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Foodie

Title	Foodie
Title (native language)	
Category	• Farm Management Information System
Short summary for practitioners (Practice abstract) in English)	Foodie platform represents an approach to the precision agriculture domain. It uses observing and measuring tools, like remote sensing techniques, similarly to the advanced precision agriculture/farming systems. Moreover, the Foodie platform offers tasks in order to enhance the "traditional" view on the precision agriculture/farming. One of the greatest differences is the openness of the Foodie platform when using the cloud computing. As such, it enables the agricultural data interoperability. On the technological level, any Web service respecting the standards in the geospatial domain may be connected to the system.
Short summary for practitioners	
Website	
Audiovisual material	
Links to other websites	
Additional comments	
Keywords	Farming practice
Additional keywords	
Geographical location (NUTS)	EU

Other geographical location	
Cropping systems	
Field operations	
SFT users	Farmer | Contractor | Supplier
Education level of users	All
Farm size (ha)	0-2 | 2-10 | 10-50 | 50-100 | 100-200 | 200-500 | >500

Scientific article

Title	Towards farm-oriented open data in Europe: The scope and pilots of the European project "foodie"
Full citation	Řezník, T.; Lukas, V.; Charvát, K.; Horáková, S.; Charvát, K., Jr. (2015). Agris On-line Papers in Economics and Informatics, DOI:

Effects of this SFT

Productivity (crop yield per ha)	No effect
Quality of product	No effect
Revenue profit farm income	No effect
Soil biodiversity	No effect
Biodiversity (other than soil)	No effect
Input costs	No effect
Variable costs	No effect
Post-harvest crop wastage	No effect
Energy use	No effect
CH4 (methane) emission	No effect
CO2 (carbon dioxide) emission	No effect
N2O (nitrous oxide) emission	No effect
NH3 (ammonia) emission	No effect
NO3 (nitrate) leaching	No effect
Fertilizer use	No effect
Pesticide use	No effect
Irrigation water use	No effect
Labor time	No effect
Stress or fatigue for farmer	No effect
Amount of heavy physical labour	No effect
Number and/or severity of personal injury accidents	No effect
Number and/or severity of accidents resulting in spills property damage incorrect application of fertiliser/pesticides etc.	No effect
Pesticide residue on product	No effect
Weed pressure	No effect
Pest pressure (insects etc.)	No effect
Disease pressure (bacterial fungal viral etc.)	No effect

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	no opinion
The SFT can be used without making major changes to the existing system	no opinion
The SFT does not require significant learning before the farmer can use it	no opinion
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	no opinion
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.

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