

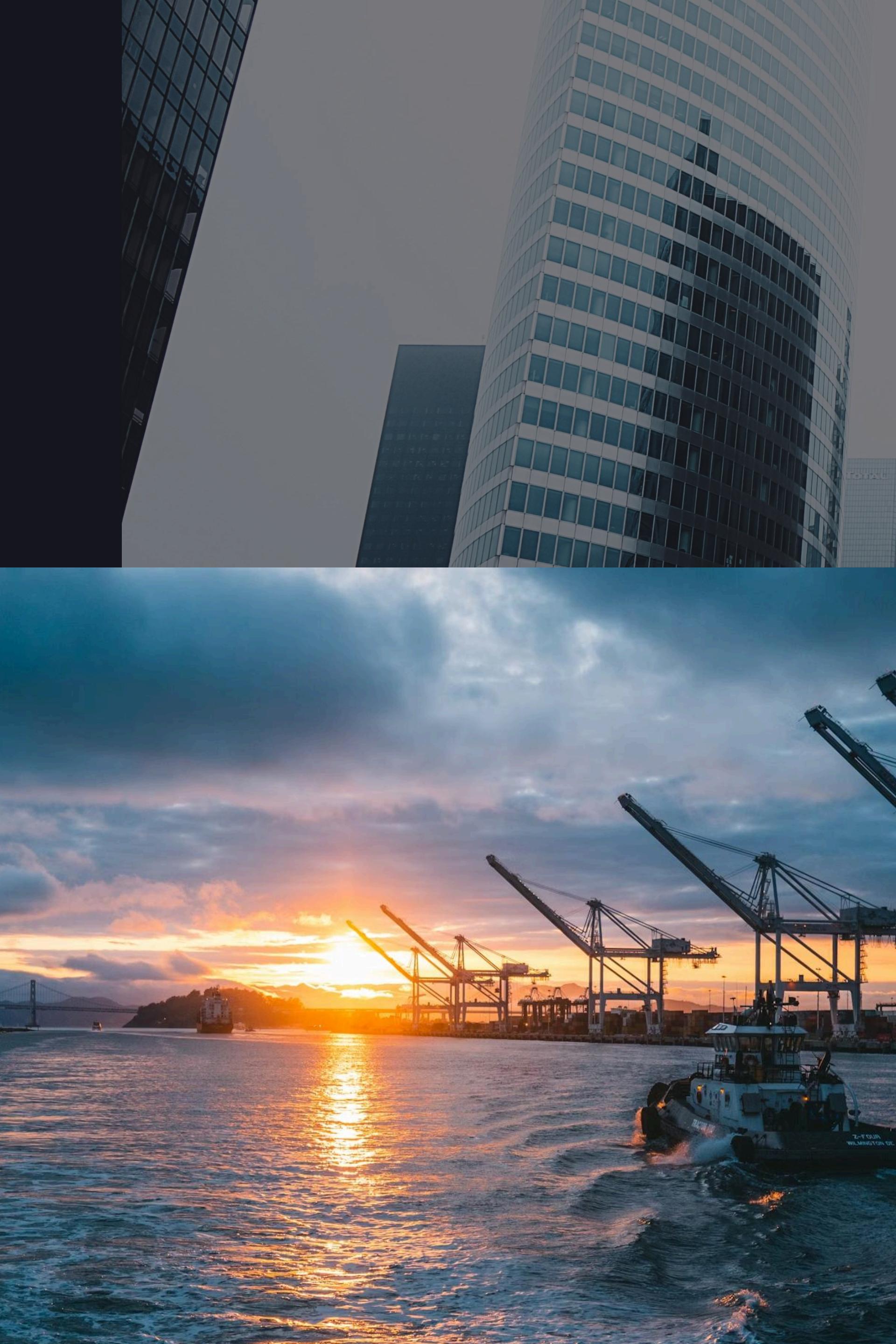
DESERT SEAS CONSULTANCIES

Company Profile



About Us

Desert Seas Consultancies is a dedicated provider of expert consultancy and project management services. **While we specialize in marine projects**, we also offer comprehensive solutions **for land-side projects**, ensuring seamless integration between both land and marine environments. Our focus is on delivering innovative, sustainable, and efficient solutions tailored to the unique needs of each project. Headquartered in Dubai, UAE, we serve clients primarily in GCC countries, with a commitment to excellence and integrity in every aspect of our work.



DESERT SEAS CONSULTANCIES - COMPANY PROFILE

Vision

Desert Seas provides comprehensive engineering consultancy and project management services to public and private clients across GCC countries. With a strong reputation as a trusted partner for offshore and nearshore developments, Desert Seas delivers end-to-end solutions across all project phases, from concept to construction.

As a multidisciplinary consultancy, Desert Seas offers specialized expertise in offshore and nearshore coastal and marine structures, harbors and marinas, oil & gas terminals, waterfront developments, beaches, dredging works, and island reclamation. Additionally, the firm has extensive capabilities in infrastructure design and architectural design for various types of buildings and land-use developments.

Desert Seas's services encompass design development, project management, permitting processes, and construction supervision, ensuring the successful delivery of complex projects in dynamic environments.

To be the leading multidisciplinary engineering consultancy, delivering innovative, sustainable, and high-quality solutions that shape the future of offshore and nearshore developments, infrastructure, and architectural design worldwide. Desert Seas continues to drive progress in the built environment, creating lasting value for clients and communities.

Global Reach

Desert Seas Consultancies is proud to collaborate with **HR Wallingford** and **Lab24 Projects**, leveraging their global expertise and advanced capabilities to deliver innovative, tailored solutions for marine, coastal, and engineering projects across the GCC. Our partnership with **HR Wallingford** strengthens our marine and coastal capabilities, while **Lab24 Projects** enhances our expertise in land-side developments. Together, we ensure a seamless, fully integrated approach, delivering high-quality, coordinated solutions for both marine and land-based projects.



Marine and Coastal Engineering

Marine Engineering Services encompass a wide range of specialized activities focused on the design, construction, maintenance, and repair of infrastructure in and around marine environments.

These services are crucial for the development and sustainability of coastal and offshore projects, ensuring their functionality, safety, and efficiency.

Our sectors include:

Waterfronts and Marinas; Coastal Modelling; Water Engineering; Reclamation and Dredging; Construction Supervision



Stadium and Sport Center

We specialize in innovative, sustainable architecture and engineering for stadiums and sports centers.

Our designs enhance fan experience, athlete performance, and operational efficiency, creating iconic venues that elevate every event.



Opera Theatre and Convention Center

Transform your vision into a stunning reality with our dynamic architecture and engineering design services for Theatre and Convention Buildings.

We create immersive, functional spaces—from world-class theatres to flexible convention halls—designed to captivate and inspire. Let's build something extraordinary together!



Hospitality & Residential Development, Luxury Private Villas

We deliver exceptional architecture and engineering design services for hotels, residential, hospitality, and luxury villa projects, blending Italian elegance with global innovation.

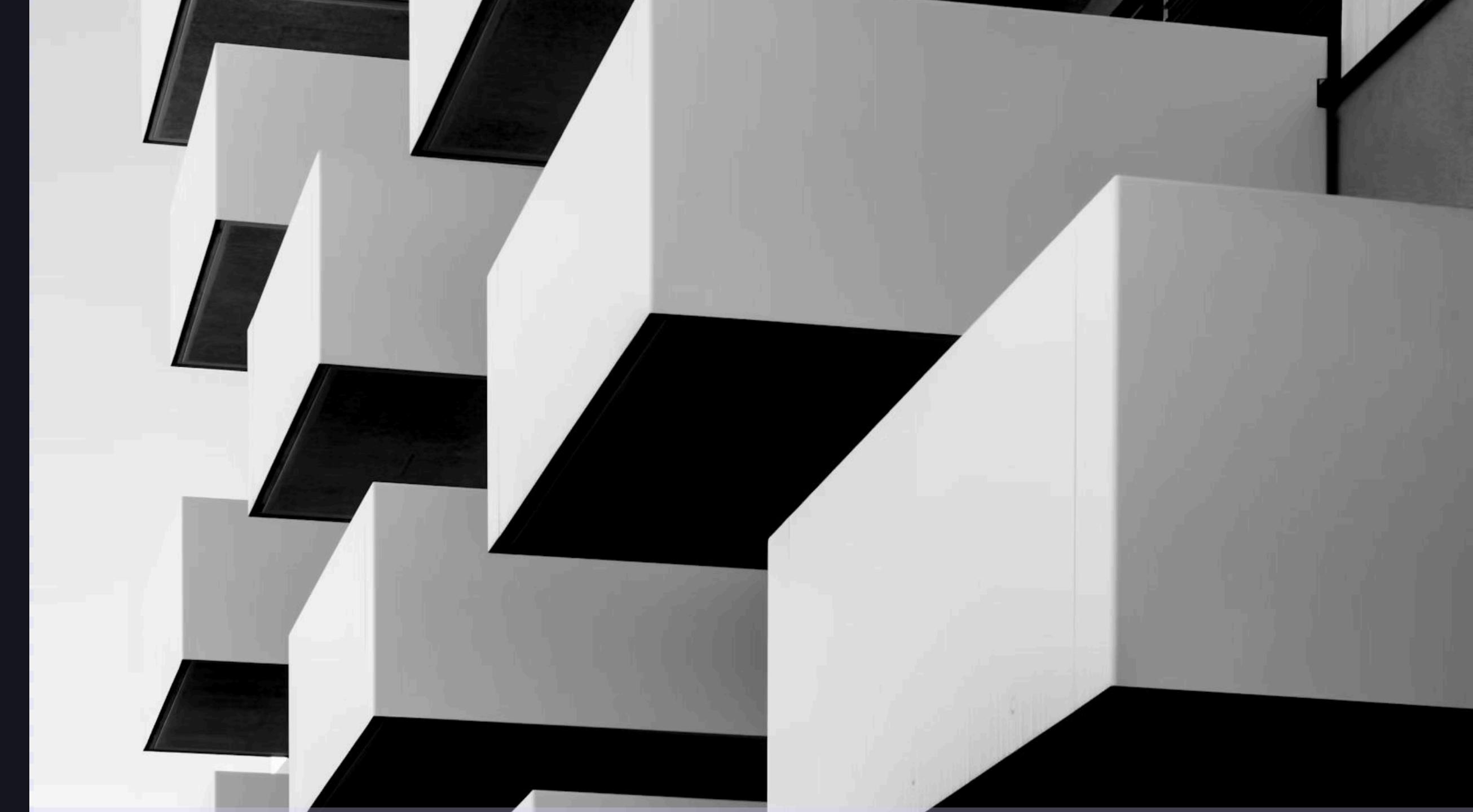


Our team of renowned designers creates functional, sustainable spaces that combine style, comfort, and performance, bringing your vision to life with precision and creativity.

Infrastructure for Urban Development

We offer expert Architecture and Engineering Design services for urban development, focusing on sustainable infrastructure like roads, bridges, and utilities.

Our innovative solutions enhance connectivity, livability, and resilience in growing cities, shaping vibrant, future-ready communities.



Commercial, mix use, retail

Mixed-use commercial building blends modern design with functionality, offering flexible layouts for office, retail, and residential spaces.



With energy-efficient systems, ample natural light, and a focus on sustainability and durability, it provides an ideal environment for businesses and tenants.

Education and Culture

We specialize in creating innovative, sustainable, and inspiring architectural and engineering designs for schools. Our solutions prioritize safety, foster collaboration, and enhance student well-being, all while optimizing space and resources.



By blending creativity with functionality, we create dynamic learning environments that support academic success and prepare students for the future.

Services

1. Feasibility Study and Concept Design
2. Detailed Design
3. Project Management and Coordination
4. Site Supervision and Management
5. Consultancies & Expert advisor

Technical Supervision

Desert Seas provides **comprehensive contract administration and technical supervision** during the construction phase of marine projects.

Acting on behalf of the Client, our supervision team ensures that **site operations adhere to the highest quality standards**, while maintaining compliance with **project timelines and budget constraints**.

Our on-site supervision team consists of highly specialized engineers, surveyors, inspectors, and contract managers, all led by experienced and qualified Resident Engineers (REs).

Our Services Include:

- **Resolution of construction challenges**, providing technical interpretations and prompt instructions to Contractors.
- **Preparation of clarifications and supplementary drawings** to enhance contract documents, resolve missing details, and address constructability issues.
- **Review and approval of submittals**, including shop drawings, calculations, insurances, warranties, and vendor prequalification documents.
- **Verification of materials and equipment supplied by Contractors**, ensuring compliance with project technical specifications.

BIM Oriented Approach

Building Information Modeling (BIM) for Civil and Infrastructural Works

A structured BIM process ensures efficiency, collaboration, and quality control throughout the project lifecycle.

Building Information Modeling (BIM) is increasingly being adopted in civil and infrastructural projects to enhance efficiency, collaboration, and data management throughout the project lifecycle. It facilitates digital representation of physical and functional characteristics of infrastructure assets, improving decision-making and project delivery.

USE OF BIM IN CIVIL AND INFRASTRUCTURAL WORKS

Roads and Highways

Bridges and Tunnels

Water and Drainage Systems

Urban Infrastructure

BENEFITS OF BIM IN CIVIL AND INFRASTRUCTURAL WORKS

Enhanced Collaboration

Improved Accuracy

Cost and Time Efficiency

Sustainability and Compliance

Lifecycle Management

Clash Detection

Sustainable Approach

Sustainable Design for LEED Certification: Integrating Life Cycle Assessment & Life Cycle Costing

Sustainable design minimizes environmental impact while improving efficiency and occupant well-being. **LEED certification** requires strategies in energy, water, materials, and indoor quality.

Life Cycle Assessment (LCA) evaluates a building's environmental impact from materials to disposal, helping optimize design, reduce carbon, and earn LEED credits like Building Life-Cycle Impact Reduction (MR Credit 1).

Life Cycle Costing (LCC) analyzes the total cost of ownership, including energy and maintenance, supporting LEED's focus on long-term efficiency with credits in Energy & Atmosphere (EA) and Operations & Maintenance (O+M). Combining LCA and LCC balances environmental and economic sustainability for LEED certification.

Land side partnerships



STUDIO ARCO
ARCHITETTURA



CANNATA & PARTNERS
LIGHTING DESIGN COMMUNICATION



eLoop

quartz



M. Kavvadas





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