



environmental  
sanitation



**ENGE**CORPS



ENGEORPS is a consulting engineering company ready to respond to all the challenges of the country's growth and the globalization of the economy. Interested in maintaining itself well placed in a globalized scenario, ENGEORPS joins operational and technical excellences, world class and competitive costs.

Founded in March 1990, its multidisciplinary staff, with over 200 professionals, have been working together for over four decades, both in the domestic and in the international markets. Over this period, knowledge and experience have been gathered in projects of different complexities, in the various sectors of consulting engineering in which it operates, always standing out for quality and innovative solutions, which confirms its position as one of the leaders in quality and excellence within the Brazilian market. Similar policy is practiced by the TYPASA Group and that justifies its inclusion in that group in August 2009.

ENGEORPS holds back five offices in Brazil: Central Office: Alphaville/ Barueri - SP; Belo Horizonte (MG), Brasilia (DF), Rio de Janeiro (RJ) and Sao Paulo (SP) and two overseas offices: the Dominican Republic and Peru.

main  
activities

- Water Resources & Environment
- Water Infrastructure
- Energy
- Environmental Sanitation: Urban Master Plans for the management of Water, Sewage, Solid Wastes and Urban Drainage, Basic and Final Projects for treatment of effluents, water supply and treatment, macro and micro drainage and solid waste projects.
- Transportation
- Mining
- Management & Supervision

environmental  
sanitation

The Environmental Sanitation is a set of structural and non-structural actions related to water supply, sewage and industrial disposal and proper handling of solid wastes and urban drainage (micro and macro). It aims to control the sanitary conditions in order to improve the quality of life, avoiding, basically, the disordered use and occupation of the soil, environmental degradation and disease transmission.

With 20 years experience in working in the field of environmental sanitation, ENGEORPS conducted more than 80 studies related to the subject, being the MAJOR PROJECTS listed ahead.

# environmental sanitation | main PROJECTS

- Consultancy for elaborating the semi-arid region priority works atlas.  
ANA – 2004/05
- Consultancy for the Northeast atlas update and enhancement – Urban water supply – and for elaborating the metropolitan regions atlas – Urban water supply.  
ANA – 2007/09
- Elaboration of the water supply atlas – Complementation for Brazil.  
ANA – 2009/in progress
- Supervision of Uberaba river watershed environmental recovery project and revitalization of the water supply system – Água Viva (Living Waters) project.  
Uberaba City Hall – 2010/in progress
  
- Elaboration of the Basic Sanitation, Water and Sewer Municipal plan.  
City Hall Joinville – 2009/in progress
- Basic project/final project/System commissioning/Technical assistance for the municipality of Itu Sewers Treatment and Final Disposal system.  
Itu City Hall – SAAE – 1995/98
- Basic and final project for the Araçariçuama effluents segregation and treatment system.  
SABESP – 2001/03
- Projects for sanitary sewer system and support to implementation of the Água Limpa (Clean Water) program, at the Paraíba do Sul river basin.  
DAEE-SP – 2006/07
- Elaboration of final projects for sewers segregation and treatment – Água Limpa program.  
DAEE-SP – 2009/in progress

water  
sewage





# urban drainage

# solid wastes

- Studies on slurry treatability and basic project for the slurry treatment station of the Lara sanitary landfill. *Lara Comércio e Prestação de Serviços (Lara Trading and Services Provisioning) – 1997/98*
- Final project/Follow-up of the sanitary landfill in the city of Nova Iguaçu/RJ. *S.A. Paulista (presently Haztec) – 2002/in progress*
- Final project/Follow-up/Operation of the sanitary and Industrial landfills in Muribeca, municipality of Jaboaão dos Guararapes. *S.A. Paulista (presently Haztec) – 2006/07*
- Elaboration of engineering project for implementing a sanitary landfill, in the municipality of Resende. *Environment State Secretariat/RJ – 2009/in progress*
- Elaboration of the macro draining master plan of the Quilombo brook watershed. *SRH -2001/02*
- Urban draining master plan for Vitória municipality. *Vitória City Hall – 2007/09*
- Elaboration of the urban draining master plan for the Cachoeira river basin. *Joinville City Hall – 2008/09*
- Technical and economic feasibility studies and final project for the flood peak damping containment reservoir on Olaria brook. *DAEE-SP – 2008/09*



# a Global consulting group



## transportation

industrial parks  
shopping centres  
office buildings & business parks  
land development  
residential complex & sports complex  
universities & educational centres  
hospitals & health care centres

## environment & water quality

river basin management  
inventory & analysis of irrigated land  
irrigation networks  
water supply & sewage networks  
water treatment & purification  
desalination plants  
dams & reservoirs | hydroelectric power plants

## renewable energy

TYPSA Engineers, Consultants and Architects is a consulting engineering firm based in Spain with more than 40 years of experience successfully executing major infrastructure projects in Europe, the Americas, Africa and the Middle East to improve and sustain enhanced living conditions around the world.

Founded in 1966, TYPSA is now one of the largest Spanish consultancy companies in its field, and a national leader in the exporting of consultancy services in civil engineering, according to the *Engineering News Record* (ENR).

transport planning  
infrastructure management  
roads & motorways  
railways & tramays | metro systems  
airports & ports

## architecture, building engineering & urban planning

environmental engineering  
forestry engineering  
solid & industrial waste treatment  
water quality monitoring (labs)

## water management & hydraulic engineering

wind farms | thermo-solar & photovoltaic |  
farms hydroelectricity | biomass



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