



*Planning & Design the World we dream to live...*

## **COMPANY PROFILE**



## 1. Company

**R**oikos Engineering Consultants S.A. is a consultancy firm based in Athens (GR), specialising in a wide variety of engineering projects. The company was established in 1995 after the merger of the individual consultancies run by its founding members and since then has grown steadily to become one of the leading engineering consultancies in Greece, offering a wide range of high quality services.

The key factors for the company's continuous growth may be summed up to its excellent organisation, the high level of scientific knowledge and technical expertise of its executive staff and associates as well as the application of advanced IT systems.

The **main fields of activity** include:



Conduct of a wide spectrum of engineering studies and projects on behalf of the public and private sector



Consulting and advisory services in the implementation of infrastructure projects at all stages of project preparation and management: from the initial plans, human and financial resources, designs, tender procedure and contract agreement to construction, operation, testing and training



Active engagement in the fields of applied Research and innovative technology Development (R & D) aiming to promote effective environmental protection and sustainable development

The successful delivery of complex and multidisciplinary projects, both within the Greek and the international context, is guaranteed by the efficient management structure combined with the expertise, know-how and accumulated experience of the company's staff.

Roikos S.A. is a company privately-owned and entirely independent of manufacturers, suppliers and contractors. Approximately 80% of the company shares are owned by the Directors and the remaining 20% belongs to present and former managers and employees.

Roikos S.A. holds a professional indemnity insurance with LLOYDS OF LONDON (annual open cover) with indemnity limits up to 1,000,000 EUR for each claim and 2,500,000 EUR aggregate annually. In special cases, if so required, additional insurance policies are adopted.

Roikos S.A. head office (private building of 1.000 m<sup>2</sup>) is located at 28 Riga Fereou st., 144 52 Metamorfoosi Athens, Greece, Tel. ++30 210 280 3000, Fax: ++30 210 280 3001, E-mail: [info@roikos.gr](mailto:info@roikos.gr), <http://www.roikos.gr>.



Roikos S.A. Head Office



## 2. Services

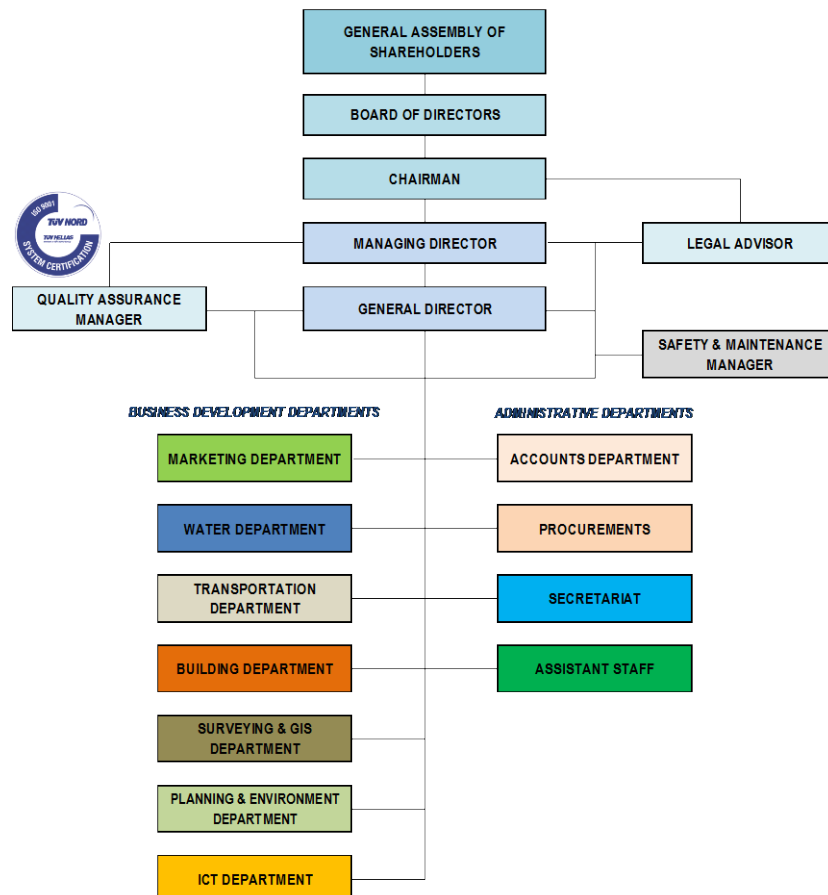
**R**oikos S.A. services range from professional advice in solving a particular problem to comprehensive planning and integrated engineering solutions, including construction supervision and project monitoring, operation and maintenance. The company has a high degree of professional expertise in all main fields of the engineering science as well as in related natural



and social sciences, namely:

- Urban and Regional Planning and Development
- Civil and Structural Engineering
- Mechanical and Electrical Engineering
- Transport and Infrastructure Engineering
- Environmental and Public health Engineering
- Surveying and GIS technology
- Information & Communication Technologies
- Tendering and Procurement
- Project Management
- Advisory support in relevant financial, institutional and legal issues

**Organisation structure diagram**



The company is **registered** (see EC Directive 2004/18 Appendix IX C) in the official Greek Consultancy Register (Reg. No. 521) and is specialised on the following, legislated under the Greek law, consulting services (granted on the basis of individuals' diplomas):

Code	Description	Category	Comments
01	Spatial Planning and Master Plans preparation	C	Highest in the market
02	Town Planning & Urban Design	D	
03	Studies on Economy & Economics	C	Highest in the market
05	Organisational and Business Research Studies	C	Highest in the market
06	Architecture and Building Design	C	
07	Landscape Architecture & Rehabilitation of Monuments and Traditional Buildings	C	
08	Structural Engineering	E	Highest
09	Electrical, Mechanical & Electronic Engineering	E	Highest
10	Transport studies and Traffic management	E	Highest
13	Water Resources Management & Hydraulic Works	E	Highest
14	Studies on Energy Production and Distribution	C	Highest in the market
15	Studies on Industrial Development	B	
16	Topography and Cadastral Mapping	E	Highest
18	Chemical Engineering	C	Highest in the market
20	Geological, Hydrogeological, Geophysical Studies	C	
21	Geotechnical Engineering	C	
27	Environmental Studies	C	

Note: category "A" is the lowest and "E" the highest possible

Roikos S.A. provides consultancy services to a large number of public and private sector clients in Greece and internationally, including local, regional and national authorities, utility companies, contractors, developers, architects, investors etc.



The company's accumulated experience and expertise is demonstrated by an impressive work portfolio comprising over 200 projects that have been completed successfully.

Most of our clients maintain a permanent relationship and collaboration with Roikos S.A., thus verifying the consistency, reliability and quality of our services.

### 3. Policy, Vision and Mission

**T**he fundamental principles and values of the company's policy which are adopted by all staff and associates, include:

- Promoting professionalism, honesty, ethos and integrity in all company relationships, both with clients and staff.
- Building strong and permanent co-operational networks and relations with clients, rather than occasional ones, putting the emphasis on attaining the highest level of satisfaction and fulfilment of client's expectations.
- Assuring high levels of quality, perfection and integrity in the services provided.
- Constantly improving the procedures involved in the production and quality assurance of the project deliverables.
- Keeping up-to-date with newest scientific and technical progresses and demands, through channels of instant information search and up-take, continuous training and lifelong learning.
- Selecting the most efficient and effective project solutions in terms of technical, economic, social and environmental aspects.
- Safeguarding coherency and compliance with Greek and European legislation and international codes of practice, as well as respect of the socially responsible, professional and moral values adopted by the company.



The core business **aims** include:



- ⊙ To sustain positive rates in the company's growth and reinforce its position in the national market in order to become the leading consultancy in the field.
- ⊙ Enhance extroversion and increase the company's international presence and activities.
- ⊙ Expand to new service sectors.

The **mission** of the company and the common **vision** of its executive team are summed up in the overarching objective and anticipation:

- ✓ To contribute with our ideas and work in the creation of a better world, and
- ✓ To confirm, through our operational reviews, that we have indeed made the effort.

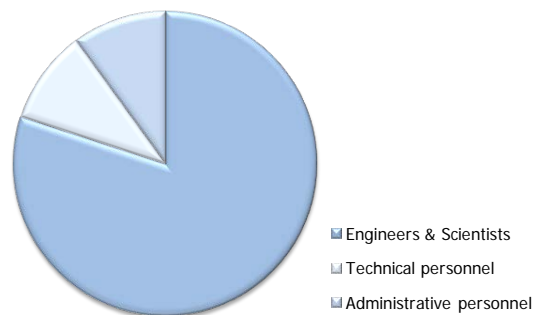
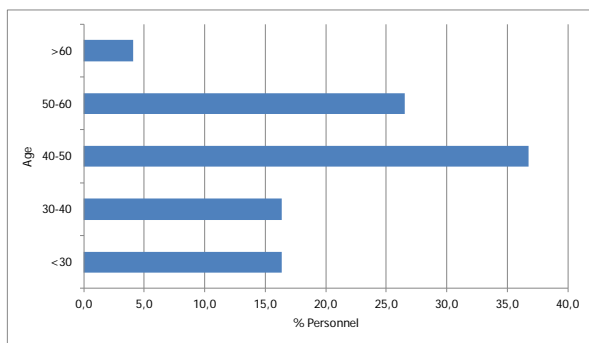


## 4. Personnel

Since its establishment, Roikos S.A. operates with criteria that emphasise on the human factor, and in this context the company invests constantly on human resources as they represent its most valuable asset. The Management team has paid particular attention in creating and maintaining a friendly working environment, ensuring that the staff is enjoying work day-by-day.



Approximately 50 professionals are employed by Roikos S.A. and the staff is highly skilled and experienced (more than 85% of the staff has academic qualifications: BSc, MSc, PhD).



The services provided are customised to each project requirements and the personnel assigned with the responsibility to carry out a project is selected on the basis of similar previous experience.

Roikos S.A. has developed a **human resources management system** which focuses on:

- ⊙ Work satisfaction, staff progress and excellence in science and the consultancy sector
- ⊙ Continuous competitiveness in the market
- ⊙ Proficient, on-time and qualitative service provision in each contract
- ⊙ Fulfillment of clients' expectations and client satisfaction
- ⊙ Adherence to obligations arising from legal and social matters
- ⊙ Constant improvement of quality and productivity
- ⊙ Efficient intra-sectoral cooperation and collaborative spirit

In the context of further expanding our activities abroad, and depending on each project specific requirements, we have developed a network of permanent collaborations with reputable Greek and international consultancy firms, universities and research institutes.

## 5. Quality Assurance

The overall philosophy of the company is reflective of its commitment to **Quality Assurance** which has been consolidated in the daily operations and the way all company staff work and think.



The management team of Roikos S.A. has formulated a specific **Policy for Quality Assurance**, which constitutes an integral part of the company's operations and as such is put into practice in all tiers of the organizational structure. The core principle and commitment is the delivery of high level qualitative services that adhere to the contractual terms and agreements and comply with the existing legal and regulatory framework.

The Quality Assurance Policy is implemented through a set of actions aiming at:

- The establishment of a Quality Management System (QMS) based on the International Standard ISO 9001, which is effectively applied to the whole range of activities that might affect the quality of the services provided and the degree of client's satisfaction. Since 1999, the company's QMS is regularly reviewed and validated through certification issued by the international agency TÜV NORD CERT GmbH.
- The adoption of the principle of continuous improvement in the services provided, which is achieved by means of interim reviews of the effectiveness and efficiency of the QMS applied, through regularly or extraordinarily scheduled internal and external controls and inspections.
- The well-informed briefing of the staff to the Quality Assurance Policy in place, its goals and objectives.
- The creation of functional channels for communication exchange between the different company's departments, in order to promote the homogeneous dissemination of the Quality Assurance Policy objectives at all operational levels.
- The continuous education and training of the staff, together with its constant familiarisation with the latest information via well-known and reliable professional networks and platforms.



- ☑ The provision of all the necessary resources required for the efficient and productive operation of each project team.
- ☑ The outline and application of measures and controls for safety, hygiene and environment protection.

## 6. IT capacity and equipment

**R**oikos S.A. gives special importance to Information Technology (IT) and invests annually significant amounts on hardware and software infrastructure renewal and upgrade. The company is equipped with the most up-to-date and reliable IT infrastructure, such as software applications and hardware equipment connected to the company's LAN, surveying instruments and other apparatus for field research, state of the art customised applications.



All staff members have access to the latest technology computer facilities and to specialised software applications, for every project, including tools for project management, planning and implementation (eg. software applications for financial and time control, for automated calculations according to various technical specifications, CAD and GIS, Internet fast connections, etc).

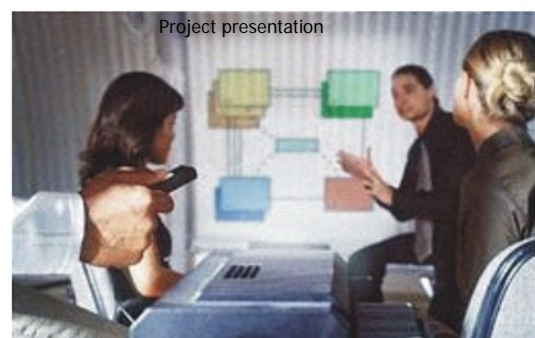


The potential opportunities created by modern IT infrastructure are maximised through the high scientific and technical expertise of the staff, in conjunction with the extensive use of top quality and reliable equipment and specific, technologically-advanced software applications adjusted to each project's needs.

## 7. Areas of expertise

**R**oikos S.A. is specializing in the provision of integrated services in the following sectors:

- ✦ **Water & Environment**
- ✦ **Urban & Regional Planning**
- ✦ **Building & Urban refurbishment**
- ✦ **Transportation**
- ✦ **GIS & Surveying**
- ✦ **Information & Communication Technologies (ICT)**
- ✦ **Project Management**



## 8. Water & Environment

**W**ater & Environment is the predominant activity sector of Roikos S.A. corresponding to over 50% of the total annual turnover. A multidisciplinary and long-experienced team of more than 20 professionals (mostly engineers) is dedicated to offering consultancy services in the field of water and environmental management, including state of the art engineering solutions and modern project management and implementation methods and techniques.



Kalampaka – Meteora WWTP

Each project is scrutinised in terms of technical, socio-economic and environmental criteria and indicators within the context of the existing legal and institutional framework, in order to promote sustainability and propose the most effective and long-term viable solutions.

Roikos S.A. provides integrated services in the following multidisciplinary areas pertinent to water and environmental management:



- ⇒ Water resources management
  - ⇒ Water supply and treatment
  - ⇒ Water safety and automatic control systems
  - ⇒ Wastewater collection, treatment and disposal
  - ⇒ Storm water management
  - ⇒ Irrigation works
- 
- ⇒ Industrial and agricultural wastewater management
  - ⇒ Solid waste management
  - ⇒ Aquatic environment protection
  - ⇒ Renewable energy sources
  - ⇒ Environmental impact assessments (EIA)
  - ⇒ Strategic Environmental planning & management

### Typical projects:

- Wastewater management master plan in the Prefecture of Achaia (P.E. 330.000).
- Water supply and treatment works in the Prefecture of Ilia (P.E. 140.000).



- ☑ Wastewater treatment plant in the City of Serres (P.E. 105.000) *(photo)*.
- ☑ Rehabilitation and extension of the Wastewater treatment plant in the City of Kavala (P.E. 100.000).
- ☑ Storm water management works in the City and the Port of Igoumenitsa.
- ☑ Water supply works for land irrigation in the

Municipality of Florina.

- ☑ Wastewater treatment and disposal works in the industrial estate of the City of Kavala.
- ☑ Wastewater treatment of the oil storage plant of Hellenic Petroleum in Heraklion, Crete.
- ☑ Solid waste and wastewater management in the new Olympic Equestrian Centre of Athens.

- ☑ Waste landfill site in the Municipality of Komotini.

- ☑ Environmental protection and restoration of Corfu island rivers *(photo)*.

- ☑ Environmental protection and restoration of Amaliada coastal zone against the run-off from agricultural areas.



- ☑ Rehabilitation and extension of Rhodes WWTP (P.E. 210.000).
- ☑ Design of Almopeos River Dam (60m height, 50x10<sup>6</sup>m<sup>3</sup> effective volume).
- ☑ Strategic Environmental Impact Assessment for the Local Urban Development Plans of several Greek Municipalities.
- ☑ Compilation of Bathing Water Profiles in accordance with the 2006/7/EC Directive in Greece *(see <http://www.bathingwaterprofiles.gr/>)*.

## 9. Urban and Regional Planning

**R**oikos S.A. offers a variety of services related to **Urban & Regional Planning** ranging from regional and urban development strategic and master plans to detailed town plans and urban design studies of specific sites, as follows:

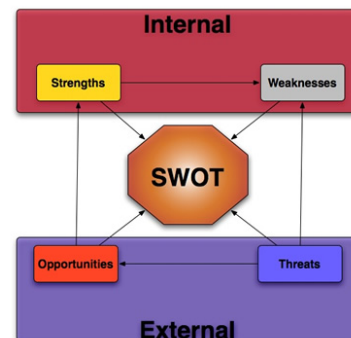


- ✓ Strategic spatial development and regional and urban planning
- ✓ Urban infrastructure development and planning
- ✓ Rural development and urban-rural areas partnerships
- ✓ Urban management and coordination of municipal finance and economics



- ✓ Social infrastructure development
- ✓ Urban health and environmental planning
- ✓ Detailed town planning
- ✓ Urban Design and Landscape Design (redesign of open areas, brownfield development etc)
- ✓ Cultural heritage and tourism development

An expert team with long presence in the field, is involved in the conduct of comprehensive and integrated regional and urban plans that cover a multitude of issues related to: land use zoning, sustainable development, environment protection, natural resources management, protection and conservation of fragile ecosystems, cultural heritage protection, priorities and measures for revitalising and redeveloping rural areas, development of productive sectors including tourism vis-à-vis, environment protection, enhancement of quality of life, provision of necessary infrastructure, sustainable mobility, green building and reduced-energy consumption design, integration of renewable energy sources into spatial planning, globalisation, decentralisation, public participation and involvement etc. Geographic Information System (GIS) technology is widely used in the framework of all urban and regional planning projects.



### Typical projects:

- ☑ Strategic urban plan of the Municipality of Kardamena in Kos Island (one of the most famous Greek tourist destinations).
- ☑ Operational plan for the Municipality of Igoumenitsa 2007-2010.

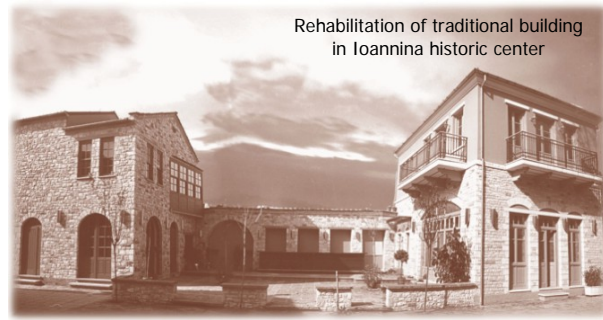


- ☑ Master plan and detailed designs of open spaces (squares and recreational sites) in the town of Kalampaka – Meteora region (*photo*).
- ☑ Expansion - revision - street layout and block design in the framework of the City of Ioannina's Town Plan preparation.
- ☑ Strategic master plan for spatial and urban planning and sustainable development for many Greek Municipalities (Amaliada, Agios Konstantinos, Almyros, Mouzaki, Filiatra, Anaktorio, Kalampaka – Meteora, etc.)
- ☑ Master plan for the rehabilitation of Amvrakikos traditional settlements (*photo*).
- ☑ Strategic planning and development master plans (including action plans) for 14 villages in the Limassol and Nicosia regions in Cyprus.
- ☑ Cadastral study and urban design of Anthousa (Greater Athens' suburb).
- ☑ Evaluation, Revision and Updating of Epirus' Regional Spatial Planning and Sustainable Development Plan (≈350.000 inh.).



## 10. Building design and urban refurbishment

**R**oikos S.A. provides support for all kinds of projects in the **Building design and urban refurbishment** sector. We offer advice at every project stage – from construction, planning and initial drawings to detailed designs, project management, preparation of tender documents and specifications, project implementation and site inspection. Both the aesthetic and the functional design of buildings and inner city areas follow a set of rules based on assessing and minimising environmental impacts, promoting green building methods, energy efficiency and safety, and adapting to modern trends, needs and technologies.



Roikos S.A. provides services in the following areas:

- ✓ Public buildings (administrative, cultural, sport, amenities, educational, hospitals etc)
- ✓ Office and commercial buildings
- ✓ Tourist units (resorts, hotels, leisure etc)
- ✓ Industrial buildings and warehouses
- ✓ Restoration and rehabilitation of traditional buildings, churches and monuments
- ✓ Landscape design and open spaces refurbishment and renewal

### Typical projects:

- ☑ Restoration of Venetian salt warehouses in the island of Corfu and reuse as a museum.
- ☑ Restoration of the Psychiatric Hospital of Corfu.
- ☑ Police Directorate in the island of Corfu.
- ☑ Health Centre in the City of Ioannina.
- ☑ Municipal Theatre and Cinema in the City of Preveza.
- ☑ Town Hall of the Municipality of Kalampaka – Meteora region.
- ☑ Annex of Athens' School of Fine Arts in the Prefecture of Thesprotia.
- ☑ Urban infrastructure and refurbishment work in the Environmental Awareness Park «ANTONIS TRITSIS» in Athens (*photo*).
- ☑ Design studies of 92 Public Libraries in equivalent number of Technological Education Institutes across Greece (approx. in all 51 Greek Prefectures).
- ☑ Museum of Geology in the Meteora region.

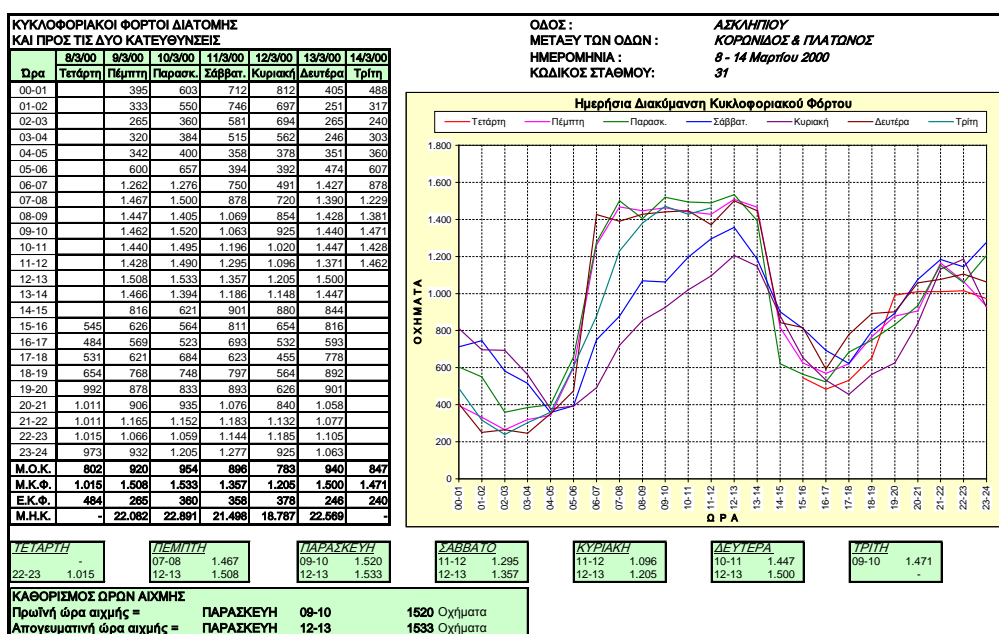


## 11. Transport studies

In the field of **transportation**, Roikos S.A. provides consultancy services across all aspects related to transport systems and infrastructure, and throughout the whole project life-cycle: from the initial planning phase, financial and human resources, preliminary designs, tender documents and contract award to final designs, construction and operational management.



In transport scheme projects and in order to, inter alia, map new roads and carry out accurate and reliable calculations regarding road specifications and characteristics, specialised software is used on top of CAD applications and GIS technologies, such as state-of-the-art travel demand estimation models and traffic simulation software.



Roikos S.A. provides services in the following areas:

- ✓ Transport systems planning (roads and railways)
- ✓ Bridges and Tunnels construction
- ✓ Traffic management and parking schemes
- ✓ Road signage and safety
- ✓ Management, operation and maintenance of transport infrastructure

Roikos S.A. brings together the professional expertise and scientific skills to support a wide range of services required in transport projects, such as quantity surveying, digital mapping and GIS, structural engineering, geological and geotechnical studies, drainage, flood protection and irrigation, electrical and mechanical engineering, environmental impact assessment etc.

## Typical projects:



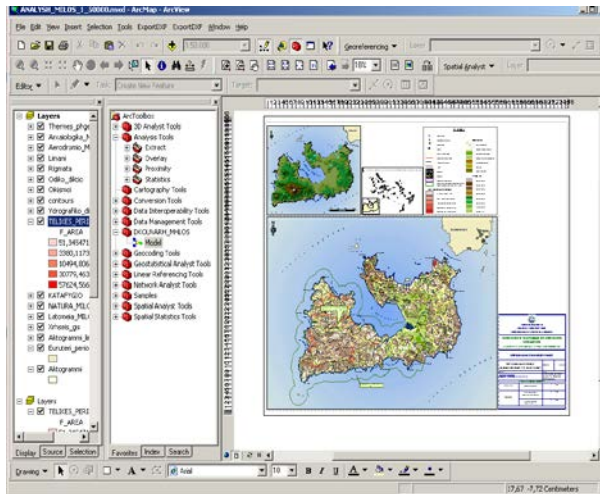
- ☑ Traffic management and Parking scheme study for the Athens' Weightlifting Olympic Stadium (*photo*).
- ☑ Participation in the design of several highway sections of the Greek National Roads Network (Patra - Athens - Salonica Motorway, Egnatia Motorway, Ionian Motorway, National Road of Crete, etc).

- ☑ Traffic management and Parking scheme study in the City of Trikala (*model output sheet*).
- ☑ Traffic management and Parking scheme study in the town of Kalampaka – Meteora region.
- ☑ Study for the extension and upgrading of the bus routes operated by the electrically powered buses (trolleys) company in the region of Athens and Piraeus (*photo*).



## 12. GIS & Surveying

**G**eographic Information Systems (GIS) technology has been developed to respond to the requirements of complex spatial data management and has numerous applications in a broad professional domain. GIS applications have radically increased during the last decade, and are now an integral part of operations within many productive sectors, government agencies and administration in general, citizen services etc.

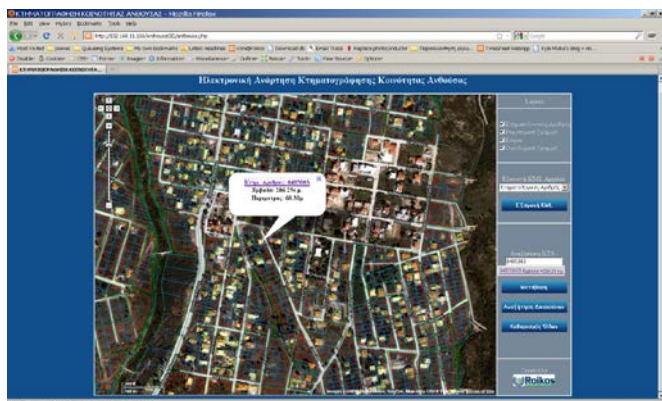


Roikos S.A. provides integrated services in cartography, mapping and development of GIS solutions for a variety of applications, such as environmental management, organisation of public services, management of infrastructural works, e-government for citizens support etc. Furthermore GIS applications are extensively used in the conduct of many studies (eg. Town Plans, spatial planning studies, cadastral mapping, hydraulic engineering studies, environmental planning, utilities design etc).

Our highly qualified GIS experts are trained in using various, widespread standard GIS software packages including ArcInfo, ArcView, MapInfo, AutoCAD Map, Oracle g and others. Also, Roikos S.A. is equipped with modern, state of the art GPS apparatus (Global Positioning Systems) which provide real-time and accurate measurements that may be referenced in various geographic positioning systems.

Roikos S.A. provides services in all fields related to topographic studies and surveys, such as:

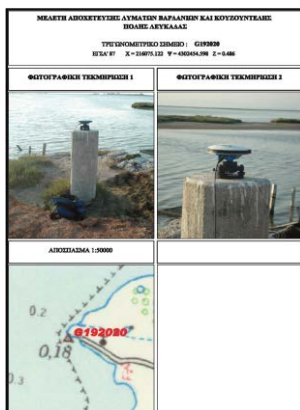
- Land Information Systems
- Cadastral surveys
- Topographic, Hydrographic, Geodetic and Geophysical surveys
- Digital cartography and mapping, digital elevation modelling
- Digital Photogrammetry, Photo-Interpretation and Remote Sensing



To ensure the highly sophisticated and qualitative delivery of services, Roikos S.A. is investing considerable amounts on an annual basis and owns a set of technologically advanced surveying instruments (laser and optical total stations, imaging stations, theodolites, levels etc), as well as the most updated and reliable, related software available. Moreover, the company has developed a state of the art, customised software platform (ROIKOS-KTHMA®) dedicated to facilitate the management and organisation of land information and registration systems and databases.



### Typical projects:

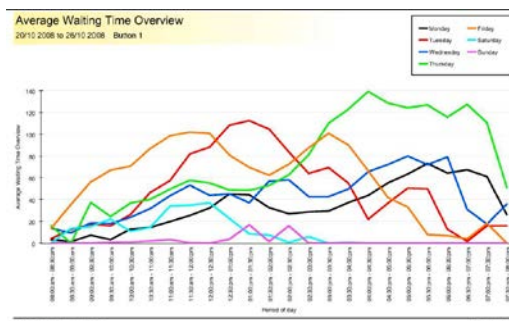


- Topographic surveys, measurements and mapping of high accuracy and robustness, for a large number of projects on transport systems, hydraulic engineering and environmental management.
- Production of digital maps from high accuracy satellite images, for a variety of project applications (urban and spatial planning, town plans, etc).
- Photogrammetric survey of the Venetian salt warehouses in the Corfu Island.
- GIS applications for a variety of projects (land register, town planning, environmental management studies, water supply networks and gas supply networks, aerials and towers for mobile telephony etc).
- Land Information System (cadastre) for the cities of Alexandroupoli, Drama, Xanthi, Kilkis and Polygyros.

## 13. Information & Communication Technology (ICT)

**Information & Communication Technology (ICT)** is nowadays integrated in all aspects of project management, design and implementation, bringing significant advantages in processes and operations, such as:

- Improvement of procedures
- Increase of productivity
- Cost reduction
- Enhancement of extroversion and transparency in project activities and results
- Quality control



The ICT department of Roikos S.A. offers integrated services in the following sectors:

- ☒ Operational design and management of information systems and networks, utilising the utmost safe and modern technologies of remote management.
- ☒ Demand analysis, application development and design.
- ☒ Design and creation of web applications and websites.
- ☒ Consultancy on all issues pertinent to ICT.
- ☒ Optimisation of ICT networks and applications.
- ☒ Cost and operation analysis including estimates of TCO (Total Cost of Ownership) of ICT systems.
- ☒ Study of automation systems, remote control and operation of technical infrastructure and industrial installations.

Αναφορές

Είδος Αναφοράς: [Ανά ΚΤΑ]

Ημ/νία Κατάθεσης Δήλωσης: Από: [04/11/2009] Έως: [04/11/2009]

ΚΤΑ: [ ]

Αναφορά Ανά Κτηματολογικό Αριθμό

Κτηματολογικός Αριθμός	ΚΤΑ	Αρ. Πρωτοκόλλου	Όνοματεπώνυμο / Επωνυμία	ΑΦΜ	Ημ/νία Εισαγωγής
Κτηματολογικός Αριθμός: 0402013	0403013	484_11012008	Όνοματεπώνυμο / Επωνυμία	ΑΦΜ	11/1/2008 12:00:00 ημ
Σύνολο: 1					
Κτηματολογικός Αριθμός: 0402010	0402010	070_14012008	Όνοματεπώνυμο / Επωνυμία	ΑΦΜ	14/1/2008 12:00:00 ημ
Σύνολο: 1					
Κτηματολογικός Αριθμός: 0403003	0403003	730_15012008	Όνοματεπώνυμο / Επωνυμία	ΑΦΜ	15/1/2008 12:00:00 ημ
Σύνολο: 1					
Κτηματολογικός Αριθμός: 0402009	0402009	045_16012008	Όνοματεπώνυμο / Επωνυμία	ΑΦΜ	16/1/2008 12:00:00 ημ
Σύνολο: 1					
Κτηματολογικός Αριθμός: 0402014	0402014	1110_18012008	Όνοματεπώνυμο / Επωνυμία	ΑΦΜ	18/1/2008 12:00:00 ημ
Σύνολο: 1					
Κτηματολογικός Αριθμός: 0403011	0403011	1149_18012008	Όνοματεπώνυμο / Επωνυμία	ΑΦΜ	18/1/2008 12:00:00 ημ
Σύνολο: 1					
Κτηματολογικός Αριθμός: 0402017	0402017	1597_23012008	Όνοματεπώνυμο / Επωνυμία	ΑΦΜ	23/1/2008 12:00:00 ημ
Σύνολο: 1					

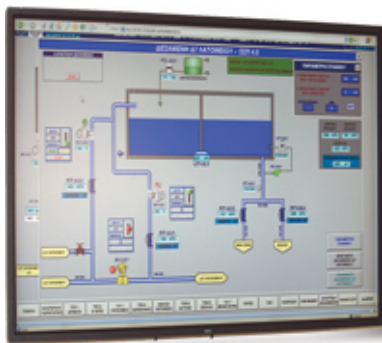
The ICT department is also supporting all activities and assignments undertaken by Roikos S.A., through the provision of innovative applications and high quality ICT services, as required in

each project. Indicatively, special ICT applications have been developed in the context of carrying out projects as well as organising business operations, such as state of the art software applications for geospatial data management and for creation of land registry and cadastre, or ICT applications for project file management and archiving, financial and human resources management etc.

Open source tools and methods are used in developing ICT applications, i.e. *Eclipse, JAVA, JavaScript, PHP, MySQL, PostgreSQL, PostGis, Nagios, Wordpress, Joomla, OpenCMS, Drupal*, together with up-to-date solutions of business software such as *.NET, MS SQL Server, Oracle, Arc GIS, Manifold*, etc.

### Typical projects:

- ☑ Various ICT applications for the creation of spatial databases (GIS) and monitoring platforms in respect to environmental management studies and infrastructural project management (water supply networks, gas supply networks, mobile telephony aerials and towers etc).
- ☑ Studies of ICT networks and systems in a large number of building and industrial projects.
- ☑ Land information system in the area of the expansion of the town boundaries of Anthousa Community (Greater Athens' suburb).



- ☑ Consultant to the Volos Municipal Water and Sewerage Company in the project "Automation of operation – automatic control of the inner and outer water supply system", including formulation of a model to control water leakages, configuration of factors relevant to the function of the model application, development of automation systems, remote control and handling, etc (*photo*).
- ☑ Land Information System (cadastre) for the cities of Alexandroupoli, Drama, Xanthi, Kilkis and Polygyros.
- ☑ Registry and operation of the Greek Bathing Water Profiles Database, according to 2006/7/EC Directive (see <http://www.bathingwaterprofiles.gr/>).

## 14. Project Management

**R**oikos S.A. offers integrated services in project coordination and management with the view of safeguarding that all assignments undertaken are performed according to the project specifications, on time and within budget, and meet the project requirements in terms of technical, scientific and quality standards.



Our expert staff provides advice and support to clients on all issues and procedures related to project implementation, i.e. from the initial planning phase and the issuing of the permissions required, to the more detailed designs, tender documents and necessary procurements, and subsequently to the construction, project start-up phases and operation.

Besides the provision of technical and scientific expertise, thorough consultation and support on legal and financial issues related to project planning and implementation are also provided, in order to fulfil the specific requirements of each project and achieve the project aims set out by the client.

Roikos S.A. provides a multitude of services related to project management, such as:

- ✓ Strategic business planning and problem solving
- ✓ Project planning, evaluation and monitoring
- ✓ Support in decision making and in policy formulation
- ✓ Cost estimates, budget composition and financial monitoring
- ✓ Project coordination, time schedule keeping, and design of mechanisms for inspection and follow-up
- ✓ Tendering processes and procedures
- ✓ Preparation of tender documents
- ✓ Contract agreement preparation and pre-negotiation agreements
- ✓ Contract management and resolution of claims and disputes
- ✓ Project control systems
- ✓ Project risk management and assessment
- ✓ Administrative and technical support
- ✓ Construction management support
- ✓ Maintenance and operation management systems
- ✓ Technical and professional capacity building and training programmes

## Typical projects:



- ☑ Wastewater treatment plant in the Municipality of Alexandria.
- ☑ National Theatre and Aquarium in the island of Lefkada.
- ☑ Solid waste and wastewater management system in the new Olympic Equestrian Centre of Athens *(photo)*.

- ☑ Sewerage network and wastewater treatment plant in the City of Igoumenitsa.
- ☑ Sewerage network and wastewater treatment plant in the town of Kalampaka in the Meteora region.
- ☑ Rehabilitation and extension of the wastewater treatment plant in the City of Kavala.
- ☑ Water supply and automatic control system in the City of Volos *(photo)*.
- ☑ Water supply system and water treatment plant of Pinios lake in the Prefecture of Ilia.
- ☑ Management of the Bathing Water Quality Monitoring Programme for Greece (2013-2015), according to 2006/7/EC Directive.



## 15. Other activities

### Networking

The company and its executives are active members in a host of national and international organisations, as follows:

- ☑ Greek Technical Chamber
- ☑ Athens Chamber of Commerce & Industry (ACCI)
- ☑ Greek Consultancy Register of the Ministry of Infrastructure, Transport and Networks
- ☑ Hellenic Association of Consulting Firms (HELLASCO)
- ☑ Hellenic Federation of Enterprises (SEV)
- ☑ Project Management Institute (PMI)
- ☑ United Nations Global Marketplace (UNGM)
- ☑ United Nations Office for Project Services (UNOPS)
- ☑ Greek Association of Urban and Regional Planners
- ☑ Hellenic Institute of Transportation Engineers
- ☑ Association of Geoinformatics and Cadastre Firms
- ☑ International Water Association (IWA)
- ☑ Water Environment Federation (WEF)
- ☑ Greek Committee for Water Resources Management
- ☑ American Society of Civil Engineers (ASCE)
- ☑ European Water Resources Association (EWRA)
- ☑ European Federation of National Engineering Associations
- ☑ Institute of Mechanical Engineers (UK)
- ☑ Chartered Institute of Water & Environmental Management (UK)

### Teaching and research

Most of our experts have significant teaching and research experience in cooperation with academic institutes in Greece (National Technical University of Athens, University of the Aegean, Technical Educational Institute of Piraeus, etc).

Moreover, they have written many scientific articles and reports, published in international scientific journals and presented in conferences, congresses and workshops.







28 Riga Fereou st., 144 52 Athens, Greece  
Tel: ++30 210 280 3000, Fax: ++30 210 280 3001  
Email: [info@roikos.gr](mailto:info@roikos.gr), <http://www.roikos.gr>