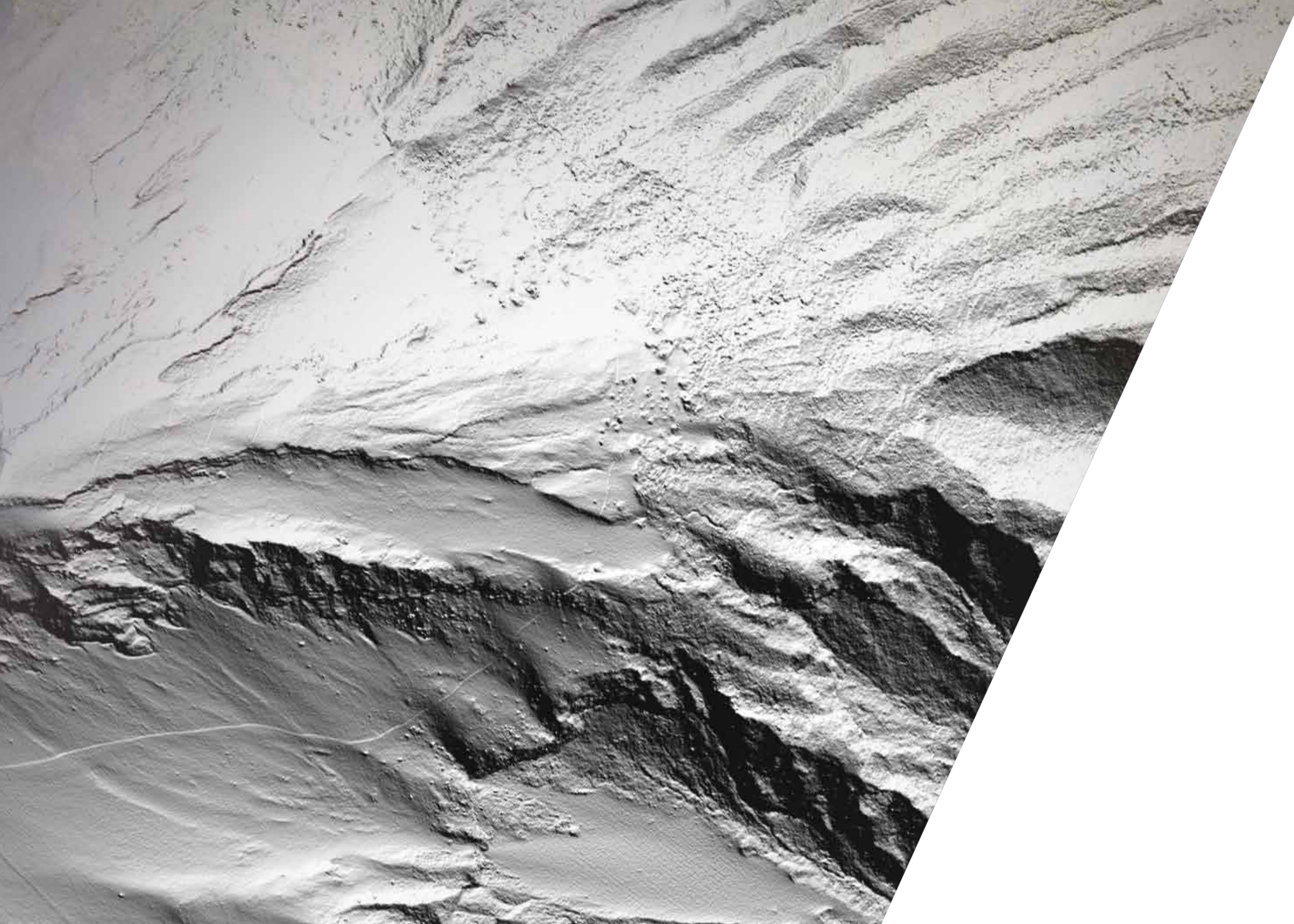


 GEOCART



SENSING

INNOVATION

Da sempre l'uomo è alla ricerca di soluzioni che migliorino la qualità della vita.

Geocart percepisce il futuro e lo trasforma in innovazione contemporanea, progettando prodotti e servizi all'avanguardia con slancio creativo ed estrema flessibilità.

L'innovazione è in primo piano.

Men have always been looking for solutions that could improve their quality of life.

Geocart senses the future and turns it into contemporary innovation, designing cutting-edge products and services with creativity and extreme flexibility.

Innovation above all.

A GROUNDBREAKING HISTORY

Dai primi anni '90 trasformiamo idee in progetti di ingegno.

Non a caso, un vecchio mulino riconvertito è oggi la sede principale dell'azienda.

L'obiettivo di Geocart è affermare e consolidare la propria leadership nei settori Osservazione della Terra, Energia, Ingegneria e ICT, offrendo al cliente servizi altamente innovativi adatti a rispondere ad ogni esigenza di mercato con applicazioni personalizzate.

Professionalità, creatività e innovazione.

Since early 90s we have turned ideas into projects of ingenuity.

No wonder, an old reconverted mill is today the main seat of the company.

The objective of Geocart is to support and strengthen its leadership in the sectors of Earth Observation, Energy, Engineering and ICT, offering innovative services able to meet every market's needs with customised applications.

Professionalism, creativity and innovation.



United Nations CTBTO

Advanced airborne system for the detection of illegal nuclear sites

Enel Distribuzione

Aerial inspections of power lines

Terna Rete Italia

Aerial remote sensing of power lines with Lidar systems

Italferr

Corridor mapping of the Serbian Railway system

Autostrade per l'Italia

Inspection of the national highway network

Local authorities

Establishment of the road cadastre

Innovation has been driving our work for more than twenty years. Sensing and characterizing every single detail of roads, railways, oil pipelines, power lines and infrastructures is the inner core of our activity. The results of the observation activity can be customized and easily used.



EARTH OBSERVATION

OSSERVAZIONE DELLA TERRA

Aerial remote sensing
Satellite data
Mobile mapping
Topography
Geomatics
Cartography

*Telerilevamento aereo
Dati satellitari
Mobile mapping
Topografia
Geomatica
Cartografia*



INFRASTRUCTURES AND ENERGY

INFRASTRUTTURE ED ENERGIA

Corridor mapping
Inspection of infrastructures
Analysis of structures displacement
Renewable source systems
Solar cadastre
Energy efficiency

*Corridor mapping
Ispezione reti e infrastrutture
Analisi spostamenti strutture
Impianti da fonti rinnovabili
Catasto solare
Efficientamento energetico*



ENVIRONMENT AND TERRITORY

AMBIENTE E TERRITORIO

Natural risk management
Water bodies monitoring
Analysis of land deformation
Environmental impact studies
Environmental monitoring

*Gestione rischi naturali
Monitoraggio corpi idrici
Analisi deformazioni del terreno
Studi di impatto ambientale
Monitoraggio ambientale*



CIVIL ENGINEERING

INGEGNERIA CIVILE

Urban and territorial planning
Civil design
Project management
Technical assistance
City modeling

*Pianificazione urbanistico-territoriale
Progettazione civile
Project management
Assistenza tecnica
City modeling*



FARMING AND FORESTRY

AGRICOLTURA E FORESTE

Soil use classification
Analysis of vegetation
Characterization of forests
Precision farming

*Classificazione uso dei suoli
Analisi della vegetazione
Caratterizzazione delle foreste
Precision farming*



ICT SOLUTIONS

SOLUZIONI ICT

System integration
Web GIS
Software and App
Computer graphics

*System integration
Web GIS
Software e App
Computer grafica*

SERVICES

La capacità di fornire un prodotto personalizzato e disegnato sulle esigenze del cliente è garantita dalla possibilità di utilizzare ed integrare i servizi offerti, avvalendosi delle tecnologie più avanzate.

The ability to offer a customized product, designed to meet clients' needs, is guaranteed by the possibility of combining the offered services through the most advanced technologies.

Environment is the most precious resource we have. That is why it must be constantly monitored and safeguarded by the men's actions. Our services include a careful activity of monitoring and characterization of environmental components to support the risk management and to assess the environmental impact.

Sogin

Support to the natural risk management and soil use classification

Politecnico di Bari

Sensing and monitoring of the whole coastal zone of Puglia region

Autorità di Bacino della Basilicata

Aerial and terrestrial mapping of rivers and coasts

Total

Topographic mapping of oil pipelines for the implementation of oil wells

Ente Foreste della Sardegna

Lidar mapping for the characterization of forests

Istituto Nazionale di Oceanografia e Geofisica Sperimentale

Water bodies monitoring

A SENSATIONAL TEAM

Giovani professionisti sempre aperti all'innovazione e costantemente aggiornati.

Un gruppo integrato di specialisti impegnati a ricercare, progettare e realizzare prodotti e servizi rivolti a mercati in continua evoluzione.

Fisici, geologi, forestali, economisti, ingegneri per l'ambiente e il territorio, ingegneri civili, elettronici ed idraulici, informatici, cartografi, operatori CAD e GIS sviluppano soluzioni innovative studiate sui bisogni del cliente.

Young experts, always innovation-oriented and up to date.

An integrated team of specialists engaged in the research, design and implementation of projects and services addressed to ever-changing markets.

Physicists, geologists, foresters, economists, engineers for the environment and the territory, civil engineers, electronics and hydraulics specialists, IT technicians, mapmakers, CAD and GIS operators all together for the development of innovative solutions tailored to the customer's needs.



General Manager



Top Management



Administration



Technical Management



Remote Sensing



Data Processing



ICT Solutions



Business Development

Ideas need projects to be turned into reality. Planning means for us to use the best resources to conceive and implement infrastructures and works meeting the client's expectations. The management of multidisciplinary projects and the competence gained as general contractor make us an efficient partner in the complex sector of civil engineering.

Enel Distribuzione

Design of low and medium voltage power grids

Agenzia Spaziale Italiana

SAR data analysis software for the study of ground deformations

Lucart

Implementation as EPC Contractor of a 1 MW photovoltaic system

Comune di Roma

Study of structure movements through satellite data

Acquedotto Pugliese

Engineering services for the adjustment of depurative systems

WIDE-RANGING IDEAS

Sviluppo ed integrazione di differenti tecnologie osservative, dal suolo, da aereo e da satellite, con lo sguardo sempre orientato all'innovazione.
 Con l'utilizzo di sensori e strumenti di alta precisione, integrati in sistemi hardware e software da noi disegnati per l'acquisizione e l'elaborazione dei dati, possiamo garantire elevati standard qualitativi in svariati settori ed ambiti di applicazione.

Development and integration of different technologies of terrestrial, aerial and satellite observation, always innovation-oriented.
 With high-precision sensors and tools, integrated in hardware and software systems designed for data capture and processing, we can guarantee high-quality standards in several sectors and fields of application.

SENSORS AND INSTRUMENTS

- Laser scanners
- Hyperspectral sensors
- Digital cameras
- Thermal cameras
- GPS and topographic tools

PRODUCTS

- Orthophotos and Oblique photos
- Digital cartography
- Satellite data
- Thermal imaging
- Multi and Hyperspectral imaging
- Georeferenced videos
- Point clouds
- DTM | DSM
- Software and App
- Web GIS
- 3D Rendering and Animation
- 3D Environment and Cultural Heritage models
- Virtual tours
- Augmented reality

OUR AIRBORNE AND MOBILE PLATFORMS

- MAPPING
- CIRO
- UAVing

OUR SOFTWARE

- GEOanalyzer
- GEOviewer
- SLIDE





SENSING THE FUTURE

Desire to trace new paths, search for innovative ideas and solutions that can anticipate national and international market needs.

This is the spirit enlivening the activity of our team: sensing and interpreting signals from the future to win new challenges.

Volontà di tracciare nuove strade, ricerca di idee e soluzioni innovative che anticipino le esigenze di mercati nazionali ed internazionali.

È lo spirito che anima l'attività del nostro team: rilevare e interpretare segnali dal futuro per vincere nuove sfide.

Compositing of texturized and wireframe 3d model generated from a terrestrial laser scan point cloud



sensing innovation

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