

# AGRIDEMO



Building an interactive Agridemo-Hub Community



# F2F

AgriDemo-F2F has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 728061.



**AGRIDEMO**  
FARMER TO FARMER

*Digital Farm as a real-life testbed*

*Digitalna farma: testiranje tehnologija u stvarnom proizvodnom okruženju*

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\* This Practice Abstract reflects only the author's view and the Research Executive Agency (REA) is not responsible for any use that may be made of the information it contains.

# Digital Farm as a real-life testbed

BioSense Institute from Serbia, has launched the First Digital Farm in Serbia under the scope of ANTARES project. It is an open air show-room that allows farmers to see, test and assess innovative AgTech solutions in real production environment.



Embracing the peer-to-peer learning approach, Digital Farm is located in the fields of the commercial producer Krivaja d.o.o. one of the demonstration farms surveyed by AgriDemo where many state-of-the-art machines and devices for precision agriculture are implemented and have proven their efficiency, leading to increased crop yield and reduced resources consumption.

Each month, during the production season (April - October), Digital Farm Open Days are organized for farming community to exchange the know-how with farmers who already use digital technologies and also introduce it to others. This approach is unique in a way that offers visitors with hands-on experience on application of digital technologies for every segment of crop production on the same farm: from land preparation, sowing, irrigation, fertilization, to harvesting and preparatory work for the next season.

Digital Farm is complemented with its virtual counterpart Digital Platform AgroSense, developed by BioSense Institute aiming to facilitate exploitation of available data (satellite images, weather information, pests and disease outbreaks, etc.) for all farmers in the region just by using their mobile phones or computers. Hence, Open Days are followed with AgroSense training sessions, in order to introduce farmers to tools they can use at their own farm without expensive precision agriculture equipment that they could see on Digital Farm Open Days.

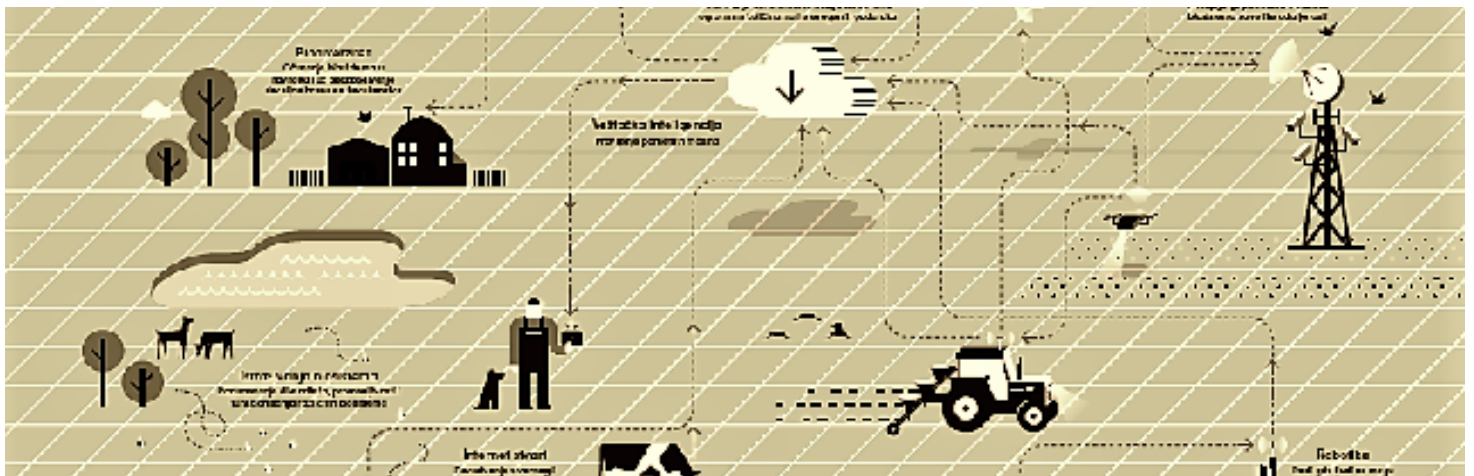
More info: [Serbia: KRIVAJA doo - First Digital Farm in Serbia](#)



For more information, please visit: [agridemo-h2020.eu](http://agridemo-h2020.eu)

# Digitalna farma: testiranje tehnologija u stvarnom proizvodnom okruženju

Institut BioSens iz Srbije u okviru projekta ANTARES otvorio je prvu Digitalnu farmu u Srbiji, kao mesto na kom poljoprivrednici imaju mogućnost da se u stvarnom proizvodnom okruženju upoznaju sa najnovijim tehnološkim dostignućima, testiraju ih i uvide njihov potencijal.



U skladu sa principima „peer-to-peer“ koncepta, Digitalna farma je postavljena na proizvodnim parcelama komercijalnog proizvođača Krivaja d.o.o. na kojima se u svakodnevnom radu koriste najsavremenije digitalne tehnologije i koje su već pokazale svoju efikasnost povećanjem prinosa i smanjenjem potrošnje resursa.

Svakog meseca tokom proizvodne sezone (od aprila do oktobra) održavaju se Otvoreni dani Digitalne farme, koje je detaljno analizirao Agridemo projekat, a namenjeni su poljoprivrednicima kako bi mogli da razmene iskustava sa kolegama koji koriste digitalne tehnologije za unapređenje proizvodnje. Kontinuirana organizacija Otvorenih dana tokom sezone omogućava transfer iskustva u vezi sa svakim segmentom ratarske proizvodnje: od pripreme zemljišta, setve, navodnjavanja, ishrane useva, pa do žetve i radova na pripremi naredne sezone.

Digitalna farma je upotpunjena virtuelnim delom, Digitalnom platformom AgroSens, koju je razvio Institut BioSens sa ciljem da omogući pristup dostupnim podacima (satelitski snimci, vremenska prognoza, podaci o pojavi bolesti i štetočina, itd.) za sve proizvođače samo uz pomoć mobilnog telefona ili kompjutera. Za sve zainteresovane poljoprivredne proizvođače, dan nakon Otvorenih dana organizuju se i AgroSens treninzi na Institutu BioSens, čime se prenosi znanje kako da bez skupih alata precizne poljoprivrede nadgledaju razvoj svojih useva i planiranju aktivnosti na svojem gazdinstvu.

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