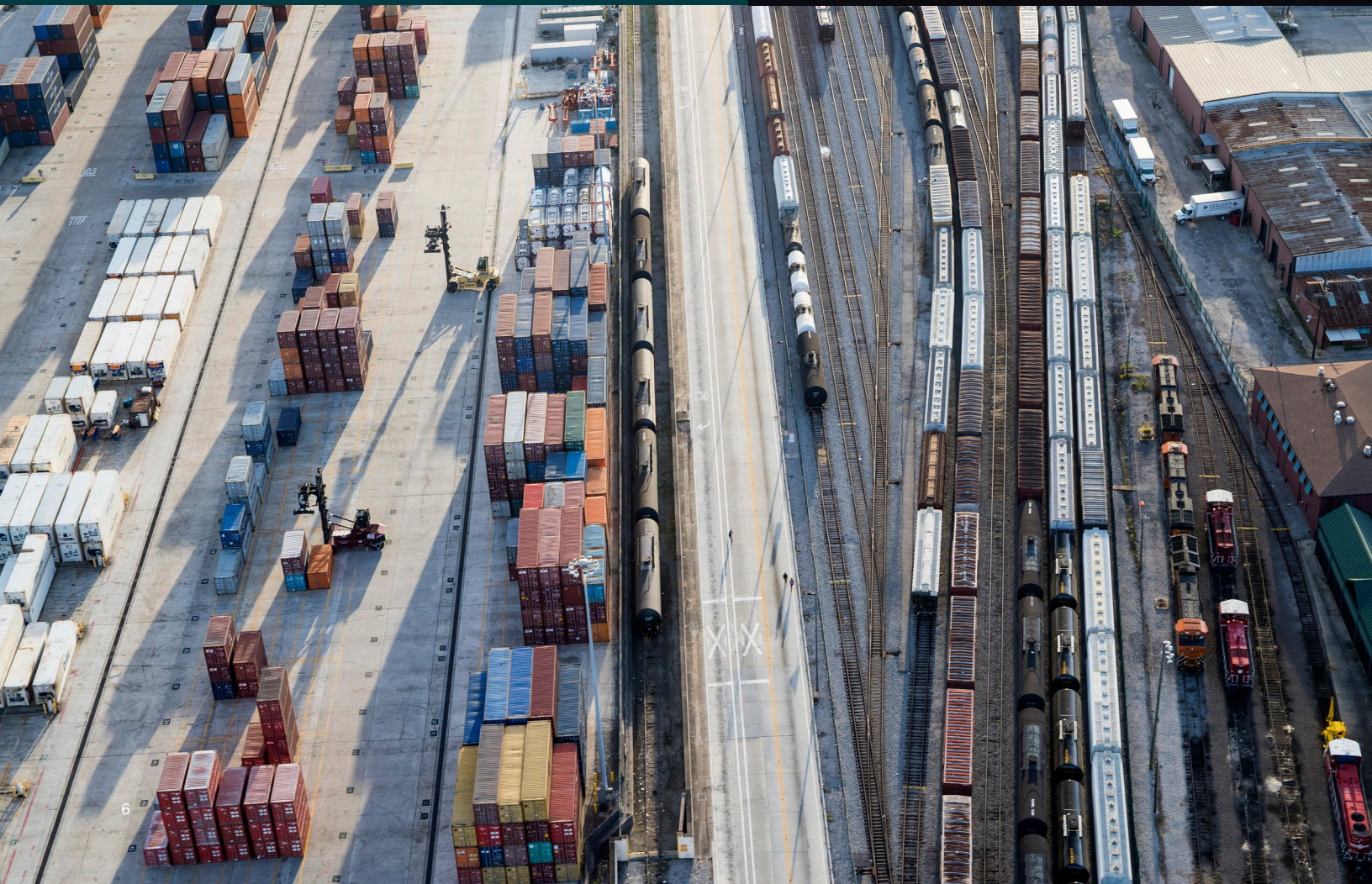
- Government agencies
- Port authorities and corporations
- Terminal operators
- Intermodal operators
- Shipping lines
- Government planning and regulatory agencies
- Major minerals and petrochemical companies
- Construction contractors
- Financial institutions

Right:

Port of Los Angeles, Pier 400 Terminal, Los Angeles, California, U.S.

Below:

Port of New Orleans, Mississippi River Intermodal Terminal and Yard Improvements, New Orleans, Louisiana, U.S.



Full lifecycle of services

Our agile organization is built to deliver services at every turn and every place in the world.

Strategy & Planning

- Strategic planning, competitive assessment, and due diligence studies
- Port master planning
- Port policy and management consultation
- Financial and economic feasibility analysis
- Port and marine terminal models and simulations
- Change Management Strategies
- Programming, brief development
- Facilities Condition Assessment

Engineering & Design

- Site Development
- Building Programming
- Design Guidelines
- Design Concepts (A/I/E)
- Facility Performance
- Modelling and Animation
- Sustainability

Construction

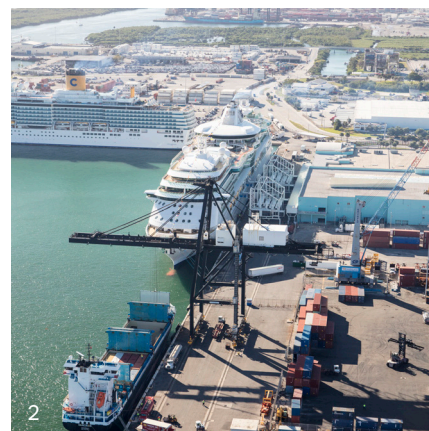
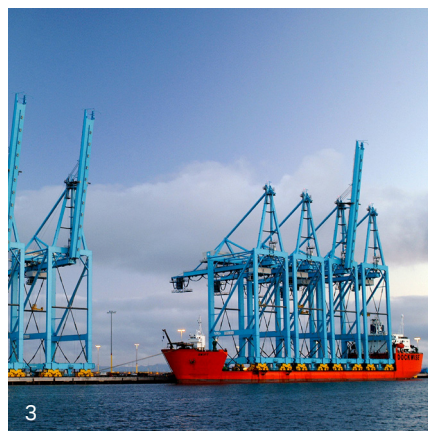
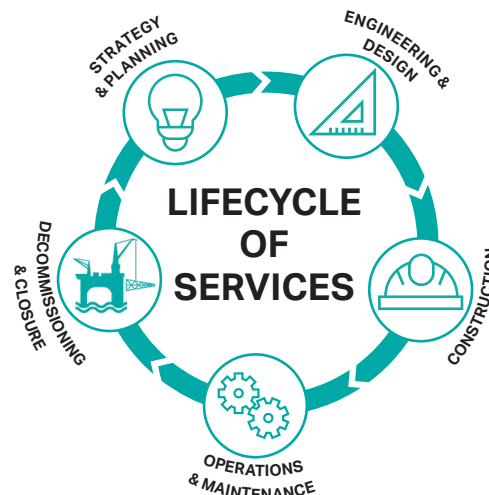
- Permitting
- Construction Management
- Constructability
- Procurement
- Scheduling
- Post-Occupancy Evaluation
- Commissioning

Operations & Maintenance

- Terminal Operations & Management
- Change Management
- Optimizing CapEx and reducing OpEx
- Asset Management
- Cyber Security

Decommissioning & Closure

- Hazardous and Industrial Waste Cleanup
- Environmental Site Assessments,
- Demolition and Remediation
- Greenfield Development
- Brownfield Development



- 1 U.S. Naval Facilities Engineering Command Pacific**, Pearl Harbor, Hawaii, U.S.
- 2 Port Everglades Master/Vision Plan** Fort Lauderdale, Florida, U.S.
- 3 Port Newark-Elizabeth Marine Terminal** Newark, New Jersey, U.S.

About AECOM

AECOM is the world's trusted infrastructure consulting firm, delivering professional services throughout the project lifecycle – from planning, design and engineering to program and construction management. On projects spanning transportation, buildings, water, new energy and the environment, our public- and private-sector clients trust us to solve their most complex challenges. Our teams are driven by a common purpose to deliver a better world through our unrivaled technical expertise and innovation, a culture of equity, diversity and inclusion, and a commitment to environmental, social and governance priorities. AECOM is a *Fortune 500* firm and its Professional Services business had revenue of \$13.3 billion in fiscal year 2021. See how we are delivering sustainable legacies for generations to come at aecom.com and [@AECOM](https://www.instagram.com/aecom).