

OUR GROUP

**35**

OFFICES IN  
FRANCE

**50**

OFFICES IN  
40 COUNTRIES

CERTIFICATIONS\*  
ISO 9001-2008  
ISO 14001  
OHSAS 18001

QUALIFICATION  
OPQIBI

Our BUSINESS LINES

*Project management*  
*Engineering*  
*Consultancy, audits, training*  
*EPC and turnkey, EPCM*



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Coteba & Sogreah, same team, enhanced expertise

[www.arteliagroup.com](http://www.arteliagroup.com)



MARITIME





## OUR RESOURCES

A **laboratory** for 2D and 3D scale model testing (stability, wave disturbance, sedimentology)

The Port Revel **shiphandling training** centre

A department dedicated to **numerical modelling**

## CLIENTS AND PARTNERS

- Public-sector owners
- Local authorities
- Private developers
- Industries
- Turnkey and EPC contractors
- Construction companies
- Operators
- Banks and insurance companies

**Artelia is one of the world's foremost specialists in the maritime field.** It is a partner of choice for the design and construction of **port and coastal infrastructure** and for consultancy services related to **coastal and estuarine environments.**

Artelia's expertise in hydrodynamics, sediment dynamics and civil engineering is supported by a **hydraulics laboratory** and cutting-edge **numerical modelling** capabilities, the operational navigation experience of the Port Revel **shiphandling training** centre as well as the group's sustained efforts in **research and innovation.**

From performing economic studies to providing assistance with operations, Artelia helps clients with **maritime and port projects** of all sizes throughout the world.

### COASTS, BAYS AND ESTUARIES

- Coastline management, coastal protection and development
- Estuarine morphodynamics
- Restoration of coastal and estuarine ecosystems
- Wetlands, man-made mud flats, depolderisation
- Environmental impact of development works
- Sea water quality

### COASTAL RISKS

- Evaluation of extreme events
- Climate change
- Coastal risk prevention plans
- Coastal structures and protections safety

### PORTS

- Commercial ports
- Cruise ship and ferry terminals
- Marinas and fishing ports
- Dry ports
- Port planning
- Optimisation of operations



## ARTELIA, MARITIME EXPERTISE AT THE SERVICE OF MAJOR PROJECTS

### SPECIALISED TERMINALS AND COASTAL INDUSTRIAL SITES

- Container terminals
- Ore, oil and gas terminals
- Industrial terminals
- Process water for coastal factories and power plants
- Onshore installations, lifting and handling equipment in ports
- Man-made industrial islands

### URBAN AND TOURIST DEVELOPMENT SCHEMES

- Sea fronts
- Marinas and marina villages
- Man-made islands and beaches
- Tourist development

### OUTFALLS, WATER QUALITY

- Design of water intake and outfall structures
- Modelling of heated and saline water recirculation risks
- Bathing water quality
- Sea outfalls for urban effluent
- Dumping of dredged materials

### BREAKWATERS, SEA DEFENCES, HARBOUR STRUCTURES

- Rubble-mound breakwaters and sea walls
- Quays, wharfs, complex jetties
- Non-invasive protection technologies
- Stability and durability of structures

### SHIPS AND FLOATING STRUCTURES

- Harbour access
- Mooring and berth stability
- Unloading on buoys, transshipment
- Navigation aids and shiphandling training

### MARINE ENERGY

- Current, wave and tidal energy
- Offshore wind farms
- Marine thermal energy

