



TECNOAMBIENTE

A TRADEBE COMPANY

Enabling sustainable progress

**PROVIDING INTEGRATED ENVIRONMENTAL,
SURVEY AND INSPECTION SOLUTIONS**

Globally. Offshore & Nearshore. On shore. In our own Labs.

PORTS AND COASTS



TECNOAMBIENTE

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At Tecnoambiente we are specialized in providing solutions in the marine environment. Over 2,000 projects performed in nearshore and offshore areas endorse our experience since 1980.

Our scope is global, as we provide services all around the world, helping our clients to find the best solutions to their needs and to develop their activities in a sustainable manner.

We have a team of 100+ professionals comprising consultants and surveyors highly qualified, capable of providing integrated solutions to any challenge. We perform marine survey field works as well as all the required environmental studies.

Tecnoambiente belongs to the Tradebe group, who is a leading international company in the environmental services sector, with global presence.

SECTORS



Ports



Coastal
Management



Outfalls

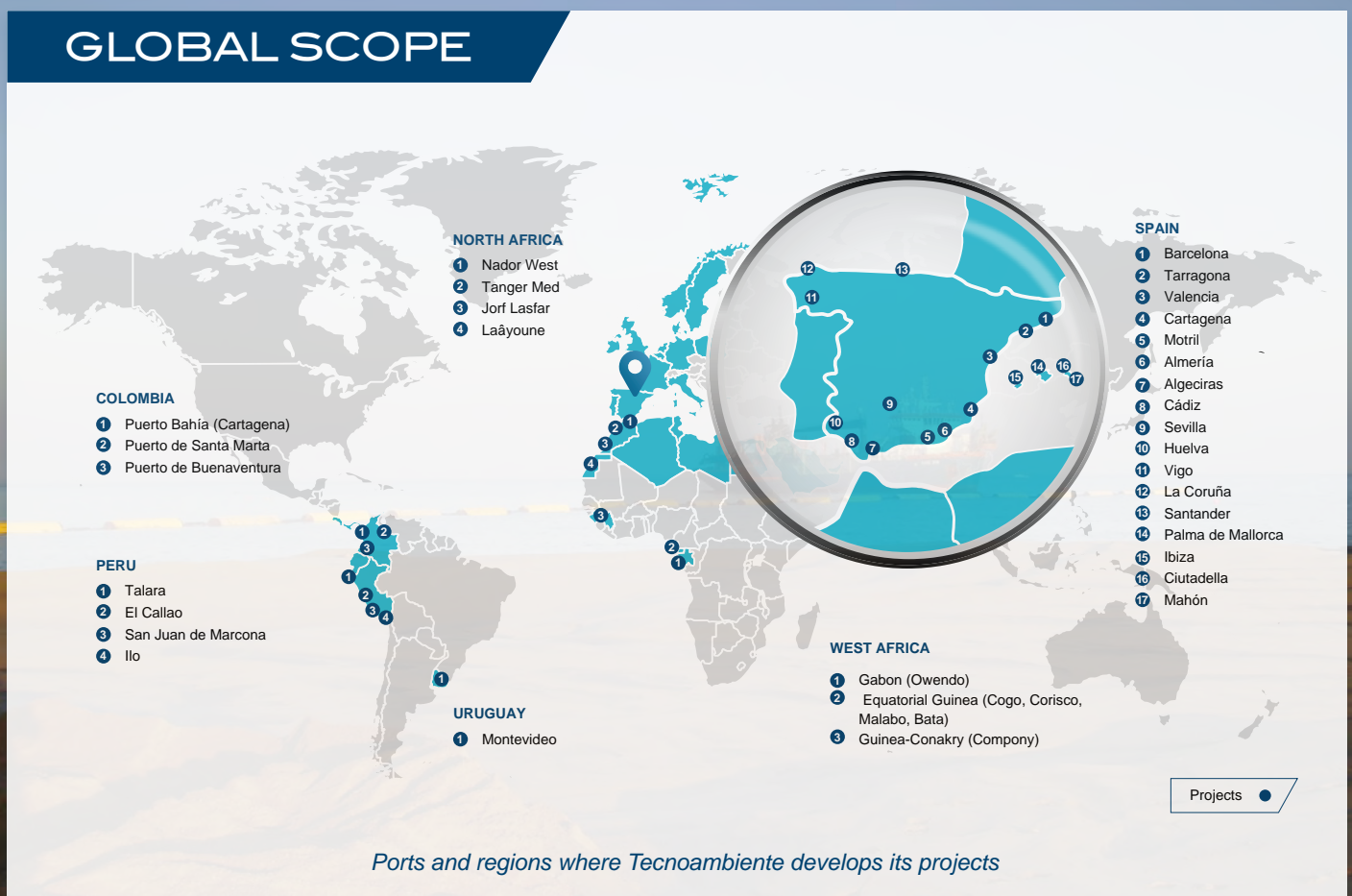


Dredging



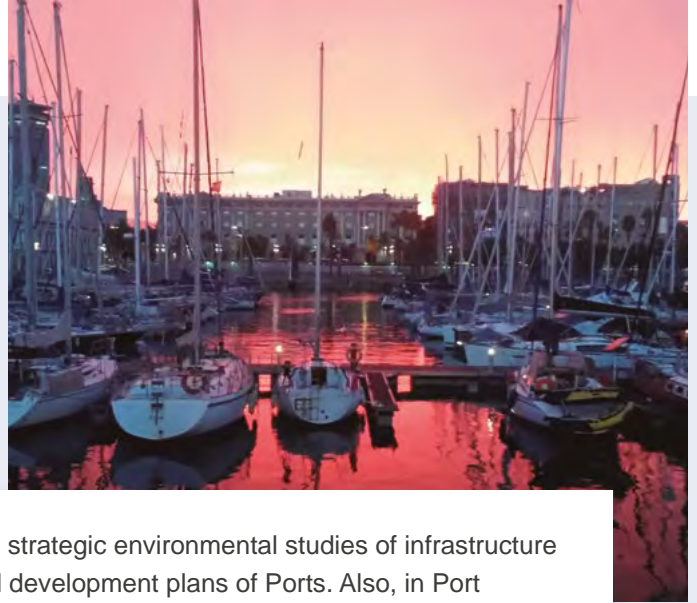
Renewables

GLOBAL SCOPE





ENVIRONMENTAL EVALUATION OF PORTS AND COASTAL PLANS AND PROJECTS

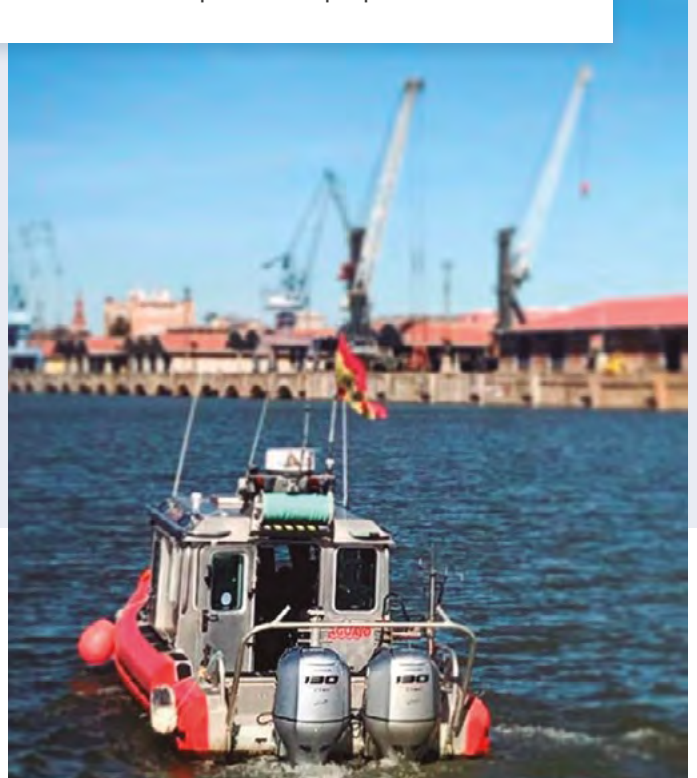


Tecnoambiente possesses extensive experience in strategic environmental studies of infrastructure master plans, special plans and other planning and development plans of Ports. Also, in Port expansion projects, construction of new Ports, coastal defence works and beach nourishment, and other actions (underwater discharge pipelines, artificial reefs, etc.). The great specialization of our multidisciplinary team, its integral vision and its experience in the follow-up of administrative procedures, are key success factors.



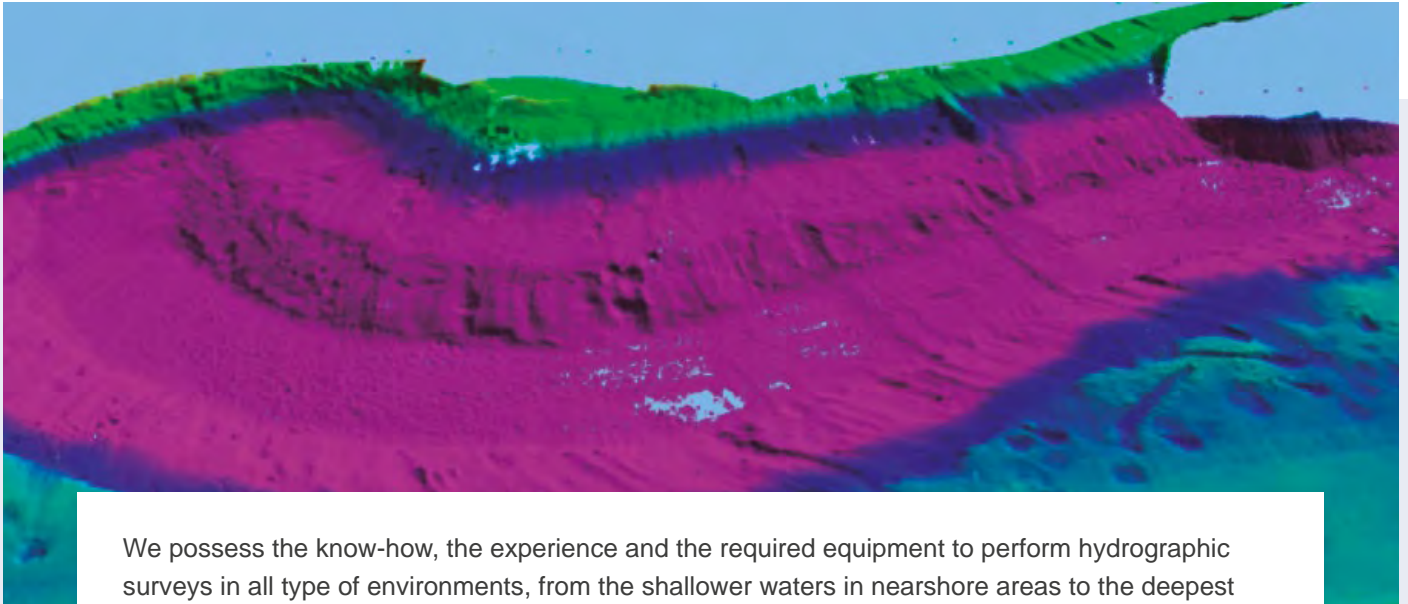
ENVIRONMENTAL MONITORING AND ENGINEERING SERVICES FOR COASTAL PROJECTS

Tecnoambiente has the human and material resources to perform the environmental surveys, including control and monitoring, geophysical surveys and site investigations for dredging and other projects in Ports constructions, land reclamation and coastal protection purposes.





HYDROGRAPHY, GEOPHYSICS AND STRUCTURAL MONITORING



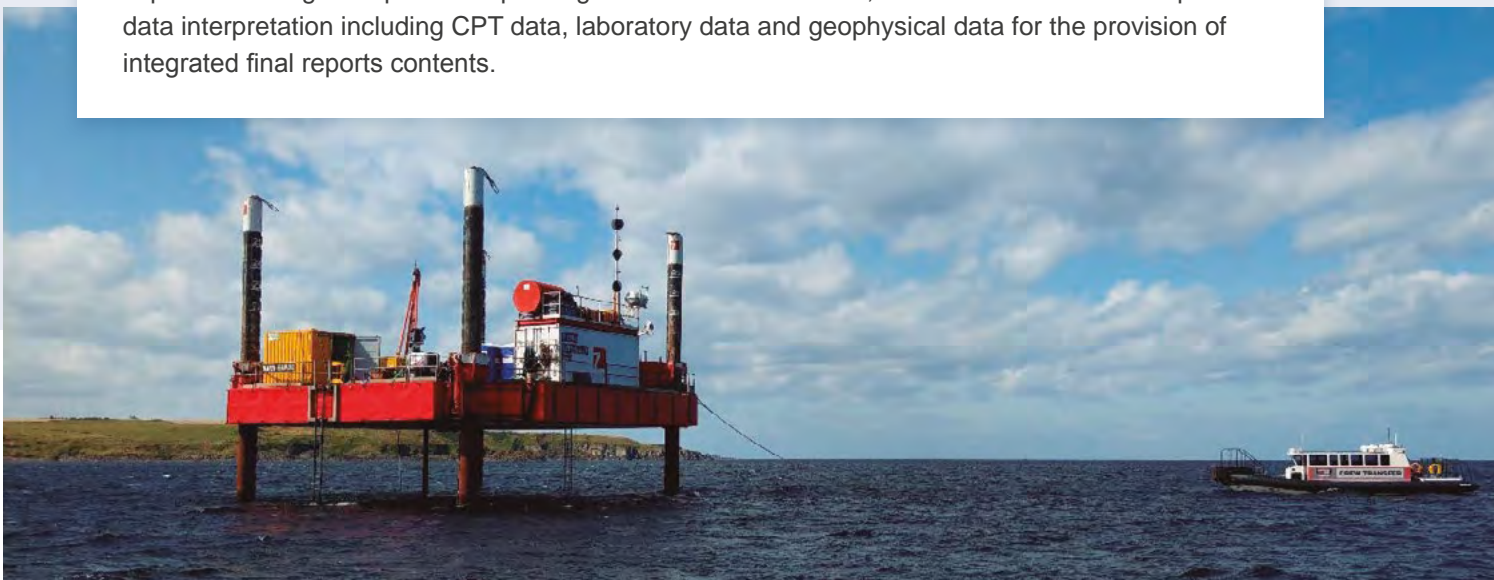
We possess the know-how, the experience and the required equipment to perform hydrographic surveys in all type of environments, from the shallower waters in nearshore areas to the deepest ocean waters in offshore surveys, and even on inland waters. Our greatest value-add is the accuracy and the quality of the data obtained, following international standards, which allows us to provide adequate answers to our clients.

To obtain a precise understanding of the sea bottom and to identify any existing natural or anthropic element, buried or not, is essential for the designing and installation of underwater infrastructure, and for the accurate description of the natural communities present in the area. At Tecnoambiente we have a wide experience in geophysical surveys, from very shallow coastal waters to ultra-deep offshore waters.



MARINE GEOTECHNICS

Tecnoambiente provides marine geotechnical services including site investigations to support design and engineering of offshore and nearshore structures including pipelines and cables routes, foundations, breakwaters, jetty and port developments with reclaimed land in water depths ranging from a few meters to more than 2.000 meters. Using the state-of-the-art equipment, technical experts and long-term partnership with geotechnical laboratories, Tecnoambiente is able to provide data interpretation including CPT data, laboratory data and geophysical data for the provision of integrated final reports contents.





DREDGING MATERIAL CHARACTERIZATION

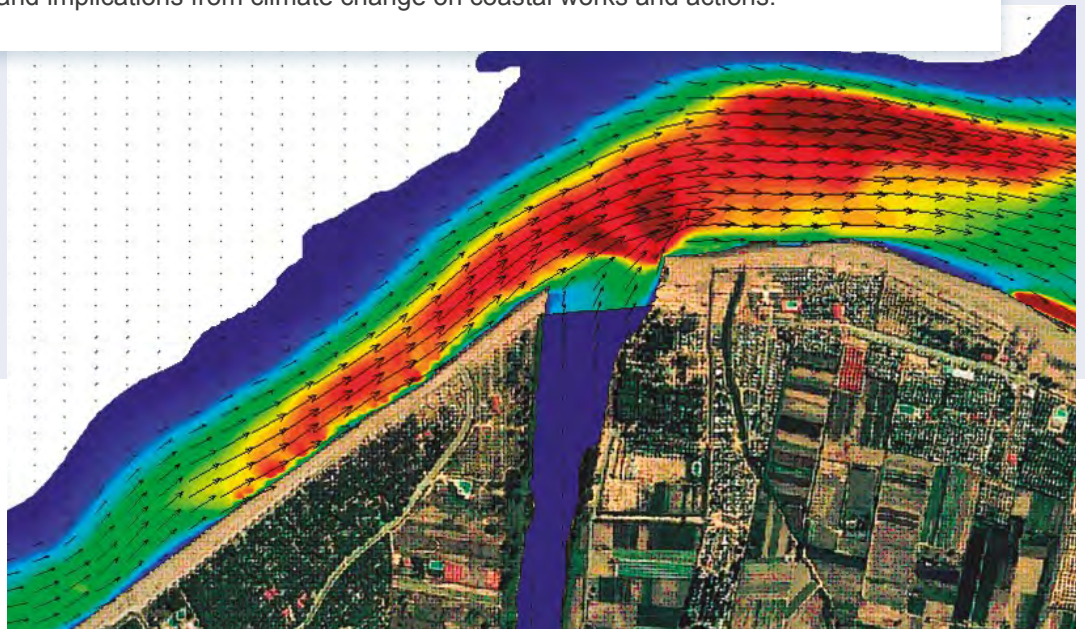


The characterization of sediments not only requires the capability to perform surface and deep sampling, but also an accredited and specialized laboratory. To this end and to fully satisfy our clients' needs, Tecnoambiente possesses the state-of-art sampling and testing tools a 6-meter penetration vibrocorer and our own laboratory. In addition, we have ample experience in all the consulting work that must accompany all dredging projects: the study of productive uses, design of environmental monitoring plans, selection of relocation zones and all necessary procedures until favourable sector reports are obtained, particularly the report on compatibility with the corresponding marine strategy.



HYDRODYNAMIC MODELING

Tecnoambiente uses advanced numerical models of hydrodynamic simulation to forecast the behaviour of the turbidity plume during dredging works and the discharge of materials into the sea, as well as to assess the impact on the coast of port works, the studies of coastal dynamics or the studies of floods and implications from climate change on coastal works and actions.



Spain

Catalonia (Headquarters)

Rda. Can Fatjó, 19 B, Parc Tecnològic del Vallès
08290 Cerdanyola del Vallès (Barcelona)
T. +34 93 594 20 36
F. +34 93 594 21 53
info@tecnoambiente.com

Aragon (Laboratory)

C/ Sisallo, 22-24, Nave D-9, Pol. Empresarium
50720 La Cartuja Zaragoza
T. +34 976 13 26 33
F. +34 976 13 26 48
delegacion.aragon@tecnoambiente.com

Catalonia (Laboratory)

C/ Indústria, 550 - 552
08918 Badalona (Barcelona)
T. +34 93 387 80 80
F. +34 93 387 80 39
tecnoambiente@tecnoambiente.com

Canary Islands

C/ Domingo J. Navarro, 48 bajo
35002 Las Palmas de Gran Canaria
T. +34 93 594 20 36
F. +34 93 387 80 39
delegacion.canarias@tecnoambiente.com

Andalusia

C/ Newton, 15 E, Parque empresarial
11407 Jerez de la Frontera (Cádiz)
T. +34 956 30 24 86
F. +34 956 31 01 39
delegacion.andalucia@tecnoambiente.com

Galicia

C/ Galileo Galilei, 34, planta 1ª, puerta A
15008 A Coruña
T. +34 981 27 47 20
F. +34 981 27 47 77
delegacion.galicia@tecnoambiente.com

Peru

Lima

Avda. Arequipa, 2450, Oficina 608
Lince, LIMA
T.+511 444 1238
sucursal.peru@tecnoambiente.com

Colombia

Bogotá

C/ 90, 12 - 28, Oficina 24
Chicó, Bogotá D.C.
T. +571 6386894
sucursal.colombia@tecnoambiente.com



tecnoambiente.com



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