



infrastructure



Leader in consultative engineering,
integrity and technical excellence

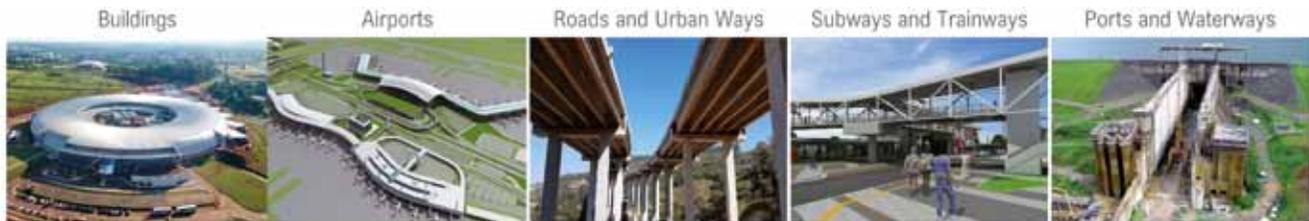
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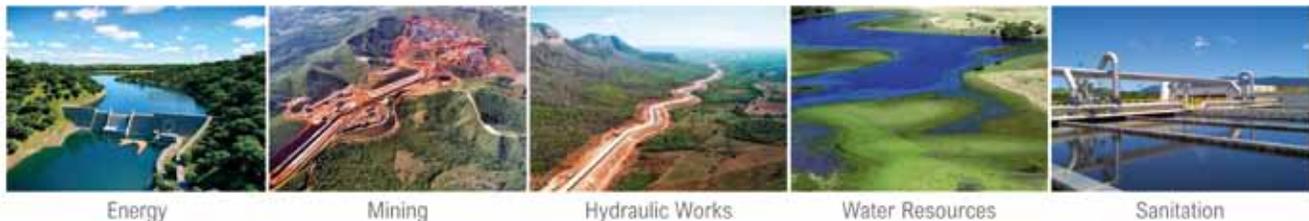
ENGE CORPS Engenharia S.A. is a consulting company whose mission is to develop projects in order to maximize the benefits generated by engineering works, mainly in the social and economic aspects. Founded in 1990, ENGE CORPS has accumulated knowledge and experience in projects of the most varied sizes, always standing out for its quality and for suggesting innovative solutions in the various segments in which it operates. This currently qualifies it as one of the leading companies in quality in the Brazilian market. In 2009 it was incorporated by the TYPESA Group, which is one of the most experienced European consultants in the development of infrastructure projects. Since its founding in 1966, the group has carried out an intense activity in planning, design, supervision and management of important works and investments in the areas of civil engineering, architecture, renewable energy and the environment, in Europe, America, Africa, the Middle East, Asia and Oceania. The ENGE CORPS Quality Management System is certified by the Carlos Alberto Vanzolini Foundation and adheres to the ABNT ISO 9001:2015 Standard. This system leads to excellence and competitiveness, bringing the concept of effectiveness and efficiency to all jobs, implementing planning, organization, monitoring and control actions in them. Also complying with the principles of Good Governance - transparency, equity, accountability and corporate responsibility - ENGE CORPS has a Compliance System, which is structured, applied and updated according to the characteristics and risks inherent to its activities.

In addition, ENGE CORPS is currently implementing the Environmental Management System in compliance with the ABNT ISO 14001:2015 Standard and Law 13.709/18 - General Law for the Protection of Personal Data (LGPD).

The TYPESA Group has AENOR certification, in accordance with the international standard UNE-EN ISO 9001; of Environmental Management according to the international standard UNE-EN-ISO 14001 and of "Occupational Health and Safety Management System" according to the ISO 45001:2018 standard and, more recently, ISO 37001 - Anti-Bribery Management System, ISO 19650 - Building Information Modeling, from ISO 27001 Information Security to UNE 166002 linked to the Innovation System.



Engineering and Consulting Services



ENGE CORPS has tools and software from the Autodesk AEC Collection, including AutoCAD, AutoCAD Plant 3D, Civil 3D, Revit, Navisworks, InfraWorks 360, Inventor, among others, in their most recent versions available, and it is worth mentioning that projects have been developed in BIM Platform in the company since 2014.

transport | main PROJECTS

- Final design for the duplication of the Tamoios Highway in the Mountain section. *Construtora Queiroz Galvão*
- Functional, Basic and Final Designs of the Campos do Goytacazes road contour.
Highway Fluminense - ARTERIS, RJ
- Functional and Final Designs of Tolls and handles on the Tamoios Highway. *Concessionária Rodovia dos Tamoios S.A., SP*
- Final Design and ATO of Subsections 14 and 15 of the North Section of the Mario Covas Ring Road.
Development Rodoviário S.A. - DERSA, SP
- Studies and Designs for the High Speed Train - TAV - Campinas, São Paulo, Rio de Janeiro.
Odebrecht, OAS and Queiroz Galvão Consortium
- Basic and Final Designs of the Jardim Belval and Jardim Silveira Train Stations. *São Paulo Metropolitan Train Company - CPTM, SP*
- Final Reconstruction Design of the Pinheiros Station of Line 4 - Yellow of the São Paulo Metro. *Via Amarela Consortium*
- Final Design of the Permanent Track of Lot 3 of Line 5 - Lilac of the São Paulo Metro.
Construtora Andrade Gutierrez / Camargo Corrêa Consortium
- Final design for the revitalization of Porto Maravilha, in Rio de Janeiro. *Porto Rio Consortium*
- Basic and Final Design of the On-Shore Infrastructure Works in the Astialba Shipyard, in Venezuela.
Construtora Andrade Gutierrez S.A.
- Basic and Final Designs of the Tucuruí Locks.
Construction and Commerce Camargo Corrêa, PA
- Final Design of the Penha Lock, in the Metropolitan Region of São Paulo. *Waterway Department of the Secretariat of State for Logistics and Transportation of the State of São Paulo*
- Conceptual and Final Design of Geometry and Permanent Track of Line 6 - Orange of the São Paulo Metro.
Express Line 6 Consortium.

highways, railways, ports and waterways



energy | main PROJECTS

energy

- Owner's Engineering of the Ilha Solteira and Jupuí Hydroelectric Power Plants. *China Three Gorges Corporation – CTG Brasil, SP*
- Feasibility Study of the Apertados, Comissário, Ercilândia and Foz do Piquiri Hydroelectric Power Plants. *COPEL - Paranaense Energy Company, PR*
- Local Engineering Firm for Cana Brava Hydroelectric Plant. *Inter-American Development Bank, GO*
- Basic and Final Designs of Multiple Uses Jequitá I and II. *São Francisco and Parnaíba River Valley Development Company - CODEVASF, MG*
- Analysis and Audit Services for the Implementation of AHE Barra Grande. *Energética Barra Grande S.A. - BAESA, SC*
- Final Design of PCH São Jerônimo. *BRASCAN Energy, PR*
- Basic and Final Designs of the Carrizal Hydroelectric Power Plant (Bolívia). *National Electricity Company - ENDE Corporation*
- Review of the Studies and Final Design of the Hatillo Hydroelectric Power Plant (Dominican Republic). *Dominican Hydroelectric Generation Company - EGEHID*
- Final Design of the Tramandaí Wind Farms. *EDP Renováveis Brasil S.A., RS*
- Final Design of the Cumarú and Lagoinha Wind Farms. *Enel Green Power, RN*
- Basic and Final Designs of the Delfina Wind Farm. *Enel Green Power, BA*
- Basic Design and Technical Assistance of the Serra das Almas/Babilônia Wind Farm. *AES Brazil, BA*
- Final Design of the Coremas Photovoltaic Park. *WEG Electrical Equipment S.A., PB*
- Supervision and Technical Assistance to the Wind Farms of the Central Babilônia Eólica Babilônia S.A. Complex.
- Development of the Fonte dos Ventos II Civil Wind Power Final Design. *Enel Green Power*
- Development of the Morro do Chapéu Sul III Wind Farm Basic Civil Design. *Enel Green Power.*

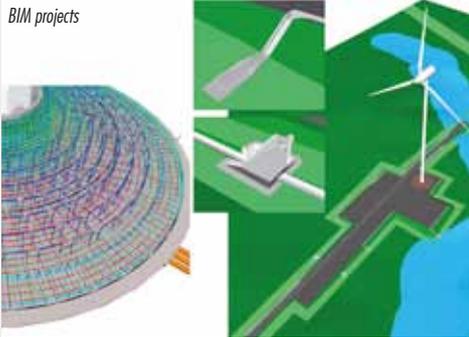


Jupuí Hydroelectric Plant



Tramandaí Wind Farm

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BIM projects



COREMAS (Illustrative Image)



mining | main and airports PROJECTS

mining
airports

- Studies for the expansion of the Cerrejón Mining Complex.
CNO Colombia
- Conceptual, Basic, Final and ATO Design of the Brucutu North Mine.
VALE S.A., MG
- Basic and Final Designs of the Forquilha IV and V Mining Dams.
VALE S.A., MG
- Final Design for the Adaptation and Recovery of the Timbopeba Dam Spillway.
VALE S.A., MG
- Conceptual and Final Designs of the Potreiro Dam, at the Factory Mine in Ouro Preto.
VALE S.A., MG
- Final Design of Terminal 3 of Guarulhos Airport. Guarulhos S.A. International Airport Concessionaire - GRU Airport, SP
- Draft and Basic Design of Salvador Airport.
Salvador Airport Concessionaire S.A., BA
- Support to the Confins Airport Masterplan.
CCR Group, MG
- Basic and Final Infrastructure Design of the Florianópolis Hercílio Luz Airport.
Rational Engenharia Ltda, SC
- Final Design of the LATAM Maintenance Center, at the Guarulhos Airport.
TAM Linhas Aéreas S.A., SP
- Basic and Final Design of the Helicopter Passenger Terminal at Cabo Frio Airport.
COSTA DO SOL Operadora Aeroportuária S.A., RJ



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