



management
and supervision



ENGE CORPS 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, ENGE CORPS 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 TYP SA Group and that justifies its inclusion in that group in August 2009.

ENGE CORPS 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
- Environmental Sanitation
- Energy
- Transportation
- Mining

management & supervision

The Management and Supervision sector offers the Global Engineering for enterprises, optimizing the investment required (cost / time / quality) to deploy engineering projects. Thus, monitors the implementation of undertakings, taking into account the goals outlined, with a strict control of the stages of the execution of the works. ENGE CORPS acts as Owner's Engineer, in an integrated and synchronized manner, gathering the efforts of those involved in the project, making use of current methods of work. and is able to develop the following activities:

- Supervision and certification of projects;
- Preparation of the bidding process and support the hiring of contractors / installers;
- Oversight and supervision of civil works and electromechanical installations;
- Expediting the fabrication of the main electromechanical equipment;
- Management and supervision of operational tests;
- Managing and supervising the preparation of drawings and other documents as built;
- Advocacy to the credit and funding agencies.

ENGE CORPS is in this business for 20 years, listing the following MAJOR WORKS:

management and supervision | main PROJECTS

- Management, review and update of engineering studies and projects as well as the works supervision of the Las Placetas hydroelectric project, Dominican Republic. *CDEEE*
 - Works Supervision of the Tramandaí (RS) Wind Farm. Elebrás – *EDP Renováveis Brasil (EDP Renewable Brazil)*
 - Construction supervision and electromechanical equipment expediting and mounting in the Cana Brava (GO) HPP, as a Local Engineering Firm. *Companhia Energética Meridional (Meridional Energetic Company) and BID*
 - Follow-up of the Campos Novos (SC) hydroelectric power plant construction. *RW BECK*
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- Technical Assistance for the Implementation of the Integration Project of the São Francisco River with other river basins located at northeastern North of Brazil - Lot A, State of Pernambuco. *Ministry of Social Integration*
 - Technical assistance and consultancy services for the north axis works (approximation channel and Tucutu dam) of the Integration Project of the São Francisco River, BA. *Ministry of Defense*
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- Technical follow-up of DIFS works – Itabiruçu dam, Itabira Complex, MG. *Vale*
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- Elaboration of final project, works technical follow-up and "As Built" design for the Mogi-Guaçu (SP) multiple use reservoir, as well as energetic studies and floods control. *CESP*



energy

water
infrastructure

mining

water
resources
and
environment



environmental sanitation transportation

- Environmental recovery of the Uberaba river basin and revitalization of the water supply system – "Água Viva" ("Living Waters") Project – Uberaba, MG. *Uberaba City Hall*
- Support to the General Management of the dredging, recovery, conservation and Maintenance of the Alto Tietê Watershed Rivers, including local drainage works. *DAEE-SP*
- Technical advice, management and technical follow-up of the works necessary to implementing the 1st to 5th stages of the sanitary landfill in the city of Nova Iguaçu, RJ. *Haztec-SP*
- Final project, follow-up and technical advice to the implementation and the operation of sanitary and industrial landfills in Muribeca, as well as the percolates treatment unit, in the municipality of Jaboatão dos Guararapes, PE. *Haztec-SP*
- Technical and environmental supervision of São Paulo state freeways recovery program – Stage III – Araçatuba Regional Division, SP – DR-11. *DER-SP*
- Management and inspection of civil works for expanding the quay, power network installation and construction of buildings at Santa Catarina S.A. terminal. TESC and WRC Operadores Portuários (Port Operators) S.A. REDEX, in São Francisco do Sul, SC. *TESC*
- Works Supervision for recovering the vicinal roads included in the São Paulo state "PRÓ VICINAIS" (PRO VICINAL) – 4th stage program financed by IBRD, Lot 4 – DR-4, Araraquara, SP. *DER-SP*
- Final project and technical follow-up of the works for building a bridge over the future navigation channel, located downstream from Promissão HPP – BR-153, Promissão, SP. *CESP*
- Technical advice for SP-55 and SP-99 road junction works at Bertioga, SP. *DER-SP*
- Final project and follow-up of the SP-123 embankments stabilization and platforms recovery works, Piracuama-Campos do Jordão (SP) stretch, at KM 33,5; 37; 41; 42,7; 43 and 43,3 as well as a diagnosis and basic project at some points identified between KM 31 and 46. *DER-SP*



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



Engecorps Engenharia S.A.

CENTRAL OFFICE: Alameda Tocantins 125, 4th floor - 06455-020 - Alphaville - Barueri - SP - Brazil

Tel: 55 11 2135 5252 - Fax: 55 11 2135 5244 - Email: comercial@engecorps.com.br

OFFICES: Sao Paulo Belo Horizonte Brasilia Rio de Janeiro Dominican Republic Peru

www.engecorps.com.br

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