



GEO & LAND

GIS, LAND ADMINISTRATION, CADASTRE, AGRICULTURE, SOFTWARE
DEVELOPMENT, CONSULTING

Authorised Partner

AIRBUS

➤ Geo&Land's current strategy is to realize large scale projects in the field of Geoinformation, including software development and Web-GIS systems in different commercial and open source platforms. The software development department is rising rapidly taking into account trade development and INSPIRE directives.

COMPANY PROFILE



"We are trained and certified by prestigious and well-known standards and institutions to offer high quality services with a qualified and diverse staff. Certified by ISO 9001:2008 for geodetic services, GIS and Software Development as well as Project Management. Licensed from Kosovo Cadastral Agency for cadastral and property rights services and from MAFRD for compilation of forest management plans."

WHY US?

Geo&Land remains a leader in a national level in the fields it offers services in. To achieve and maintain this position, all staff members of Geo&Land continuously raise their education and professional level of knowledge. And they use it to work hard and dedicate themselves to build this company. From a small company, today Geo&Land has increased to a company that offers services to a range of clients, including foreign companies and organizations. Not only has our company increased geographically, it has also expanded the range of services it provides.

"This exponential growth reflects the commitment of our company and the seriousness with which we work. The continuing expansion of our client list also reflects the credibility we enjoy in the market. Our path towards success has been challenging, but it is these challenges that have shaped us into the best provider of geodetic services in Kosovo. We let our success speak for itself. That is why a look at our projects page tells you why you should choose us."

OUR MISSION

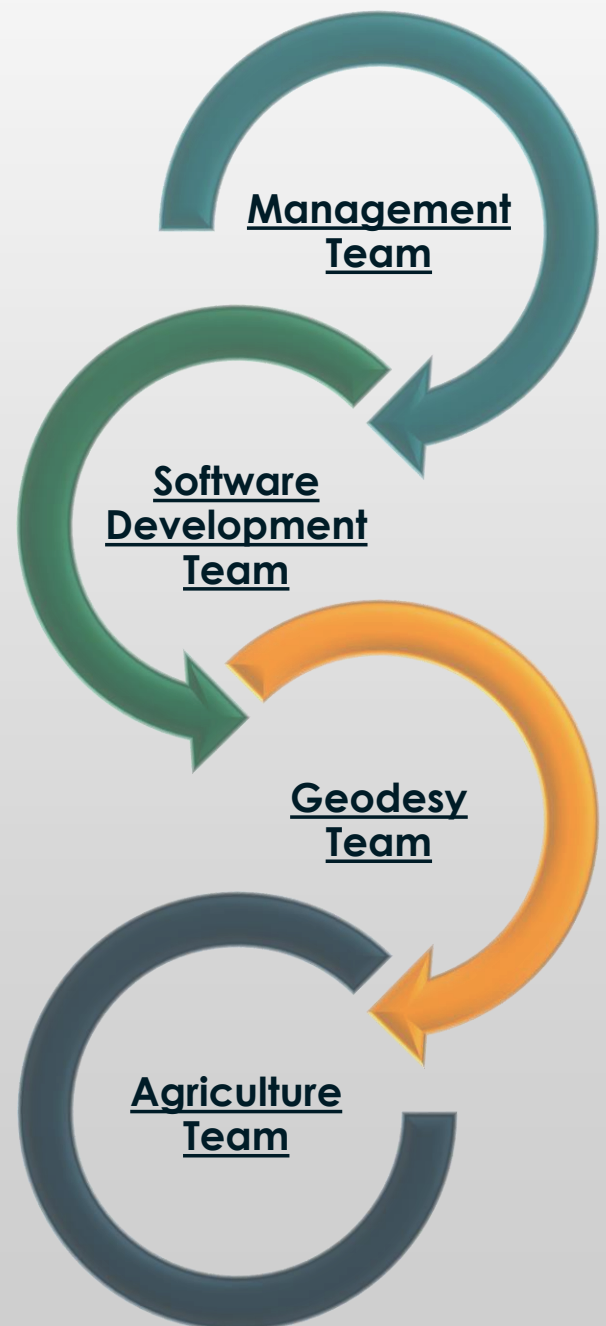
- If we were to describe Geo&Land in three words it would be: innovative, dedicated, and reliable.
- Creative and come up with innovative solutions to meet the clients' needs, dedicated to the work and the clients, and reliable in the services that are provided.
- Driven to not just achieve the goals and complete the projects, but also to go beyond these and give the clients the best possible services to meet their needs.
- The mission is to provide the highest quality services in order to meet client needs. To do this Geo&Land continuously hires and trains their team in contemporary theories and business practices so that they do not just do business and complete projects, but form lasting relationships with the clients.
- Based on the experience, one of the business components lies in the institutional development, training and knowledge transfer in order for customers to benefit from the vast experience and capability. All of the business areas are supported by senior-level consultancy, research and development, which ensure that the offered services have been realized by the best available techniques, technologies, and standards.



"We believe that integrity, collaboration, commitment, and professionalism are the core values that enable us to create the best working environment, in which passion, open-mindedness, and creativity are fostered."

KEY STAFF

The key to the success of our company is its staff. The hiring process is a highly competitive one. The selected few members of our staff not only are successful academically, but also are very eager and passionate in what they do. Several technical skills are also required as our projects require such set of skills.



SERVICES



GIS AND SOFTWARE DEVELOPMENT

- ☐ Data acquisition, digitization
- ☐ Data management and maintenance
- ☐ Data conversion / integration
- ☐ Data validation / processing
- ☐ Data analyses / evaluations
- ☐ GIS project management
- ☐ System integration (EAI)
- ☐ Data and services hosting / mash-up
- ☐ Development/programming of geo components
- ☐ Design of geo infrastructures
- ☐ GIS operation (outsourcing)
- ☐ GIS software – general
- ☐ Desktop GIS
- ☐ Mobile GIS / LBS
- ☐ Geo service server
- ☐ Geodata server / Internet / intranet
- ☐ Data storage components / DBMS
- ☐ GDI components
- ☐ Web GIS basd solutions
 - Agriculture
 - Forestry
 - Local government



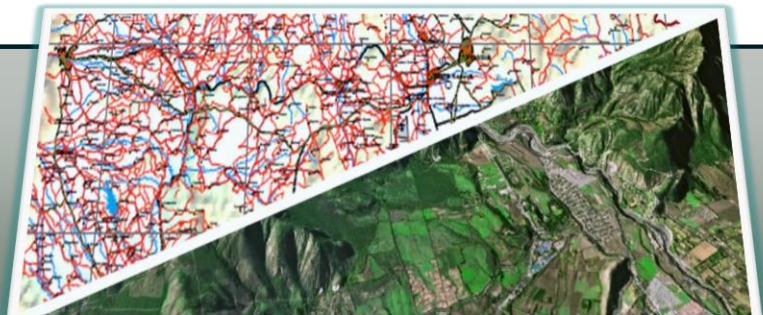
SURVEYING

- ❑ Geodetic control networks
 - Design
 - Reconnaissance
 - Establishment
 - Surveying
 - Processing and adjustment
 - Analysis
- ❑ Urban planning
- ❑ Engineering
 - Tunnel construction
 - Railways construction
 - Mining
 - Roads construction
 - Bridges construction
 - Hydropower plants
- ❑ Monitoring



MAPPING AND REMOTE SENSING

- ☐ Digital 2D mapping
- ☐ Digital 3D mapping
- ☐ Mobile mapping
- ☐ Forestry mapping
- ☐ Agriculture mapping
- ☐ Mining and geology mapping
- ☐ Satellite imagery interpretation and classification
- ☐ Land cover and land usage maps
- ☐ Identification and delineate of forest types
- ☐ Monitoring
- ☐ Watershed management



AGRICULTURE AND FORESTRY

- ☐ Agriculture land registration
- ☐ Rural development
- ☐ Land consolidation
- ☐ Agriculture and Forestry inventory
- ☐ Creation of GIS based registers
- ☐ Project management

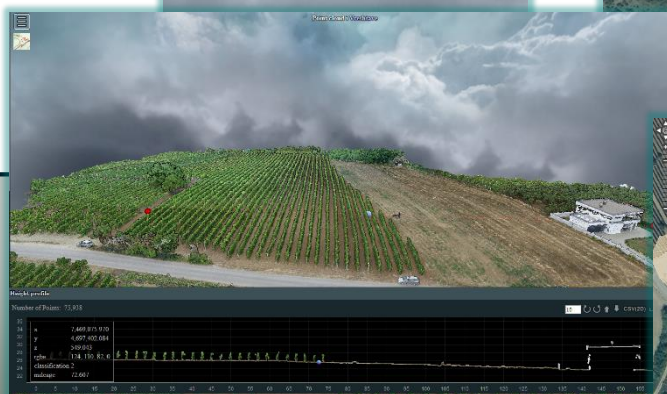


AERIAL DATA COLLECTION – UAV SURVEYING

Geo&Land is drone data collection provider. The certified UAV operators control the process of data capture, analysis, archival and distribute aerial data quickly and more cost effectively than ever before using web map services.

Whether the project is for Mapping, Agriculture & Forestry, Mining and volume calculation, Vegetation / Crop diagnosis, Oil & Gas, Infrastructure & Utilities or a Emergency & Disaster our team can quickly and safely provide a UAV LiDAR survey at 1cm/pixel resolution.

- ☐ Surveying
- ☐ Orthophoto
- ☐ PointCloud
- ☐ DEM



PROJECTS

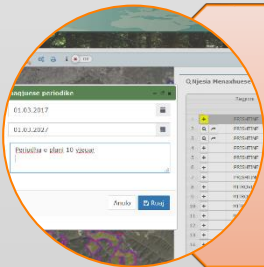
GIS and Agriculture



Creation of soil map



National Farmer and
Payment System
(SPFN)



Integration of GIS
Module and other
functionalities in
Kosovo Forest
Information System



Development of
vineyard cadastre
and national register
for Kosovo based on
GIS



Further development
of vineyard register
and interoperability
with national farm
register system of
Kosovo



Creation of vineyard
cadastre for Rahovec
area and based on
GIS

PROJECTS

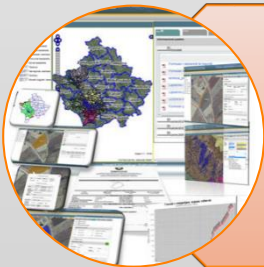
Software Development



Design, development, installation, delivery and after-sales service of Kosovo Forest Information System



Development of vineyard cadastre and national register for Kosovo based on GIS



Further development of vineyard register and interoperability with national farm register system of Kosovo



Development of GIS system for local government



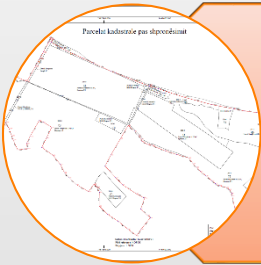
National Farmer and Payment System (SPFN)



Creation of vineyard cadastre for Rahovec area based on GIS

PROJECTS

Geodetic and Cadastral Surveying



Development of an expropriation application for economic zone in Drenas



Cadastral Reconstruction in 5 cadastral zones



Land surveying for urban planning



Consultancy services in topographic surveying and agriculture



Application of expropriation for Brezovica Resort



Resurveying of immovable property for tax purposes



Creation of digital maps for GIS advancement



Topographic surveying New CO Ferronickel L.L.C

PROJECTS

Geodetic and Cadastral Surveying



Geodetic measurements and maps producing for ILS and CAT 2



Establishment of geophysical grid by means of GPS



Digitalization of cadastral data for Peja municipality



Surveying and 3D mapping of the dumps in 7 Municipalities



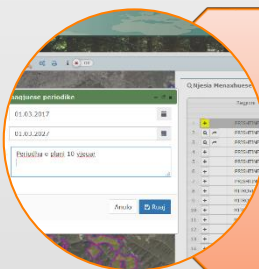
GPS Installation, monitoring and Training of the municipality staff



Creation of Building cadastre in 5 major cities in Kosovo

PROJECTS

Forestry



Integration of GIS
Module and other
functionalities in
Kosovo Forest
Information System

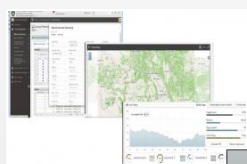


Support to
Implementation of
the Forest Policy and
Strategy in Kosovo



Development of
management plans
for forestry

SOFTWARE



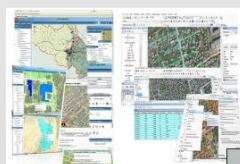
Kosovo Forest
Information
System (KFIS)



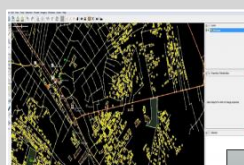
Kosovo Vineyard
Cadastre and
Wine Quality
Control
System(SVV
v.1.3)



National Farmer
and Payment
System (SPFN)



Municipal GIS
System



Addressing
System

AIRBUS GROUP

Authorised Partner

AIRBUS

Geo & Land proudly holds a partnership agreement with **AIRBUS**, a multinational corporate. The agreement of partnership includes cooperation in promoting, distributing, and using products and services of AIRBUS from satellite like aerial optical imagery and radar data including a services like Agriculture Satellite Monitoring Services and OneAtlas. The agreement dates back to 2013 and Geo & Land continues to be the only partner of AIRBUS for territories: **Republic of Kosovo, Croatia, Albania and North Macedonia.**



AIRBUS GROUP

PRODUCTS & SERVICES OF AIRBUS DEFENCE & SPACE

Optical and Radar Data

The Most Extensive and Accurate Imagery Solutions with a Unique Constellation

With Airbus Product and Services you can take advantage of the most extensive and accurate surveillance solutions, with optical and radar satellite imagery, and a wealth of related products and services for smarter decision making.



Imagery	Swath	Revisit capacity	Resolution	Daily acquisition capacity
<u>Pléiades Neo</u> (launch in 2020)	14km	twice daily, anywhere	Panchromatic: 30cm Multispectral: 1.2m	2,000,000km ²
<u>Pléiades</u>	20km	twice daily, anywhere	Panchromatic: 50cm Multispectral: 2m	700,000km ²
<u>Vision-1</u>	20.8km	daily to 8 days	Panchromatic: 0.9m Multispectral: 3.5m	20,000m ²
<u>SPOT 6/7</u>	60km	twice daily, anywhere	Panchromatic: 1.5m Multispectral: 6m	6,000,000km ²
<u>Radar Constellation</u>	4-270km	daily for most latitudes	25cm to 40m	5,400,000km ²
<u>DMC Constellation</u>	640km	daily to every 2 days	22m	22,000,000km ²
<u>KazEOSat-1</u> (3rd Party)	20km	2-3 days	1m	220,000km ²

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PRODUCTS & SERVICES OF AIRBUS DEFENCE & SPACE

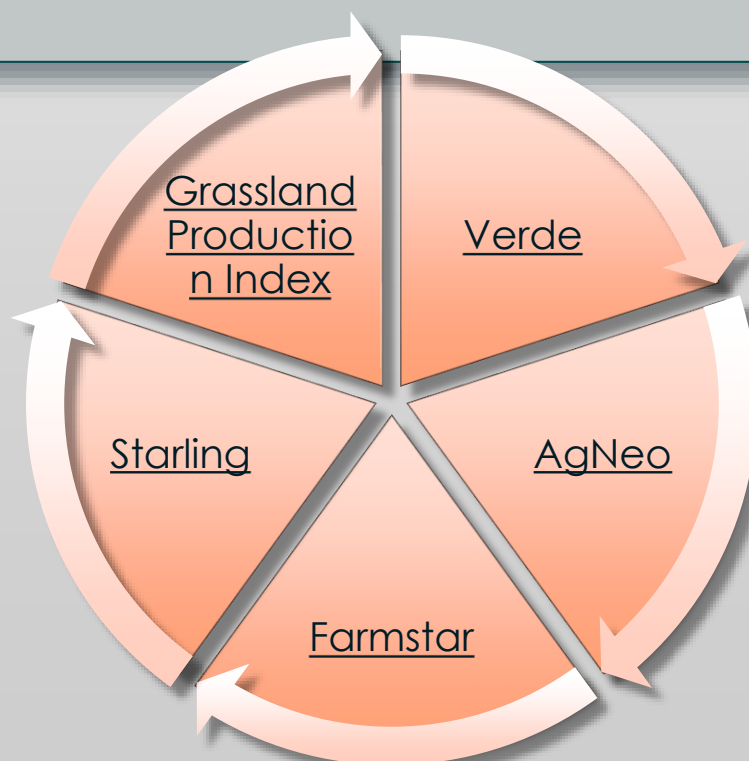
Agriculture Satellite Monitoring Services

Satellite imagery and crop analytics to meet Precision Agriculture requirement

For over 30 years Airbus has shaped how satellite imagery is used for agricultural applications and everyday, tens of thousands of farmers rely on its solutions to better manage their farming activities. Airbus monitoring services support you in the development of productive and sustainable agricultural practices.

Discover the technology within our agricultural services:

Biophysical Parameters



AIRBUS GROUP

PRODUCTS & SERVICES OF AIRBUS DEFENCE & SPACE

OneAtlas

Connecting Imagery from Space to Decisions on Earth

OneAtlas is a unique collaborative environment to easily access premium imagery, perform large-scale image processing, extract industry specific insights and benefit from Airbus assets to develop your solutions.

The OneAtlas Services include:

- Living Library
- WorldDEM Streaming
- Verde
- Mobile
- Change Detection
- Starling
- Basemap
- Earth Monitor
- Ocean Finder
- Refinery Scanner

Your advantages with OneAtlas:

- Easy access to Imagery, Layers and Analytics
- Market-leading, industry-specific solutions available at your fingertips
- Develop new solutions by leveraging Airbus assets
- Flexible options to boost your business

CONTACT US

We look forward to cooperation and new challenges



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