



IONAIRE · RESORT & WATERFRONT INFRASTRUCTURE

Engineered for the Water. *Designed for the Destination.*

Turnkey infrastructure for premium coastal destinations, private islands, and public waterfronts.

THE PROPOSITION

One vision, from shoreline to guest experience.

Exceptional waterfront destinations are not assembled from isolated products. Architecture, marine structures, access, utilities, ecology, guest movement, and operations must perform as one environment.

IONAIRE provides a single regional interface to a global engineering and manufacturing alliance with more than a decade of specialist experience, over 100 delivered projects, and work across more than 10 countries.

We coordinate feasibility, engineering, factory-controlled manufacture, logistics, and installation—giving developers and operators one accountable route from concept to completion.



RESORT INFRASTRUCTURE · ARCHITECTURE, LANDSCAPE, AND WATERFRONT ACCESS AS ONE DESTINATION

Hospitality that extends beyond the shoreline.

Floating architecture creates new guest experiences when platform, superstructure, services, access, stability, and finish are developed as one complete operational asset.



FLOATING DESTINATION · ACCOMMODATION AND CURVED ACCESS ACROSS THE WATER

01

Floating Hospitality

Overwater accommodation, restaurants, lounges, and guest amenities coordinated as complete marine assets.

02

Boat Houses & Retreats

Purpose-designed floating buildings for resorts, private estates, and protected inland waters.

03

Destination Access

Walkways, bridges, jetties, and arrival platforms that connect guests safely and elegantly.

04

Public Realm on Water

Viewing decks, event spaces, and landmark platforms designed as part of the visitor experience.

Marine engineering. Hospitality quality.

The engineering system should disappear into a calm, finished environment. Guest rooms, lounges, dining spaces, and operational functions are coordinated without losing the intimacy expected of a premium resort.



GUEST LOUNGE · WARM INTERIOR ARCHITECTURE ABOVE THE WATER



PRIVATE ACCOMMODATION · FULLY RESOLVED WITHIN A MARINE PLATFORM



The infrastructure behind the destination.

Marinas, pontoons, access systems, foundations, and utilities support the wider resort or waterfront plan. Each system is engineered around its site—not imposed as a catalogue solution.



OPERATIONAL WATERFRONT · A COORDINATED MARINA, ACCESS, AND UTILITY SYSTEM

01

Marina & Berthing Systems

Aluminum and concrete pontoons, gangways, utilities, fenders, bollards, and decking.

02

Mooring & Foundations

Pile guides, anchors, H-beams, and flexible moorings selected around depth, tide, and seabed.

03

Coastal Construction

Factory-controlled fabrication combined with planned specialist marine installation.

04

Eco-Sensitive Access

Low-impact systems for mangroves, shallow water, and protected coastlines.

Modelled, tested, and planned before installation.

Waterfront assets operate at the intersection of structure, environment, architecture, and public safety. The process resolves these interfaces before work reaches the water.



DIGITAL ENGINEERING · LOAD PATHS VALIDATED BEFORE FABRICATION



MARINE INSTALLATION · FOUNDATIONS PLANNED FOR SITE CONDITION

01

Understand

Bathymetry, waves, wind, tide, current, seabed, vessel impact, operations, and ecology.

02

Engineer

Structural calculations, connections, fixing strategy, simulation, and design coordination.

03

Manufacture

Controlled production under documented quality, environmental, and safety systems.

04

Deliver

Planned logistics, specialist installation, commissioning, and clear project interfaces.

Built around place, climate, and operation.

01

Mediterranean Destinations

Seasonal capacity, yacht access, resilient public waterfronts, and systems designed for wind, salt, and intensive summer use.

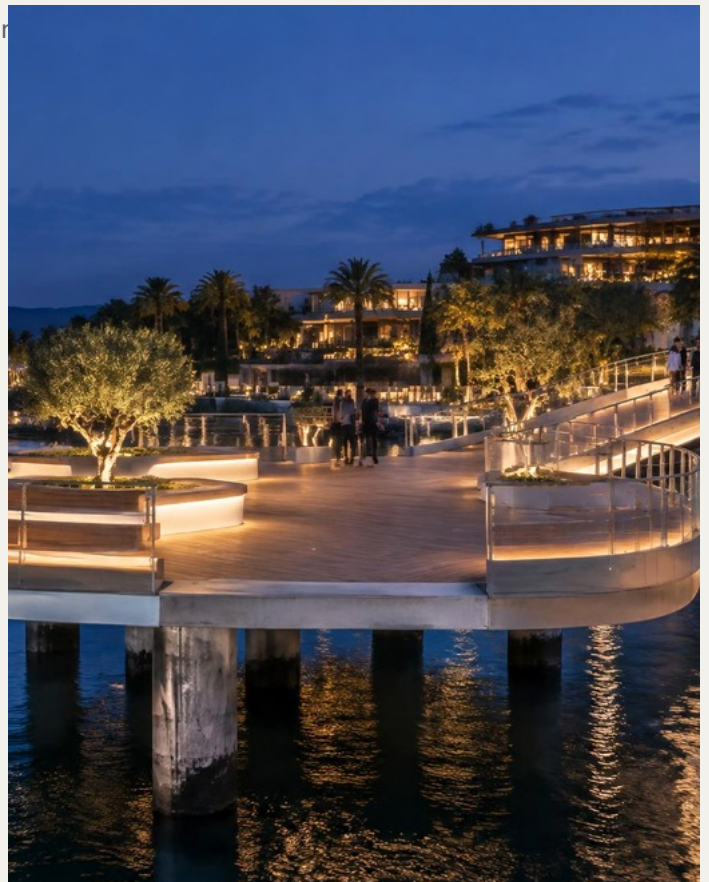
02

Indian Ocean Resorts

Planned logistics, minimal seabed disturbance, tidal resilience, and infrastructure suited to sensitive guest and ecological settings.

03

Public Waterfronts



One accountable project interface.

01

Strategic Definition

Translate the destination vision into a practical waterfront scope, delivery strategy, and decision framework.

02

Technical Coordination

Connect the project team with specialist engineering, manufacturing, testing, and installation capability.

03

Controlled Delivery

Coordinate factory production and marine works to reduce fragmented responsibility and site exposure.

04

Independent Oversight

Protect quality, schedule, discretion, and the developer's intent through commissioning.



INDEPENDENT OVERSIGHT · FROM DESTINATION INTENT TO COMPLETED WATERFRONT ASSET

Evidence-backed capability. Confidential representation.

IONAIRE represents a specialist global engineering and manufacturing alliance without introducing unnecessary layers between the developer, design team, production teams, and site delivery.

Documented capability includes more than 10 years of specialist experience, 100+ completed projects across 10+ countries, recognised international design references, optional simulation and pool testing, and



COMPLETED FLOATING HOSPITALITY · A REPEATABLE PLATFORM FOR DESTINATION DEVELOPMENT

01

Single Interface

Clear accountability across design, manufacture, logistics, and installation.

02

Factory Control

Repeatable quality with less dependence on variable site conditions.

03

Site-Specific Engineering

Every system responds to real environmental and operating inputs.

IONAIRE · RESORT & WATERFRONT INFRASTRUCTURE

04

Lifecycle Focus

Materials and details selected for corrosive marine environments and maintainability.



DISCUSS YOUR WATERFRONT VISION

Create the destination. *Engineer every interface.*

From the first feasibility conversation to installation and commissioning.

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