

Topographic Surveying

Mapping Elevation and Contour Data

Topographic surveying is essential for providing accurate information about slope, elevations, and physical features of land, helping key construction stakeholders make informed decisions. Accurate information before breaking ground leads to better outcomes through a reduction in design errors and correct planning. It ensures development begins with knowing infrastructure is suited to the existing landscape.

Digital reality solutions capture the real-world environment and offer clear insights into what currently exists, supporting better visualization, planning, design, analysis, and long-term project management.



ASSET MANAGEMENT

It forms a digital blueprint of the site for better coordination during planning and for future renovation projects or concerns.



SITE PREPARATION

It helps contractors understand the terrain better, through slopes and elevations, so that ground preparation and construction can be carried out accurately.



PLANNING AND DESIGN

Topographic surveying provides the detailed land information needed to position buildings, roads, and utilities in line with existing ground conditions.



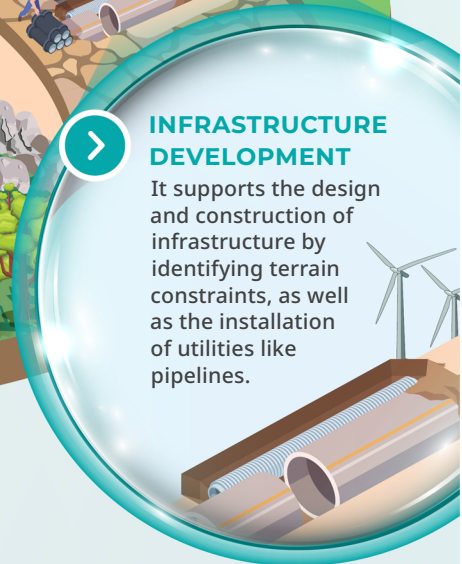
RISK MANAGEMENT

Accurate survey data highlights potential site constraints such as uneven ground, access issues, or drainage concerns, for earlier risk management.



INFRASTRUCTURE DEVELOPMENT

It supports the design and construction of infrastructure by identifying terrain constraints, as well as the installation of utilities like pipelines.



FARO INSIGHT solutions assist surveyors in capturing, processing, and gaining clear insights of the terrain, aiding stronger planning and coordination, for better outcomes.



Scan the QR code and contact us today to optimize your topographic surveying workflows.

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