

SOCOTEC
THE POWER OF FORESIGHT

**Ensure infrastructure
safety and sustainability**





SOCOTEC IN ITALY

A key player in infrastructure's inspections and tests, SOCOTEC specializes in **monitoring and controlling large infrastructure projects** as well as at the service of energy and oil & gas markets.

In Italy, SOCOTEC operates through SOCOTEC Italia a company capable of supporting you in the following fields:

- > Geophysical surveys
- > Geotechnical surveys
- > Structural monitoring
- > Laboratory tests
- > Emissions control and environmental monitoring
- > Chemical and microbiological analysis
- > Offshore equipment and services

Company's professionalism, competence and reliability are proven both by the owning of Ministerial Authorization, granted by Italian Ministry of Infrastructure, allowing Company to operate in the field of Geotechnical and Construction Materials Laboratory Testing, as well as by the owning of SOA Certification for subsoil exploration.

Through its 5 branches, **SOCOTEC Italia** operates in the following 3 business lines:

- > **Infrastructure**
- > **Environment**
- > **Geomarine**

With **35 laboratories** of which **10 fixed** and 25 mobile, company works on the main infrastructural projects thanks to a staff of **300 people** including Engineers, Geologists, Chemists and Specialized Technicians.

SOCOTEC Italia was born from the merging of the companies DIMMS Control, Elletipi, Geomarine and Labo Consult.



35

LABORATORIES

10 FIXED

25 MOBILE

5

BRANCH OFFICES

300

EMPLOYEES





INFRASTRUCTURE BUSINESS LINE

SOCOTEC supports Customers of all sizes and from all sectors in carrying out their daily operations throughout the lifecycle of their infrastructure projects, offering a wide range of services for quality control and safety assurance for the various reference markets.

- 1 Tunnels
- 2 Highways and roads
- 3 Dams
- 4 Railways and subway
- 5 Ports
- 6 Airports
- 7 Civil and Industrial building
- 8 Energy infrastructures
- 9 Bridges

OUR SERVICES

Geological and geotechnical survey / Geophysical survey / Destructive and non-destructive tests on structures / Seismic Vulnerability Assessment / Infrastructure monitoring and validation / Topographic surveys and monitoring with laser scanner, total station and interferometer / Geotechnical monitoring / Bitumen laboratory testing / Construction materials laboratory testing on concrete, steel, wood and reinforced fiber / Geotechnical laboratory testing on soils and rocks / Metallurgy laboratory / Materials technology laboratory for tests on road sign, adhesives, paints, non-woven fabric and mortars

OUR NEW TECHNOLOGY FOR THE INSPECTION OF BRIDGES

The new GPR (Ground Penetrating Radar) owned by SOCOTEC Italia is one of a kind. The new electronics of antennas combine a very high resolution with a much higher penetration capacity. The innovative use of special laser distance meters makes it allow to record the distance and inclination of the antennas compared to investigated surfaces; this, combined with the ability to work up to 20 cm away allows a quick survey ensuring, in any case, high quality data not affected by oscillations or vibrations. The innovative processing's software ensures a rapid mapping of the degraded areas of the concrete structures distinguishing metal elements affected by corrosion phenomena.





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2



3



4



5



6



7

ENVIRONMENT BUSINESS LINE

SOCOTEC also deal with problem solving concerning environmental protection by carrying out studies, research and environmental monitoring through chemical, microbiological and product analysis

1 Chemical analysis

2 Analysis of asbestos roofing and insulation

3 Analysis of industrial emissions

4 Analysis of sludge

5 Analysis of toys

6 Analysis of materials intended for contact with food

7 Environmental monitoring

GEOMARINE BUSINESS LINE

Using the most advanced technologies SOCOTEC provides services and consultancy to marine industry, supporting the design dealing with geophysical, geotechnical and environmental surveys related to coastal and offshore activities.

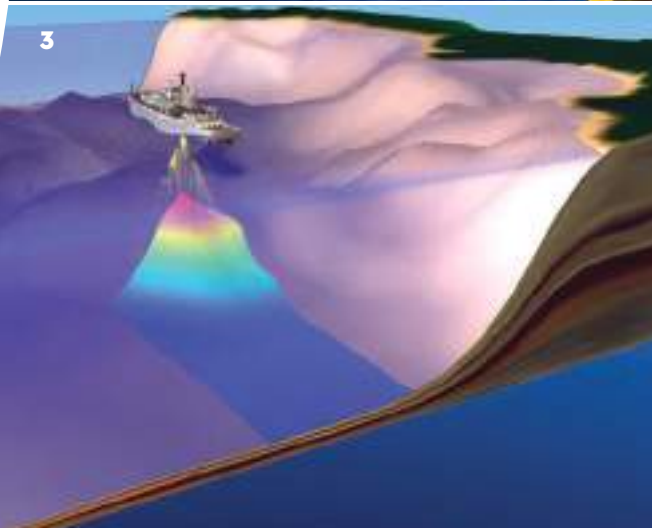
SOCOTEC Italia is reseller for the Italian and Mediterranean market of the most important world producers of equipment for oceanography, hydrography and marine geophysics.



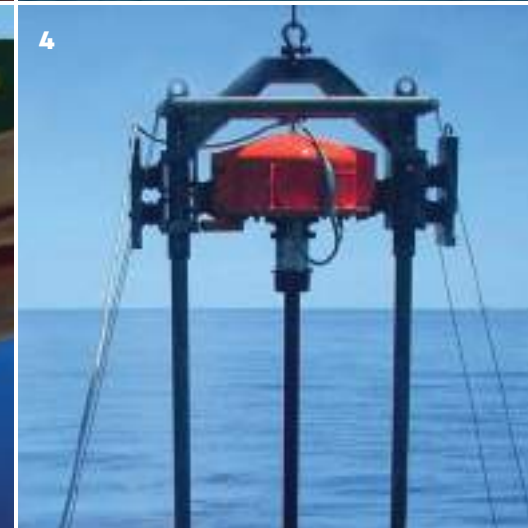
1



2



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1 Offshore survey

2 Surface and underwater positioning

3 Marine geophysics

4 Marine geotechnics

5 Support for cables laying and underground ducts

6 Underwater inspections



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6



OUR ACCREDITATIONS AND AWARDS

Laboratories Authorized by the Italian Ministry of Infrastructures for tests on Soil and Rocks (circ. 7618 STC), Concrete and Steel (Circ. 7617 STC).
Qualified laboratory for the sampling and analysis of aero-dispersed asbestos fibres by the Italian Ministry of Health.

UNI CEI EN ISO/IEC 17025 accreditation / Quality management system UNI EN ISO 9001 / Environmental management system UNI EN ISO 14001 /
Safety management system BS OHSAS 18001 / Organizational model in compliance with LD 231/01 / SOA certification Cat. OS20-B Class. IV

SOCOTEC Group

SOCOTEC Italia is a subsidiary of the SOCOTEC Group, a major TIC (Testing, Inspection and Certification) European player in the construction and infrastructure sectors.

With a 65 year track record in ensuring asset integrity and performance and people's safety, SOCOTEC and our subsidiaries daily reaffirm our pledge to build your future. With 7,800 staff, SOCOTEC operates in 25 countries.

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