



**Feasibility and Engineering Design  
Studies, Technical Expertise, Project  
Coordination and Technical Assistance**

**april 2022**

## ABOUT US

**OCEANING–Consulting Engineers**, is an office of Coastal and Port Engineering with main focus on undertaking studies and projects in the sea, the coastal zone, estuaries and ports.

**OCEANING** was founded in 2018 and brings together the different experiences of its partners and collaborators which together equate to almost 100 years in engineering related to Maritime, Coastal and Port Engineering.

**OCEANING** maintains a network of professional contacts with other consulting offices, allowing our integration in multidisciplinary teams, increasing their value and adapting them to the specificity of each project.

## FIELDS OF EXPERTISE

We undertake Feasibility and Design Studies, Expertise, Project Coordination and Technical Assistance, in the following areas:

### Port Structures

Port Layout Planning and Development;  
Berthing Structures and Port Infrastructures.

### Marinas and Leisure Ports

Nautical and land layout;  
Floating and Port Equipment;  
Navigation aids.

### Port Sheltering

Sloped and Vertical Breakwaters;  
Floating Breakwaters.

(continuation)

## **Navigation Channels and Manoeuvring Basins**

Navigation Channel design;  
Operationality and Navigation Conditions;  
Dredging and Dredging Deposition;  
Maintenance Dredging Plans.

## **Maritime Hydraulics**

Data Acquisition and Statistical Processing;  
Wave Propagation Studies;  
Overtopping of Coastal Structures;  
Storm Situations Assessments.

## **Coastal Protection**

Hard and Soft Protection Solutions;  
Artificial Feeding of Beaches;  
Coastal Dynamics and Coastal Evolution;  
Multifunctional and Innovative Works.

## **Rivers, Estuaries and Lagoons**

Bank Erosion Control and Stabilization;  
Dredging and Deposition in Inland Waters;  
Natural Engineering Solutions;  
Dredging Plans.

## **Sea Pipes**

Sea Outfall and Intake Pipes;  
Pollutant Dispersion Numerical Modelling;  
Piping Protection Solutions;  
Sea Cables.

## **Specialized Engineering Services**

Procedures for Public Tenders;  
Assistance to Project Owners during Construction;  
Review of Studies and Projects;  
Follow-up of studies and specialized work.

## FEATURED PROJECTS

Emphasis is given to emblematic projects in which **OCEANING** technicians have been (or are) coordinators and/or had/have significant participation, before an after the foundation of **OCEANING**.



### Mindelo Cruise Terminal Final Design

Mindelo, São Vicente, Cabo Verde



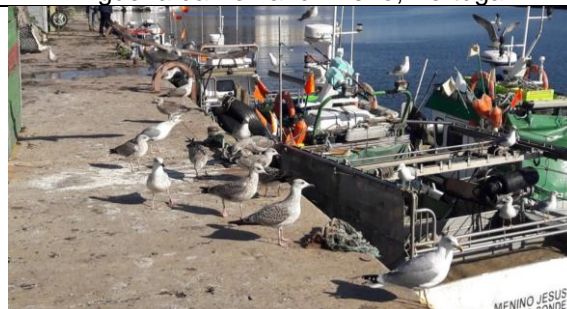
### Artificial Sand Bypass Systems Study

Figueira da Foz and Aveiro, Portugal



### Oeiras Maritime Promenade Project 4th Phase

Oeiras, Lisbon, Portugal



### Rehabilitation of Vila do Conde Fish Unloading Pier

Vila do Conde, Portugal



### Paul do Mar Quay Wall Rehabilitation

Autonomous Region of Madeira, Portugal



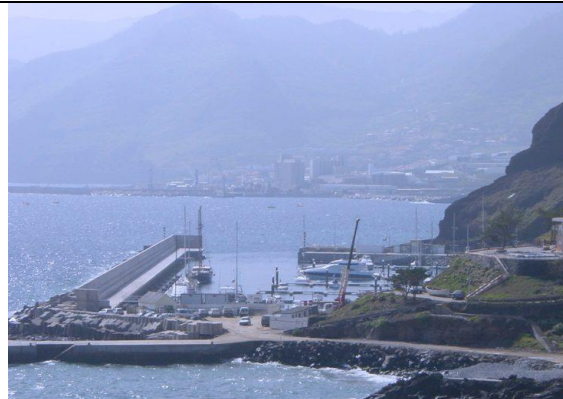
### Tavira Fishing Port Floating Pontoons

Tavira, Algarve, Portugal





**Commercial Port of Caniçal**  
Autonomous Region of Madeira, Portugal



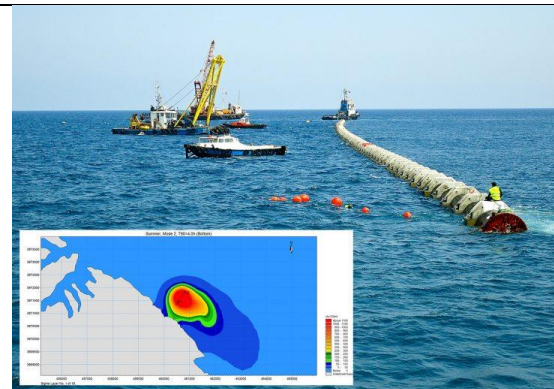
**Quinta do Lorde Marina**  
Autonomous Region of Madeira, Portugal



**Sines East Breakwater**  
Sines, Portugal



**Maritime Access to Port of Setúbal**  
Setúbal, Portugal



**Ta'Bakart Marine Outfall**  
Ta'barkat, Isle of Malta



**Tamariz Tide Pool**  
Estoril, Portugal



**Aveiro Lagoon Dredging**  
Aveiro, Portugal



**Tangier-Port Submarine Outfall**  
Morocco

## TECHINICAL TEAM

**OCEANING** team is prepared to coordinate and carry out engineering studies and projects in areas involving ports and coastal structures, marinas and recreational ports, access channels, wave climate, coastal protection solutions, river, estuaries and lagoons projects, sea outfalls and water intakes.



[Ricardo Benoliel  
de Carvalho](#)

Founder and  
Managing Partner



[Maria Cristina  
Afonso](#)

Founder and  
Managing Partner



Teresa Borges  
Correia Tito

Civil Engineer

## CONTACTS

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