

# STRATEGIES FOR NEXT GENERATION INFRASTRUCTURE

3COTECH is redefining sustainability by evaluating zero-emission technologies, assessing risks, and taking a lifecycle approach for informed decision-making.

Our lifecycle approach to sustainable infrastructure spans from planning through engineering and construction to operations and maintenance. Accomplished in process improvements, our consultants put a premium on lessons learned and continuous improvement.

We not only advise organizations on technical, commercial, and strategic issues but also guide them through the complexities of energy, transportation, and global trade.

With its roots in the San Pedro Bay harbor area, 3COTECH has served public and private sector clients, including the Ports of Long Beach and Los Angeles, and Metro since 2015.

*We help develop strategies and partnerships that will ensure our clients and their partners can effectively, efficiently and sustainably move people and goods on land, at sea, and in the air.*



Energy & Sustainability Strategy



Transportation Planning



Clean Technology Evaluation



Risk Assessment & Analysis



Strategic Partnerships



Stakeholder Engagement

NAICS

541690, 541611, 541614, 541618, 541620, 541990

CERTIFIED

**SBE**

SMALL BUSINESS ENTERPRISE

**DBE**

DISADVANTAGED BUSINESS ENTERPRISE

**WBE**

WOMAN-OWNED BUSINESS ENTERPRISE

**LBE**

LOS ANGELES LOCAL BUSINESS ENTERPRISE

**RISK ASSESSMENT AND ANALYSIS**

3COTECH has provided risk assessment, analysis and mitigation for the Port of Long Beach. The projects included the Middle Harbor Terminal Redevelopment Program and Tesoro MOTEMS. We also evaluated and updated the processes and manuals for risk assessment and quality management.



**SUSTAINABLE TRANSPORTATION**

3COTECH has supported the Los Angeles County Metropolitan Transportation Authority (Metro) in the transition of more than 2,300 buses to the zero-emission fleet by 2030. Zero-Emission Bus Master Plan will evaluate the transit system, outline the strategy and cost, and assess risk.



**TECHNOLOGY ASSESSMENT**

3COTECH has advised the Harbor Community Benefit Foundation on the application and selection process to award approximately \$5 million in grants for technology demonstration projects aimed to reduce port-related air emissions. We also provided outreach and technology evaluation.



**PORT COMPETITIVENESS ANALYSIS**

3COTECH developed the Seaport Connect Report describing the San Pedro Bay Ports, their competitive landscape, and regional economic development. The topics include the impacts of global shipping, local policy, supply chain, sustainability, technology advancement, and stakeholder engagement.



*3COTECH's risk management expertise has saved our clients millions of dollars. In one case we helped our client reduce the risk of cost overrun by **95%** and schedule delay by **85%**.*

**OUR STRENGTHS**

- We are creative, “big-picture” thinkers, not afraid to use our extensive industry experience to challenge the status quo.
- Experienced internationally across diverse disciplines and industries, we have helped our clients take a systemic approach and make informed decisions.
- We build and maintain strong teams and partnerships across the power, water, cleantech, and transportation sectors.

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