

A new generation of products and services for the agriculture and forestry sectors.

Modern agriculture requires constantly improved digital tools to satisfy the world population's ever-increasing demand for sustainable food.

AgriGeo combines Geoinformation, advanced Big Data and Artificial Intelligence techniques to deliver a suite of services to support the agriculture sector's need for the constant monitoring and assessment of cultivations status.

AgriGeo's goal is to turn images into information that can be easily browsed and analysed to increase agricultural sustainability, and production processes through continuous monitoring.

USERS



FARMERS



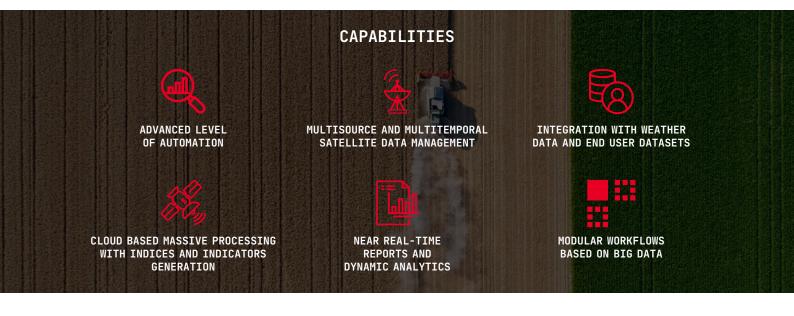
INSURANCE AND FINTECH



FOOD INDUSTRIES



INSTITUTIONS











SERVICES

AgriGEO is the solution for supporting agriculture and forestry activities through geoinformation.

EUROPEAN CAP SUPPORT SERVICES

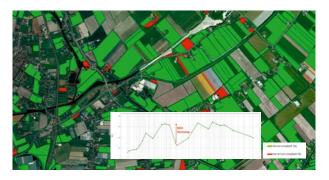
Crop monitoring in support to Common Agriculture Policy-CAP needs massive capabilities to check farmers compliancy for receiving subsidies over agricultural parcels. AGRIGEO provides continuous satellite monitoring of each parcel along the agronomic season, identifying agronomic practices allowing a correct payment to farmers.



DAMAGE ASSESSMENT AND FIELD **VERIFICATION SUPPORT SERVICES**

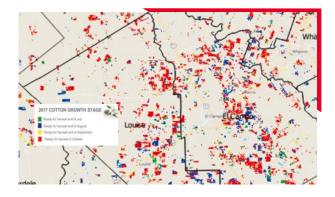
Economic losses from natural disasters are rapidly increasing in the last years. AGRIGEO provides information about main weather disruptive events (extent maps) and supports crop impact assessment. Moreover, it supports field verification optimization, speeding up any survey, through the e-GEOS GEOTAG application (secure and protected geo-tagged photos) on simple mobile phones.





PRODUCTION MONITORING, RISK **ASSESSMENT SERVICES**

For evaluating the feasibility of an investment, the vulnerability of a specific area must be assessed. AGRIGEO allows, through historical crop monitoring analysis, the detection of situations that could affect quality and quantity of the production. AGRIGEO provides also specific services for agro-site characterizations.



PRECISION FARMING SUPPORT SERVICES

AGRIGEO is a unique point of access for single parcels monitoring, supporting farmers in their day-by-day activities with information on crop status and providing field variability analysis for treatments planning or early warning on possible infestations

FOREST MONITORING

Based on the use of optical and SAR images, AGRIGEO supports forest management services such as: identification of deforestation, afforestation, reforestation (clear cut and changes of high forest or rotational coppice), monitoring of authorized deforestation, rapid detection of illegal cuts, burn scar mapping and damage assessment for forest fires, delineation of crashed tree areas after wind storms.

A SUITE OF SOLUTIONS, BASED ON:

- Generation of dedicated information through both Optical and SAR (bands X, C and L) observations
- Customised indicators and markers
- Platform architecture flexibility
- Possibility of tailored services
- · Web and mobile fruition







