# **GAPRES**

Gabinete de Projectos, Engenharia e Serviços, S.A.

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#### **Corporation Form** Joint-Stock Company

**Registered Capital** 

# 225.000 Euros

Alexandra Vaz, Eng.

**Board of Directors** Artur Ravara, Eng., Chairman Eduardo Cansado Carvalho,

# **Directors**

Alberto Miranda Raposo, Eng. J. Pereirinha Rodrigues, Eng. José Pedro Salema Garção, Eng. Diana Barros, Eng.

# **Permanent Personnel**

Total: Graduates: 13 Other Technicians: 11 Administrative Staff:

# Turnover (2010)

2.006.210 Euros

### Certifications

 Quality System for Civil **Engineering Design** according to ISO 9001:2000



#### **Main Associations**

- APEE Portuguese Association for Structural Engineering
- APPC Portuguese Association of **Engineering and Management** Consultants
- GPBE Portuguese Group of Structural Concrete
- IABSE International Association for Bridge and Structural Engineering
- SPES Portuguese Society of Earthquake Engineering
- SPG Portuguese Association of Geotecnics

### **General Description**

GAPRES – Gabinete de Projectos, Engenharia e Serviços, SA is a company specialized in engineering studies and projects. Founded in 1973 as a Limited Liability Company, its statutes have gone through different adjustments until the year of 1993, when GAPRES became a Joint-Stock Company owned by its key personnel.

The company has a wide curriculum of numerous important works in Portugal and abroad (namely in Macao, Africa, Middle East and Venezuela).

#### **Main Expertise**

GAPRES activity in engineering design covers a broad range of fields including structural engineering, dynamics, earthquake engineering, geology and geotechnical engineering, foundations, earth movement and structural rehabilitation and building

. Such skills have been applied in the design of large buildings, football stadia, bridges and viaducts, industrial plants, telecommunication masts and towers, tanks and silos using, as appropriate, structural concrete, steelworks, timber and masonry. GAPRES staff includes specialists familiar with advanced structural engineering and construction technology, such as:

- suspension and cable stayed structures
- tensile structures
- · composite and non-traditional material structures,

• supported by adequate hardware and engineering software.

Whenever it is necessary GAPRES resorts to external consultants through adequate associations, thus providing highly skilled and flexible services in jobs that require multidisciplinary expertise. As an independent consulting engineering firm GAPRES is able to set the most suitable associations for each specific job.

Multidisciplinary team work has included namely:

- building technical installations (electrical, mechanical, telecommunications, safety and security)
- water, sewage and drainage
- · road and railway design
- physical model testing (wind tunnel, seismic, etc).

### Services

- Consultancy and engineering design
- · Review and design checking
- Technical assistance during execution
- Diagnostic and rehabilitation
- · Geotechnical consulting
- Arbitration and mediation

### **Significant Last Works**

**Buildings:** National Horse Center, Alter do Chão; Exhibition Pavilions for FIL/AIP and Virtual Reality Building at Expo'98 – Lisbon; Retail Park in Portimão; Sana Amoreiras Park Hotel; Sana Hotel Vasco da Gama; Espace and Explorer Buildings at Parque das Nacões; Kidzania – Dolce Vita Tejo; Sana Royal Falésia Hotel; Shopping Centres Gran Plaza Tavira; Dolce Vita Braga and Aqua

Industrial Plants: Cofapeuropa auto components factory, Cantanhede; Ford electronic plant, Palmela; Auto-Europa installations, Palmela; Pulp and paper plants for Soporcel at Leirosa, for Inapa in Setúbal and for Portucel Recicla at Mourão (preliminary design); Soporcel TG4 project (turbine and cooling

Sports Facilities: Design revision for the new Sporting football stadium, Lisbon; Euro Stadium, Coimbra

# Transport Infrastructures:

Over 300 bridges, viaducts and overpasses for EP (IP3, IP8, accesses to Freixo bridge), for Brisa (A1, A6, A7, A8, A17, Scut Douro Litoral) and for Municipalities.

Remodelling of Rossio Railway Station and connection to the Metro, Lisbon; Modernization of the Lisbon - Porto and Beira Alta railway lines; Remodelling of the Minho railway line at Lordelo/ Guimarães and Nine-Braga. Railway link between Lisbon Containers Harbour/Linha de Cintura (ring line)/Linha de Cascais (passengers line).

Studies for the airports of Faro, Oporto, Macao, New Airport of Lisbon and Air Base in Tancos.

Fontaínhas Terminal of the Port of Setubal to APSS.

Infrastructures for telecommunications: over one hundred towers and masts for Marconi, RTP, RDP, Radio Renascença and

Sanitary Engineering and Hydraulic works: water supply systems in Lisbon, Loures, Matosinhos and Lever, Porto. Sewage treatment plants in Lisbon and Madeira; Valorsul solid waste treatment plant, Loures; Safety evaluation of earth dams Vale do Gaio, Pêgo do Altar and Campilhas.

**Urban infrastructures:** Alto Lumiar, Lisbon; Vilar do Golf (Shell/BPA), Quinta do Lago, Algarve; Soltroia, Tróia, Setubal; Taguspark S&T Park infrastructures, Oeiras; S&T Park of Maia, Porto; Infrastructures of the Auto-Europa suppliers park, Palmela



Last update: 30-05-2011

### International Experience

GAPRES has developed activity abroad since 1975 namely in the Middle East, Venezuela, Angola, Guinea-Bissau, Mozambique, Cape Verde, Ghana and Macao

Currently designing for Angola, Mozambique and Cape Verde.