



5 CINCO D
ENGINEERING



Mission

Our mission is to **deliver high quality and cost-effective construction projects for our clients**, while providing technological innovation and protecting the environment.

Vision

Our vision is to become the leading construction firm, while **delivering projects that consistently exceed international standards and provide exceptional customer satisfaction**. To continually deliver excellent value and innovative construction solution to meet our client's requirements through the knowledge and experience of our multidisciplinary team.



Who We Are

We are a multidisciplinary team who incorporate new methodologies and technologies to provide excellence to our clients. Our main goal is to offer a personalized and high-quality service, regardless the size of the company.

5

Working Areas

Structures

Economic Feasibility

Hydraulic and Sanitation

Architecture and Urban Works

Environmental, Road, Rail
and Airport Works

We work with

BIM

building
information
modeling

Working Areas



Studies and Projects

- > Technical Advice
- > Executive Projects
- > Cost Studies and Budgets
 - > Project Review
- > Preparation of Technical Specifications
 - > Economic Feasibility Studies
 - > Environmental Impact Studies
- > Construction site Inspection Services
 - > Construction Management
 - > BIM Implementation



Laboratory

- > Concrete Technology
Formula design, specimens tests, statistical resistors control, removal of samples on site and granulometries control.
- > Soil Mechanics
Geotechnical studies for civil and road works, SPT tests, on-site sampling, soil classification, foundations studies, water table.
- > Asphalt Laboratory
Mix design, aggregate and mixture control, extraction samples and tests.



Topography

- > Site Topography
- > Surveys and leveling
 - > Plans
- > Orth mosaics Makers
- > Elevation Digital Models
- > Photogrammetric surveys
- > Construction site Progress Measurements
 - > Volume calculations



Modeling

- > BIM Modeling
- > Quantity Take-off
- > Cost Estimation
- > Systems Design
- > Clash detection
- > BIM Plan Drafting
- > Infrastructure Projects

Working Areas



Socioeconomic Studies

- > Social participation processes
- > Participatory workshops and focus groups
- > Mainstreaming the gender and diversity perspective
 - > Socio-cultural analysis
 - > Ex-post project monitoring and evaluations
- > Formulation of impact and results indicators
 - > Institutional strengthening



Geology

- > Geomorphological and geological mapping
 - > Land use mapping
- > Studies of fluvial evolution and dynamics of watercourses
- > Interpretation and analysis of technical reports in geology, mining and petroleum
 - > Hydrogeological studies



Structural

- > Structural Design
 - > Section Design
 - > Rebar Design
 - > Rebar Plans
- > Foundation Design
- > Virtual Visualization



Environment

- > Environment Impact Studies
- > Environmental and Social Management Plans
 - > Carbon footprint calculator
 - > Environmental monitoring
- > Environmental training programs
 - > Mapping, photointerpretation and application of geographic information systems (GIS)
 - > Fire severity occurrence analysis
- > Planning of measures for energy efficiency
 - > Differentiated waste management with social inclusion
 - > Multi-criteria analysis

Contact us



www.5dingeneria.com.ar



info@5dingeneria.com.ar



+54 9 11 7366 3046



[5d.ingenieria](https://www.instagram.com/5d.ingenieria)



[5d Ingeniería](https://www.linkedin.com/company/5d-ingenieria)