SPN
INGENIERÍA Y PROYECTOS SL

LAND SURVEYING

We provide accurate terrain information to support the design, planning and successful delivery of your project.



Scope of our services

Topographic surveys
Planimetric and elevation surveys of land for engineering, architecture and urban planning projects.

Contour lines
Generation of contour lines and digital terrain models for analysis and design.

3D models and volumes
Calculation of earthwork volumes and generation of 3D terrain models.

Control networks
Establishment of geodetic networks and control traverses for high-precision projects.

Drone surveying
Aerial data capture using drones and photogrammetric processing for 2D and 3D models and orthomosaics.

Setting out
Setting out axes, alignments, levels and control points for accurate construction.

Georeferencing
Georeferencing of projects and structures using high-precision GNSS systems.

Reports and drawings
We deliver drawings, reports and digital files ready for use in CAD, BIM and GIS.

Our approach

- **Precision**
- **Geometric control**
- **Data reliability**

How we develop the project

1. **Information receipt**
2. **Topographic survey**
3. **Data processing**
4. **Drawings and model preparation**
5. **Results delivery**
6. **Technical support and assistance**

Accurate surveys, sound decisions and projects delivered with confidence.

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