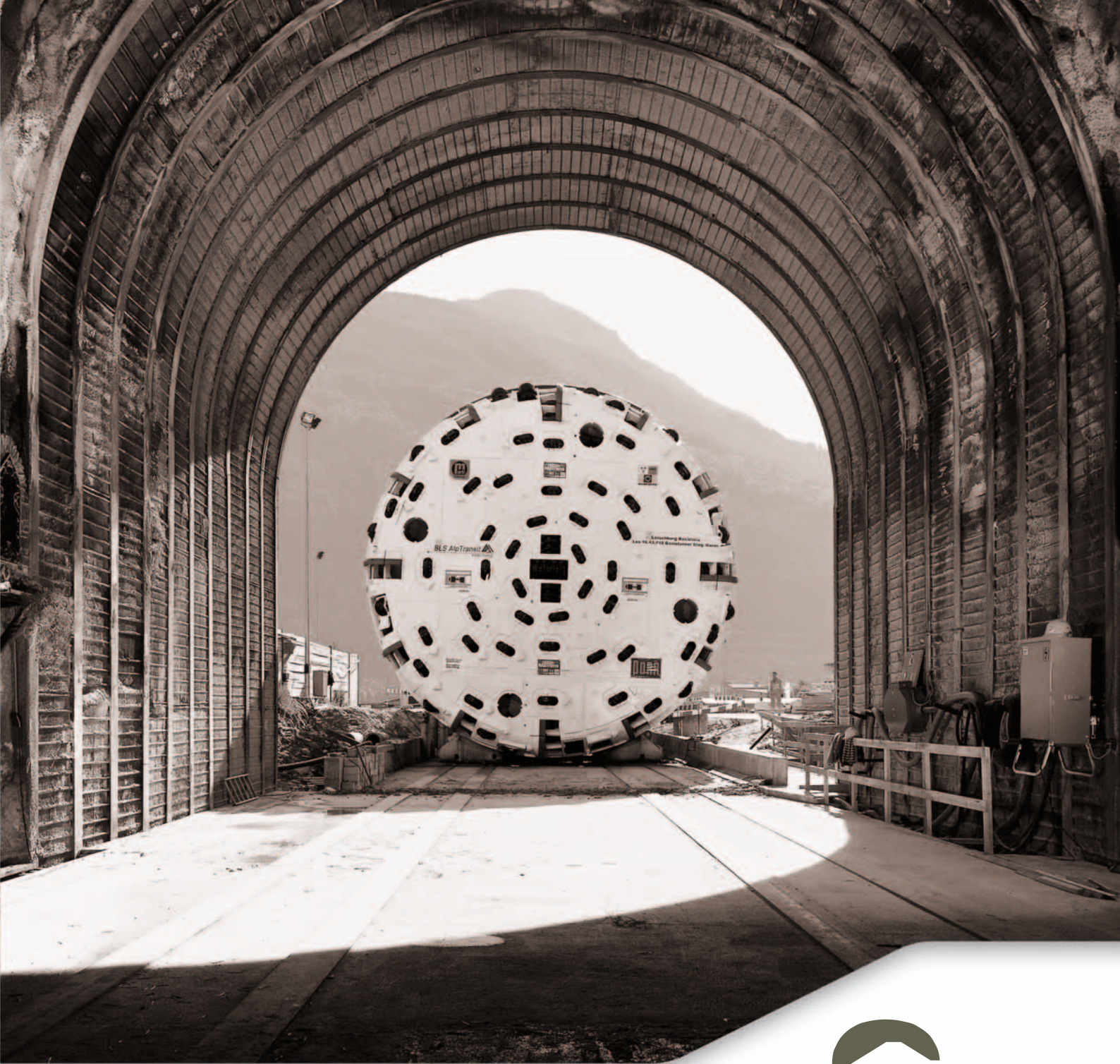




GEOS CONSULTING ENGINEERS

A subsidiary of



CIVIL ENGINEERING AND STRUCTURES

- Tunnels and Galleries
- Cut-and-cover Tunnels and Underground Works
- Buildings and Complex Structures
- Public Utilities Infrastructures
- Earthquake Engineering
- Bridges and Transportation Structures



■ Lötschberg railway tunnel
Ferden access tunnel (Switzerland)
Design and project management

■ Usse Viaduct on
A41N highway (France)
Advisory services
to client



■ Choully sewage
transfer tunnel,
St Genis-Pouilly (France)
Design and project
management

■ Mont Sion tunnel on
A41N highway (France)
Advisory services
to client



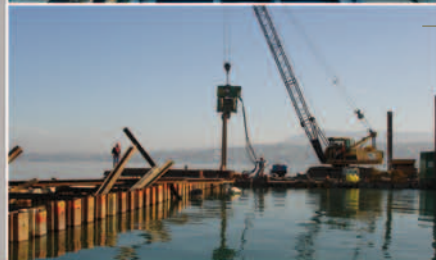
■ MAGESI
Malley Renens
(Switzerland)
Design and project
management

■ Allondon bridge
rehabilitation
(Switzerland)
Design and project
management



■ CFF railway carriage
washing center
(Switzerland)
Design and project
management

■ TEMTRADE
Chambésy
(Switzerland)
Design and project
management



■ Works for an offshore
pipeline landing
(Switzerland)
Design and project
management



■ Lötschberg railway tunnel (Switzerland)
Design and project management

■ Transjurane highway
(Switzerland)
Geotechnical studies

■ Anchored walls
at Troinex on the
A41N highway (France)
Advisory services
to client



■ Noiret cut-and-cover
tunnel on A41N
highway (France)
Advisory services
to client

■ «Pont de l'Eglise»
Tunnel in Reyvroz (France)
Detailed design and
construction drawings



■ Tuileries water
treatment facility
(Switzerland)
Geotechnical studies
Design and project
management

■ Great Man Made River
Project (Libya)
Geotechnical studies



■ Bored piles with
a hollow auger

■ GEOSTAB
Software developed
by GEOS for analysis
and design of slopes



■ Coynelle section of the A51
highway, Col du Fau (France)
Detailed design and construction drawings

■ Montessuit under-
ground parking
Annemasse (France)
Preliminary design



GEOTECHNICAL ENGINEERING

- Geotechnics for Transportation Infrastructures
- Foundations and Retaining Structures
- Underground Structures
- Natural Hazards
- Geoenvironmental Engineering
- Software Development

HYDRAULIC ENGINEERING

- River Engineering
- Hydropower Schemes
- Urban Water Systems
- River Renaturation
- Dams and River Dikes
- Hydraulic Expertise



GEOS CONSULTING ENGINEERS

Fish ladder on the Allondon River (Switzerland)
Design and project management



Intermunicipal wastewater and stormwater master plan Lancy (Switzerland)



Fish ladder at Verbois dam (Switzerland)
Design and project management



Offshore water intake in lake Geneva (Switzerland)
Design and project management



Vessy dam on the Arve River (Switzerland)
Design and project management



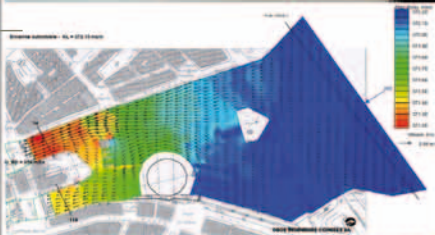
Dam on the Sure River (Luxembourg)
Diagnostic and safety study



Vessy hydropower plant (Switzerland)
Design and project management



Flow field modeling of Rhone River



Grevenmacher navigation lock on the Moselle River (Luxembourg)
Safety studies



Turbo-generator set of Vessy hydropower plant (Switzerland)
Design and project management



Arc River bank protection works in Montricher (France)
Expert advice and project management



Offshore pipeline in lake Geneva (Switzerland)
Design and project management



ENVIRONMENTAL ENGINEERING

- Environmental Audits
- Assessment and Remediation of Contaminated Sites
- Environmental Waste Management
- Environment Impact Studies
- Geological and Hydrogeological Studies
- Environmental and Health Hazard Studies

GEOS, a company founded in 1976, is a member of the INGÉROP Group, a well established private and independent French consulting engineering firm.

GEOS is a consulting engineering firm specialised in Civil Engineering Services, Underground Works, Structures, Geotechnics, Hydraulics and Environmental Engineering.

Human resources

GEOS brings together about forty professionals in four offices.

GEOS has the professional capacity to study and design structures whose behaviour depends on both soil and water.

Services

- Diagnostics
- Audits, Expert Advice
- Feasibility Studies
- Advisory Services to Client

Technical resources

GEOS has the necessary technical capabilities to provide quality engineering services.

GEOS has developed its activities by combining the specific professional capacities of the various offices with a fully integrated and networked ability to share them within the firm.

GEOS develops and commercializes its own geotechnical engineering software.

- Project Management
- Design
- Detailed Design & Construction Drawings
- Construction Supervision



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