



HEADQUARTERS

CESEL INGENIEROS

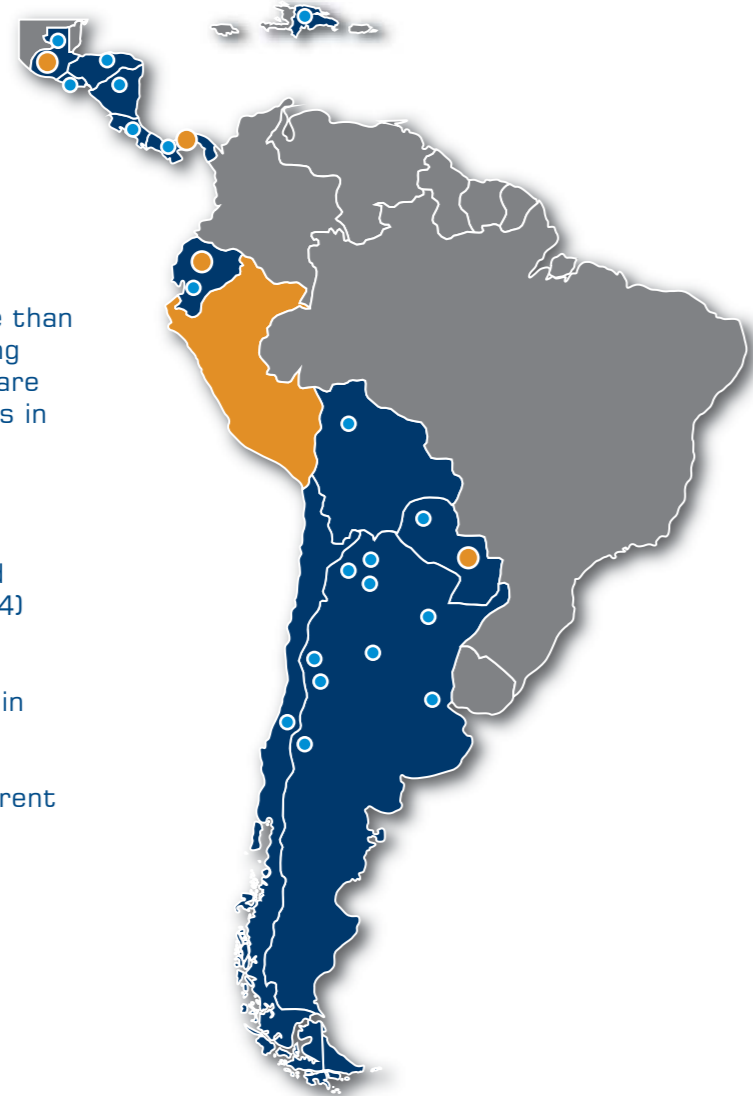
CESEL S.A. is a consulting company with more than 40 years of experience in engineering consulting with integrated disciplines. Our headquarters are located in Lima – Peru, with additional branches in several Latin American countries.

We develop studies, designs and engineering development, studies and works supervision, comprehensive management of engineering and construction projects through our fourteen (14) specialties.

CESEL has top-level professionals, specialized in every area of engineering, willing to overcome challenges, comply with the requirements and surpass their clients' expectations in the different services offered.

BRANCHES ●

PROJECTS ●



CESEL INGENIEROS

Av. José Gálvez Barrrechea 646
San Isidro • Lima 27 • PERU
T. (51-1) 705-5000
F. (51-1) 705-5050
cesel@cesel.com.pe
www.cesel.com.pe



CESEL INGENIEROS

- HIGHWAYS
- ELECTRICAL ENERGY
- HYDRAULICS AND IRRIGATIONS
- ENVIRONMENTAL
- METROS AND RAILWAYS
- MINING AND INDUSTRY
- WATER AND SEWERAGE
- PORTS
- HYDROCARBONS AND PETROCHEMICAL
- BUILDINGS AND URBAN DEVELOPMENT
- HEALTH
- AIRPORTS
- GEOLOGY, GEOTECHNICAL AND SEISMIC RISK
- SURVEYING AND GEOMATIC

Divisions

Highways

- Highways and roads.
- Road concessions.
- Bridges and tunnels.
- Urban roads.

Electrical Energy

- Hydrogeneration.
- Simple and combined cycle thermal power plants, steam and diesel power plants.
- Overhead transmission lines.
- High and medium voltage insulated cables transmission lines.
- Transformation substations.
- Electric power distribution systems.
- Industrial electricity.
- Electrical system studies.
- Wind power plants.

Hydraulics & Irrigation

- Hydroelectric power plants.
- Dams and reservoirs.
- Hydraulic development.
- Hydraulic control works.
- Water resources management.
- Hydrology.

Environmental

- Environmental impact assessment and environmental project management.
- Land-use planning and sustainable plans.
- Solid waste management studies.
- Environmental liability remediation & closure plans.

Metros & Railways

- Transport demand study.
- Alternatives, route plan and modal interchange multi-criteria evaluation.
- Viaducts, cut-and-cover trench and tunnels analysis and design.
- Electromechanical equipment and rolling stock technical characteristics.
- Institutional framework for the metro network management and operation.
- Civil works and electromechanical systems assembly supervision.
- Inspections and factory tests.
- Equipment verification on port arrival.

Ports

- Inland waterways and ports
- Ports and facilities
- Dredging.
- Works protection.
- Works retention – Docks.
- Container yard – Facilities.

Mining & Industry

- Mineral processing.
- Mineral concentration (copper, gold, iron and polymetals).
- Leaching (copper, gold, silver).
- Pyrometallurgy.
- Mining and metallurgic solid waste management.
- Minig-metallurgic effluent treatment.
- Mine closure plans.
- Mining infrastructure.
- Basic processing industries.
- Manufacturing industry.
- Food industries.
- Thermoelectric power stations.
- Hydromechanical equipment.

Water and Sewerage

- Drinking water.
- Sewerage.
- Storm drainage.
- Sanitary facilities and fire prevention system.

Hydrocarbons & Petrochemical

- Storage plants.
- Submarine lines.
- Process piping.
- Oil and gas pipelines.
- Pumping and compression stations.
- Production battery and processing plants.

Buildings and Urban Development

- Industries.
- Warehouses.
- Housing and offices.
- Shopping centers and retail stores.
- Hotels.
- Corporate headquarters.
- Educational centers.
- Sports centers.
- Urban habilitation.
- Development and construction of population centers.

Health

- Medical / Hospital Complexes.
- Health facilities with different resolving capacity levels.

Airports

- Aeronautics: Air and land zones.
- Airport concessions

Topography and Geomatics

- Topography and geodesy.
- Hydrography and oceanography.
- GIS and spatial analysis.
- Cartography, remote sensing and cadastre.

Geology, Geotechnical and Seismic Risk

- Geology.
- Geotechnics.
- Seismic risk.
- Hydrogeology.



Obtained Results

- 8182 km of designed/supervised highways in different territories.
- Design and supervision of 7358 km of drinking water and sewerage networks, more than 62 water treatment, drainage and desalination plants.
- 5366 beds and 616,335 m² of hospital and medical complex construction.
- Study and supervision of 10,774 km of transmission lines (280 projects) and a transport capacity of 6675 MW.
- 91 hydroelectric power plants. 62 dams and irrigation projects.
- 120 designed and/or supervised building projects during the last 10 years, accumulating more than 843,815 m² of roofed areas.
- Design and work supervision of 42 ports.
- Geotechnical and concrete laboratory, with more than 35,100 tests in 2014.
- 237 projects executed by the Environmental Department.

Competitive Advantages

- 14 specialties and multidisciplinary teams.
- Professional capacity and certified experience.
- Experience obtained through the development of more than 1070 projects since 1972.
- ISO 9001, ISO 14001 and ISO 45001 certifications in all processes and services provided.
- Geotechnical and concrete laboratory certified by ISO 9001, 14001, ISO 45001, and ISO 17025 accreditation.

Services

- Preliminary studies and drafts.
- Planning, technical and economic pre-feasibility and feasibility studies.
- Basic and detail engineering.
- Works supervision and equipment and facilities assembly.
- Project Management (EPCM).
- Environmental impact assessment and environmental remediation studies.
- Geotechnics, topography and seismic risk studies.
- Rate studies, easement management, specialized consulting for privatization processes, company evaluations and development plans.

Signature Projects

- Transmission system extension plan in Guatemala.
- Chinchaycocha Lake. Environmental management plan. Junín, Peru.
- Metro of Lima and Callao. Line 1: Villa El Salvador – San Juan de Lurigancho. Peru.
- Huachipa water treatment plant. Lima, Peru.
- Inter-Ocean South Corridor, Peru - Brasil.
- Callao Port. New container yard. Callao, Peru.
- Cementos Piura New Plant. Piura, Peru.
- San Gabán II Hydroelectric Power Plant. Puno, Peru.
- Convention Center of Lima and New Banco de la Nación Headquarters. Lima, Peru.
- Billinghursts Bridge. Madre de Dios, Peru.
- New City of Morococha. Junín, Peru.
- Grand National Theatre. Lima, Perú.

