



Egis Structures & Environnement

Consultancy, engineering and project management services, from design to operation, in civil engineering structures, tunnels and underground structures, geotechnics and environment.

OUR AREAS OF EXPERTISE

MAJOR STRUCTURES & GEOTECHNICS

Bridges, tunnels and underground structures, geotechnics



- Bridges, viaducts, footbridges
- Retaining walls
- Dams



- Logistical and industrial platforms
- Large urban excavations
- Retaining and Soil/structure works
- Soil reinforcement and stabilisation



- Protection against the natural hazards
- Earthworks
- Cut-and-covers
- Tunnels and underground structures



ENVIRONNEMENT

Territories & Infrastructures - Industry - Cities & planning



- Environmental engineering
- Biodiversity and eco-engineering
- Landscape, architecture and heritage
- Acoustics, Waves and Vibrations
- Air & odour pollution and health risks
- Geomatics



- Hydrology, hydrogeology
- Sustainable development and eco-design



- Urban requalification, reconversion, extension
- Living environment



- Industrial security and safety
- Waste management
- Polluted and contaminated sites & soil management
- Debris management

OUR SERVICES

ENGINEERING

- Technical diagnostics, expert appraisals
- Feasibility studies
- Specific studies
- Design Studies
- Purchase & work procurement
- Detailed design review
- Full EPCM services and works supervision
- Integrated engineering
- Assistance to operations

CONSULTANCY

- Assistance to owners
- Consultancy and strategic studies
- Specialised consultancy (audit, expertise...)

Certifications :

OPQIBI, ISO 9001, ISO 14001, OHSAS 18001, COFRAC, LNE (domains A & B)

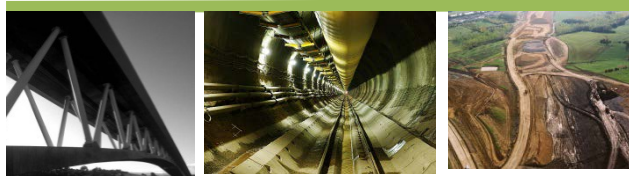
Key figures 2016

Turnover: **58,4 M€**
Human resources: **447** employees
13 locations in France and Asia



OUR REFERENCES

Egis Structures & Environnement is organised into 4 specialised brands



EGIS JMI

Bridges Engineering

- Citadelle Bridge - Strasbourg : Architectural design and EPCM - 1er Price of the Engineering Grand Prix 2016
- Jacques Chaban-Delmas lift bridge - Bordeaux: Design and EPCM. Engineering Grand Prix 2013 (Development & Construction) - FIDIC Awards 2014 (Outstanding project)
- Industrial Ring Road - Bangkok Thailand): Monitoring of design and works supervision

EGIS TUNNELS

Tunnels and underground structures engineering

- Lyon-Turin High-Speed Rail link: Preliminary design, operating safety, design and site supervision of St-Martin la Porte exploratory tunnel.
- Grand Paris: Full engineering consultancy for infrastructures of future Grand Paris Metro Line 16 and for systems and services for all RER Lines 15, 16 and 17.
- EOLE Project: Full EPCM for underground infrastructures in EOLE's St-Lazare - Nanterre section.
- Brussels tunnels: Assistance to owner. Diagnosis, consultancy and strategic planning assignment for safety upgrade and structural repair work of 25 road tunnels.
- A89 motorway: Full EPCM for 3 new tunnels.

EGIS GÉOTECHNIQUE

Soil and materials engineering

- Bretagne-Pays de Loire high-speed train line: Construction drawings
- Weda Bay mines (Indonesia): Carriers studies.
- Livet-Gavet dam and Water intake: modelling and instrumentation.
- LGV Kenitra-Tanger (Morocco): Geotechnical EPCM.
- Nice Tramway: Seismic Modelling.



EGIS ENVIRONNEMENT

Environmental engineering

Territories and infrastructures

- RATP-Metro: Environmental and sustainable PMC for underground metro facilities (line, building, system...).
- Bouygues Madagascar: Environmental and social studies for the concession of 2 airports.

Industry

- Petrocuador (Equator): Risk studies of a 300 km pipeline.
- SIAAP: Environmental monitoring of the installations and odours measures.
- SMTD 65: Organisational review of the treatment, sorting and transfer of waste.
- SYCTOM Ile-de-France: Assistance to owner for the creation of a multi-process waste management centre.
- Grand Paris : EPCM for remediation and debris management along the work site of line 16

Cities and planning

- Angers-Cœur de Maine: Urban requalification (environmental studies of Quartier Saint-Serge)
- National parks in Gabon: Full environmental and social impact assessments for two hotel complexes.



Our skills combined on big projects

New coast road Viaduct – La Reunion island

Civil engineering: Design and monitoring of works of the viaduct.

Geotechnics: Foundations studies of the viaduct and of the retaining structures associated to the dike.

Environment: Eco-design, regulatory files, environmental coordination of the work site.

And also Grand Paris – LGV Kenitra Tanger ...

www.egis.fr

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