Miljan Cvetković, professor
University of Banja Luka Faculty of Agriculture

ICT in Agriculture – old and new forms of education and new knowledge acquisition

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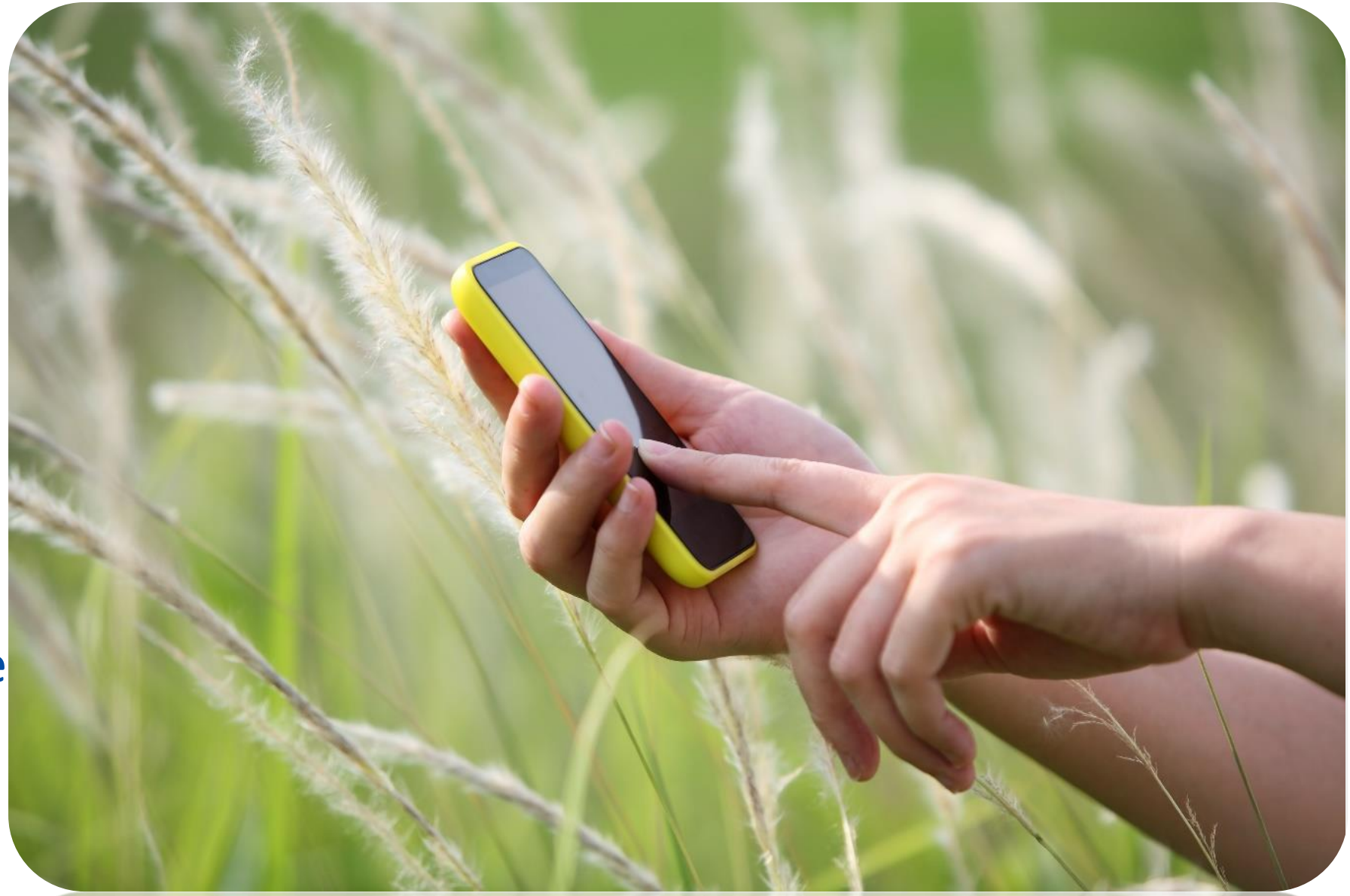
In recent years, information and communication technologies(ICT) have become increasingly important in the field of agricultural production, both in size and scope.



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Expanding extensive connectivity, the growing use of the Internet of Things (IoT), improved analytics, more affordable devices, and innovative applications are the basis of what we now call the digital society.

This momentum provides participants in the agricultural sector with the opportunity to adapt and apply this technology as a solution for modern agriculture.

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A high level of narrowly specialized knowledge, along with the availability of modern equipment is a key condition for their successful application.

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29/04/2020

VIRAL Project Implementation Commences

In the latter half of 2019, out of 833 projects submitted within the Erasmus+ programme, the Education, Audiovisual and Culture Executive Agency of the European Commission in Brussels (EACEA), selected 163 it will finance directly. Among them is the project titled "Vitalising ICT

Najnovije

01/06/2022
Workshop within the conference

01/06/2022
Project meeting and steering committee in Bucharest

24/05/2022
VIRAL in the world of sweet cherry of Herzegovina

24/05/2022
Hackathon lived up to the expectations of the project and the participants

21/04/2022
Students of t
Faculty

2019-2022(3)

900.000 euros

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Specialized thematic workshops, online lectures, ICT courses in agriculture, student competitions (hackathons), virtual fairs, teams of trainers for education in certain areas, guides and training materials, practical workshops, and demonstrations, are just some of the tools that enable successful education and acquiring new knowledge in this field.

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Old and new forms of education and new knowledge acquisition

Pros and Cons?

Different ways of non-formal education and acquiring new knowledge about the application of ICT in agriculture.

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Theoretical workshops

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Theoretical workshops

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Practical workshops

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Practical trainings

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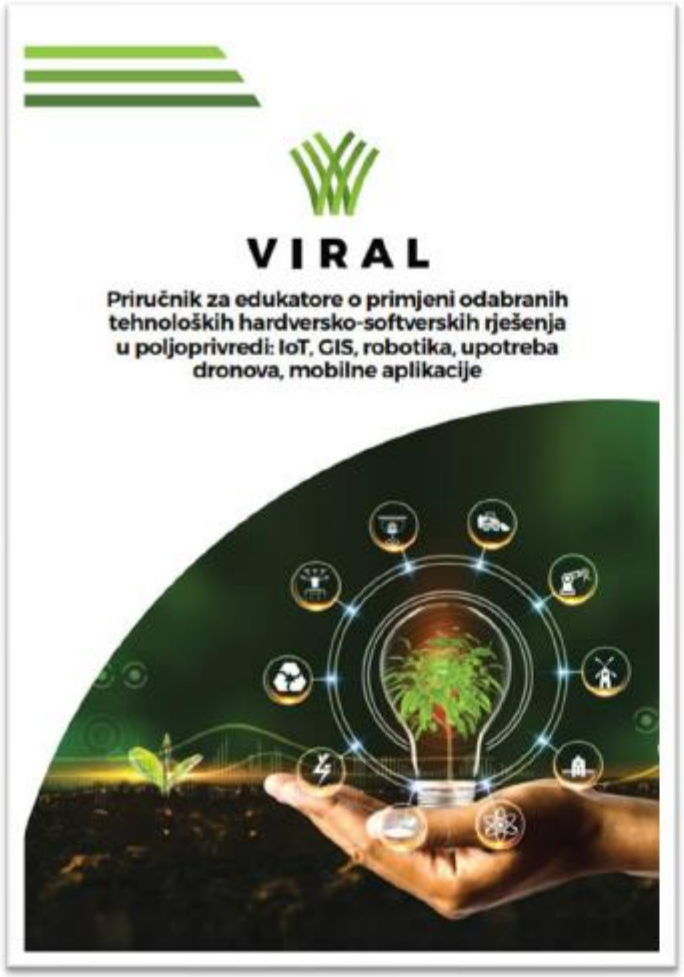
Vocational publications



NAZIV:
Priručnik za edukatore o primjeni odabranih tehnoloških hardversko-softverskih rješenja u poljoprivredi: IoT, GIS, robotika, upotreba dronova, mobilne aplikacije

NAZIV NA ENGLESKOM JEZIKU:
Toolkit for educators on application of the selected hardware and software in agriculture: IoT, GIS, robotics, deployment of drones, mobile apps

OBJAVLJUJE:
Western Balkans Institute
Kralja Milana 34, Beograd, Srbija
office@wbi-institute.org
www.wb-institute.org

KO-IZDAVAČ:
Montenegrin Association for New Technologies MANT
Merše Selimovića 12, Podgorica, Crna Gora
www.mant.me

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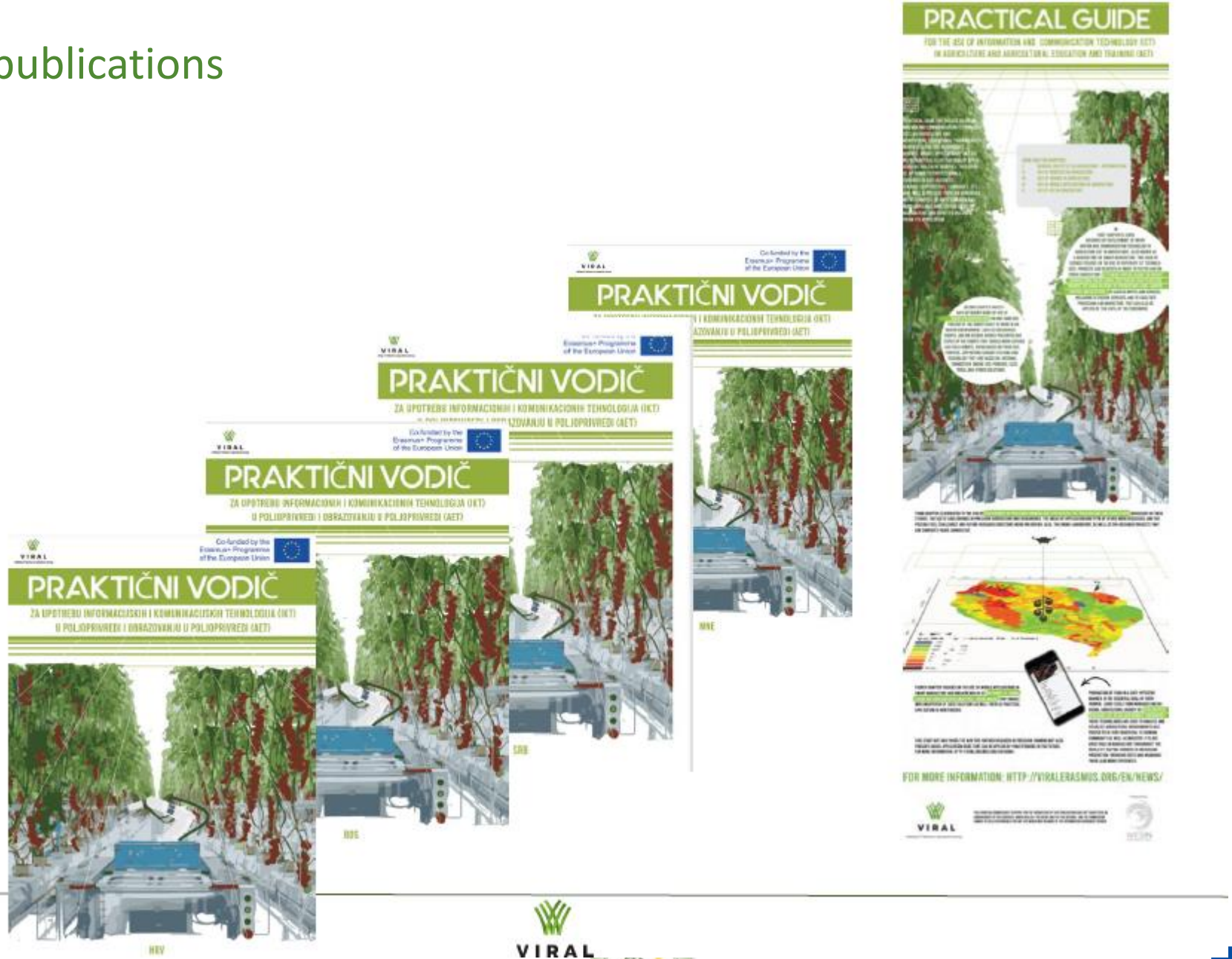
Vocational publications



VIRAL

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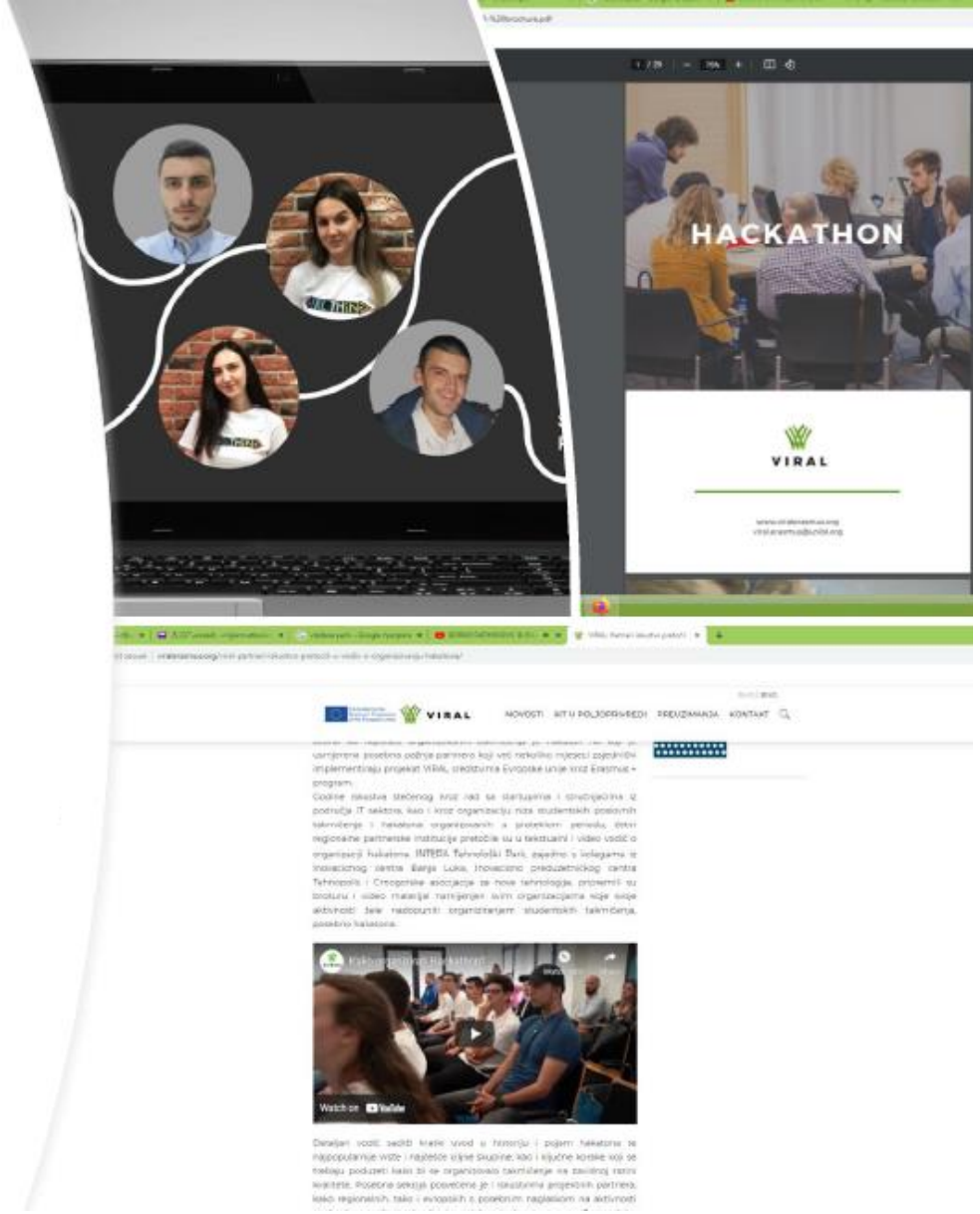
Student pitching Competitions HACKATONS



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Student pitching Competitions HACKATONS

Student pitching Competitions HACKATONS

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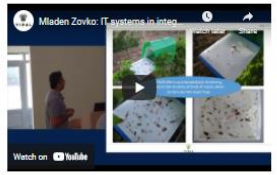

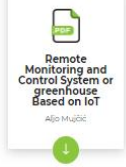

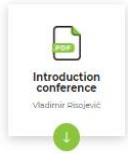

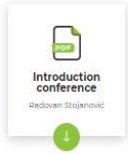

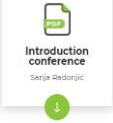

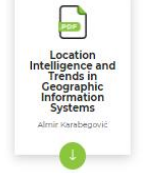

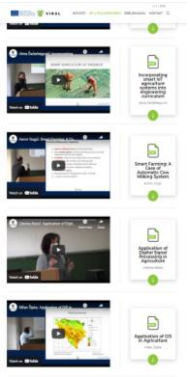

Online lectures

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Crash course on ICT in agriculture

Type	☒ Teaching material ☒ Learning material ☒ Training material	☐ Event ☐ Report ☐ Service/Product
Description	Each Partner country HEI will introduce in 2nd project year extra-curricular course of use of ICT in agriculture, intended to University students, especially to those enroled in agriculture and technical engineering sciences. The course duration will be up to ½ semester or 4 sessions and will be valued with certain number of ECTS, depending on final workload. Courses will be approved by Universities. This course will enable more relevant knowledge and better employability of University graduates. It is expected that min. 360 students at 5 Partner contry HEIs per year attend the course.	
☒ Teaching staff ☒ Students ☒ Trainees ☐ Administrative staff ☐ Technical staff ☐ Librarians ☒ Other		

ONLINE COURSE

Zdenka Babić
Vedran Jovanović

Drones

Aljo Mujčić
Suad Kasapović
Alma Šećerbegović

IoT

GIS

Mobile applications

Tomo Popović
Stevan Čakić

Milan Šipka
Mihajlo Mrković

Jurij Rakun
Erik Rihter

Robotics

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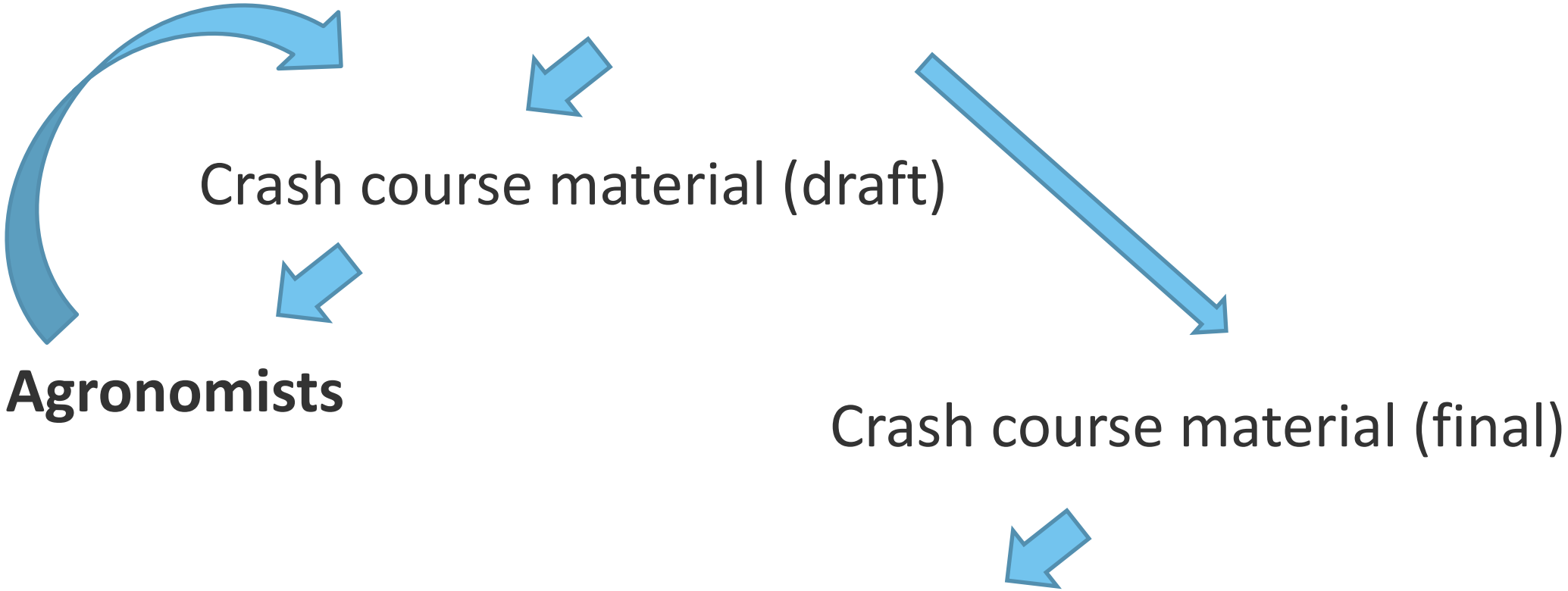

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Modules:
Mobile applications, IoT, Drones, Robotics and GIS

ppt + video presentation + quiz

bonus materials

final quiz

certificate

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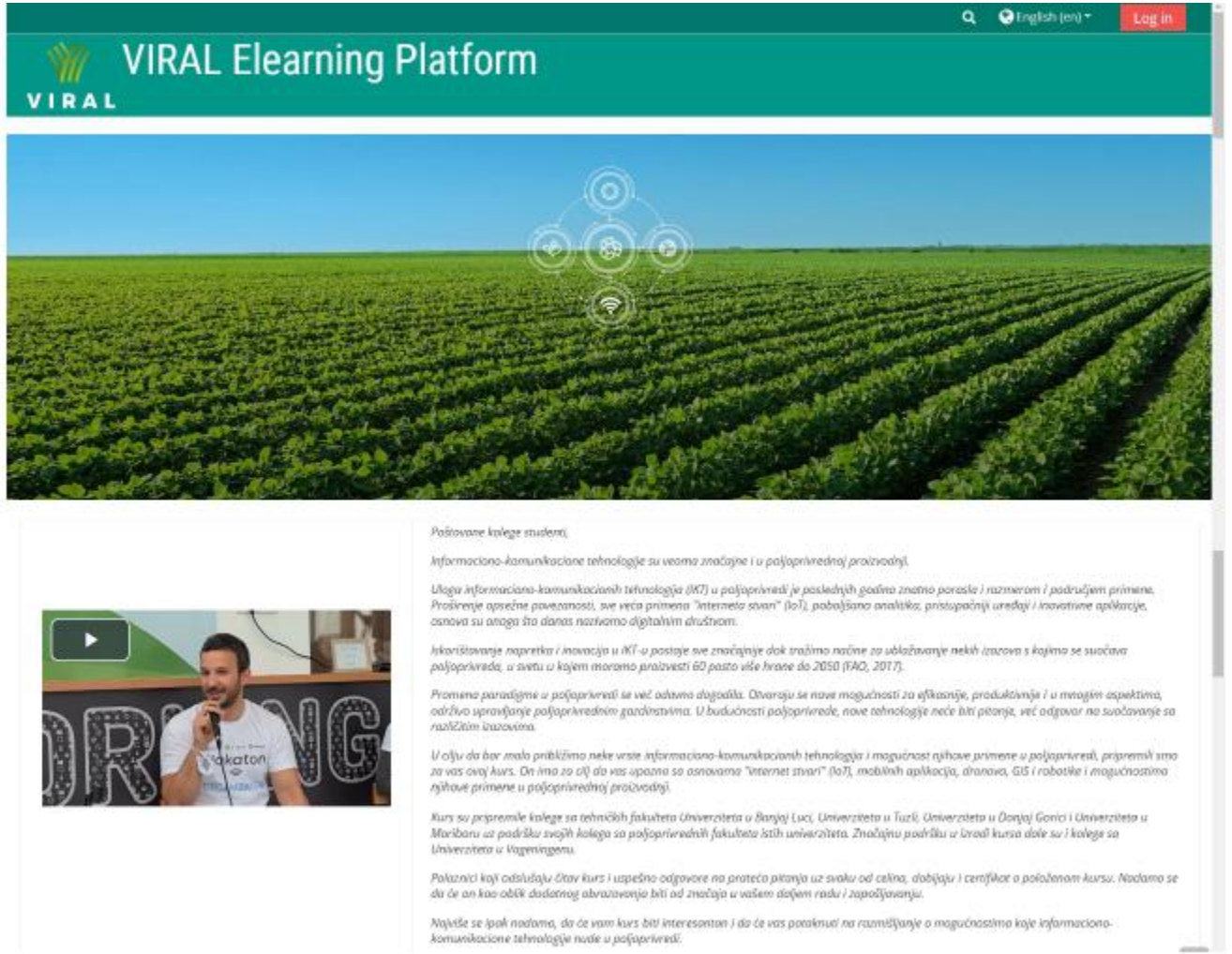

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Dostupni kursevi

Komunikacijski sistemi

Kurs ›

Senzori

Kurs ›

IoT sistemi

Kurs ›

GIS

Kurs ›

Mobilne aplikacije

Kurs ›

Dronovi u poljoprivredi

Kurs ›

Robotika

Kurs ›

PDF materijali

Kurs ›

ZAVRŠNI KVIZ

Kurs ›

Navigacija

Početna stranica

Kursevi

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Virtual FAIR

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https://expo.viralerasmus.org/

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SmAgTech EXPO

SMART AGRITECHNOLOGY EXPO

NOVEMBER — 23 - 24 — 2022

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NETWORKING

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Thank you for yor attention!

Improving food together

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