



COMPANY PROFILE

GENERAL

GEOSERVICE is a leading supplier of geophysical services to the mining, tunnelling, geotechnical and construction sector in Greece. The company applies its expertise in the non-destructive exploration technologies to provide guidance for exploratory drilling programs, contaminants mapping, groundwater modeling, optimal well design, engineering geology and environmental engineering. GEOSERVICE is founded in 1990 in Athens. The company is structured on a regional basis, with offices in the two major cities of Greece (Athens and Thessaloniki).

SERVICES

Geophysics

GEOSERVICE provides a broad range of geophysical services to support geotechnical engineering constructions including: Cavities detection, subsoil layers delineation, utilities detection and mapping, pavement (asphalt) evaluation and landslide studies. The Ground Penetrating Radar method is used for these purposes, providing one subsurface image in a minimum time and with a significant resolution. Services include geophysical logs that are run to acquire data about the formation penetrated by a well, fluid in the well or a physical characteristic of the well. One complete modern well logging station mounted in a truck with 900 m depth capabilities is used. Services include state-of-the-art technology to "image" the subsurface remotely. Detailed characterization of the shallow subsurface is important in environmental, groundwater and other applications. Services include the application of 2D electrical resistivity tomography method (ERT) for the detection and mapping of contaminant plumes, landfills leakage and other.

Geology

Geology is an important part of any geotechnical investigation. Geological investigations typically include evaluating the engineering characteristics of the rock to be excavated; rock mass characteristics (weathering, strength, joint density and joint attitudes), the presence and effect of perched groundwater, existing landslides and the construction of rock fills.

Environment

GEOSERVICE is a leader and innovator in Greece in groundwater monitoring systems. An extensive range of instruments is available for monitoring ground water quality, movement, temperature and pressure.



Trading sector

In the trading sector, GEOSERVICE is the Greek distributor of the Cetco Drilling Products (<http://www.cetco.com>) line. This line includes fluid additives (polymers), high yield bentonites and sealants and many others related to water and foundation drilling.

RESEARCH & DEVELOPMENT

In the domain of R&D, GEOSERVICE is active in all EU funded Framework Programs of the EU, from the year 2000 until today.

Successfully finished EU projects (FP5)

CRYSTECHSALIN: Crystallization Technologies for the prevention of saline water intrusion

Project Reference: EVK1-CT-2000-00055

Start Date: 2001-03-01 **End Date:** 2004-07-31

Duration: 41 months **Project Status:** Completed

Objectives: The objective of the project is to develop and test a new cost efficient and environmental-friendly technology to reduce or prevent salt-water intrusion into fresh water aquifers. The technology will be based on a reduction of the permeability of porous rock formations by an artificially induced crystallization of slightly soluble minerals from over saturated solutions.

Total project budget funding: 2.500.000 €

GEOSERVICE participation: 184.000 €

EU ref link:

http://cordis.europa.eu/data/PROJ_FP5/ACTIONeqDndSESSIONeq112362005919ndDOCeq415ndTBLegEN_PROJ.htm

Ongoing EU projects (FP6)

GABARDINE: Groundwater Artificial recharge Based on Alternative sources of water

Project Reference: 518118

Start Date: 2005-11-01 **End Date:** 2008-10-31 **Duration:** 36 months

Objective: The objective of this project is to identify alternative sources of water and to investigate the feasibility, both environmental and economic of their utilization. Alternative water sources to be artificially recharged comprise: surface water runoff, treated effluent, and imported water. Participants come from Germany, Greece, Israel, Portugal, Spain, UK, Belgium, Palestine

Project Cost: 3.36 million euro **Project Funding:** 2.5 million euro

GEOSERVICE participation: 181.100 €



EU ref link:

http://cordis.europa.eu/fetch?CALLER=FP6_PROJ&ACTION=D&DOC=1&CAT=PROJ&QUERY=1196749556736&RCN=78750

Recently granted EU projects (FP7)

STONECORE: Stone Conservation for Refurbishment of Buildings

Start Date: 2008-3-01 **End Date:** 2008-2-28 **Duration:** 36 months

Objective: The objective of this project is to use new effective technologies to detect and repair damages in the building elements of ancient monuments and buildings. The project is of great interest to the EU and it is ranked 2nd in a total of 182 proposals submitted this year. It is also focussed in archaeological research using non-destructive methods of geophysics and the Direction for the Conservation of Ancient Monuments of the Greek Ministry of Culture participates with active role. Participants come from Germany, Greece, Poland, The Netherlands, Czech Republic and United Kingdom.

Project Cost: 4.0 million euro **Project Funding:** 2.5 million euro

GEOSERVICE participation: 250.000 €

TURNOVER

The total turnover of the company for the last 3 years (2004, 2005 and 2006) is:

Services in Greek territory	191.985,47 €
Services to the European Union	126.500,00 €
Total:	318.485,47 €

SOME MAJOR CLIENTS

EYDAP SA: Water and Sewage Supply Company of Athens

Water wells construction, groundwater monitoring and telemetry systems construction, water resources management services.

EYATH SA: Water and Sewage Supply Company of Thessaloniki

Well logging services, consulting services

YPEHODE: Greek Ministry of Environment and Public Works

GEOSERVICE provides consultancy services in the domain of the new investments of the Ministry in the domain of telemetry monitoring of surface and groundwater resources.

EU: European Community

Various r&d projects (see references)



INTERNET REFERENCES

Web page:

<http://www.geoservice.gr>

EU links:

http://cordis.europa.eu/data/MSS_PROJ_FP5_EL_EL/ACTIONeqDndSESSIONeq18086200595ndDOCEq10ndTBLeqEN_PROJ.htm

http://cordis.europa.eu/partners-service/success3_en.html

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