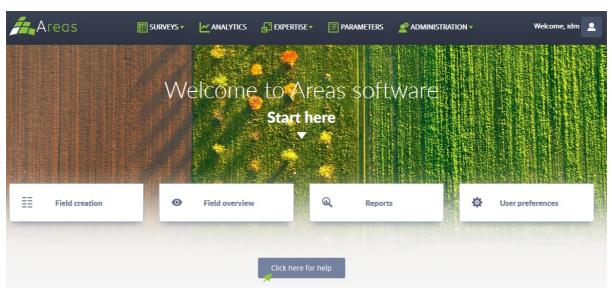




THIS PROJECT HAS RECEIVED FUNDING FROM THE **EUROPEAN UNION'S HORIZON 2020 RESEARCH AND INNOVATION PROGRAMME** UNDER GRANT AGREEMENT N. 696294

Agriculture Remote Aerial Sensing



Title	Agriculture Remote Aerial Sensing
Title (native language)	
Category	 Recording or mapping technology Reacting or variable rate technology Controlled traffic technology Farm Management Information System
Short summary for practitioners (Practice abstract) in English)	AREAS (Agriculture Remote Aerial Sensing) is part of Precisious Agriculture that uses remote sensing for surveying large farm areas, gathering large amount of data in near real-time manner, and processing and analysing data using statistical methods and machine learning algorithms. The results produced from data provide to end users (farmers) explained basis for timely decision making.
Short summary for practitioners	
Website	http://www.logit-solutions.com/agrisens/
Audiovisual material	
Links to other websites	
Additional comments	
Keywords	Farming practice Energy management
Additional keywords	remote sensing; weed identification; stress monitoring
Geographical location (NUTS)	RS
Other geographical location	
Cropping systems	Arable crops Tree crops Open field vegetables Vineyards Grassland
Field operations	Weed control Crop protection
SFT users	Farmer
Education level of users	Apprenticeship or technical school education University education
Farm size (ha)	>500

Company info

Company name	LOGIT
Address	Mlutina Mlankovića 25b, Novi Beograd, Serbia
Website	http://www.logit-solutions.com/
Patent status	no patent

Effects of this SFT

Quality of product Revenue profit farm income Some increase Some decrease Injust costs Some decrease Some decrease Some decrease Some decrease Some decrease Some decrease Energy use Cover (carbon dioxide) emission No effect Cover (carbon dioxide) emission No effect Nacy (nitrous oxide) emission No effect Some decrease Injustion water use Some decrease Injustion water use Some decrease Some decrease Some decrease Some decrease Amount of heavy physical labour No effect		1
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Weed pressure Large decrease Pest pressure (insects etc.) Large decrease	Number and/or severity of accidents resulting in spills property damage incorrect application of fertiliser/pesticides etc.	No effect
Pest pressure (insects etc.) Large decrease	Pesticide residue on product	Some decrease
	Weed pressure	Large decrease
Disease pressure (bacterial fungal viral etc.)	Pest pressure (insects etc.)	Large decrease
	Disease pressure (bacterial fungal viral etc.)	Large decrease

Information related to how easy it is to start using the SFT

This SFT replaces a tool or technology that is currently used. The SFT is better than the current tool	agree
The SFT can be used without making major changes to the existing system	agree
The SFT does not require significant learning before the farmer can use it	disagree
The SFT can be used in other useful ways than intended by the inventor	no opinion
The SFT has effects that can be directly observed by the farmer	agree
Using the SFT requires a large time investment by farmer	no opinion
The SFT produces information that can be interpreted directly	no opinion

View this technology on the Smart-AKIS platform

SMART AKIS PARTNERS:



























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