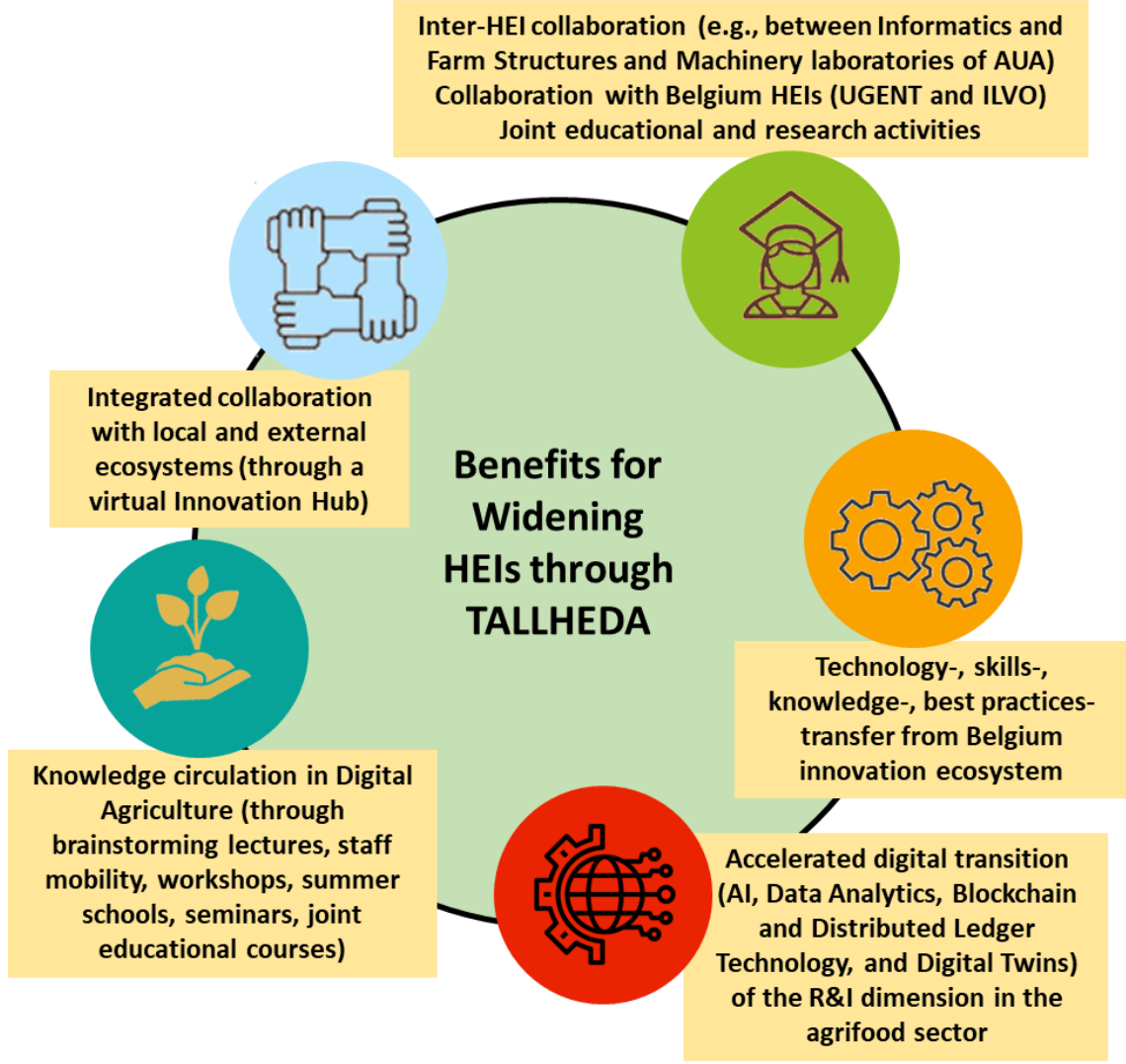


TALLHEDA Project

Project Logo	Project Acronym
 <p>TALLHEDA</p>	TALLHEDA
Project Title	
Transforming Access To Excellence With Successful Alliances Of Higher Education In Digital Agriculture	
Principal Investigator	Project Duration
K. Demestichas	2024-2027
Participating Organizations	
Agricultural University of Athens (AUA), REZOS, SAH, UNSFA, FSH, TERRA, UGent, ILVO, ODYC, AVR	
Abstract	
<p>Widening countries lag behind the European average in Research & Innovation investment and scientific excellence; the domain of Digital Agriculture (DA) is one prominent example. Higher Education Institutes (HEIs) of Widening countries, like Greece and Serbia, can play a central role in addressing this issue, but need support for achieving excellence in research and education in the DA domain. HEIs in Belgium have gained significant experience by establishing an ecosystem that fosters close collaboration among HEIs, competence centers, Digital Innovation Hubs, and industry, leveraging advanced digital technologies for the benefit of citizens, business, and scientific advancement. In this light, TALLHEDA will build a new long-term Alliance for DA between agricultural HEIs from Widening countries with leading non-widening agricultural universities, and local and international stakeholders. TALLHEDA Alliance will contribute to raising the critical mass of highly skilled scientists and to establishing liaisons with surrounding ecosystems, in order to foster the Quadruple Helix of innovation in Widening countries. The path to excellence will be paved with a portfolio of multi-actor, inter-sector and international complementary actions to support students, early-stage and experienced researchers, and academic staff of the Widening HEIs. This will be achieved through collaboration, complementary top-level expertise of all partners, access to cutting-edge infrastructure, staff mobility, and joint educational and research activities. The partners have an established scientific reputation in DA and are committed to making TALLHEDA a success. In the long term, Widening HEIs will be one step closer to reforming their institutions in terms of content and quality of educational courses, pedagogical and management practices, and research and innovation capacity, raising the critical mass of highly skilled scientists needed for digital transition in agriculture across Europe.</p>	



Figure



URL


[TALLHEDA | Horizon Europe](#)

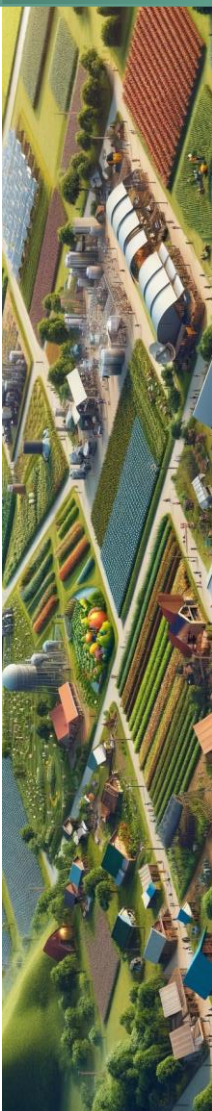
Funding Authority



**Funded by
the European Union**

TRUSTFOOD Project

Project Logo	Project Acronym
	TRUSTFOOD
Project Title	
Advanced Digital Skills on Blockchain for Trusted Food Supply Chains	
Principal Investigator	Project Duration
K. Demestichas	2023-2025
Participating Organizations	
REZOS, SAH, UNIC, WU, UNI LUX, UNIS EL, UBITECH, KAU, 482.solutions, AFC, GREEN POINT, AUA, INSME, ATC, LITMEA.	
Abstract	
<p>The aim of this project is to support the development of advanced digital skills of people in the labour force, with a focus on SMEs, as well as to job seekers by providing access to high-quality specialised training courses, reflecting the latest developments in the area of Blockchain technologies applied holistically to the Food Supply Chain. The project will design and deliver short-term training courses for upskilling and reskilling of the labour force, with a particular focus on SMEs owners, managers, and employees in the Food Supply Chain (FSC) sector. The courses will be highly practical and will provide specific knowledge about key digital technologies of Blockchain and their applications to the FSC. The courses will be also focusing on job seekers in the particular area. The courses will have different length, from one month to 6 months maximum. The main types of courses will be: Courses for business' leaders or managers, to acquire advanced digital skills and competences related to blockchain and how they can be deployed to innovate, transform and expand their businesses, as well as forge trust in their relationships with other businesses and stakeholders in the field. Courses for employed people or job seekers to acquire advanced digital skills and competences of how to integrate blockchain technologies to relevant innovative digital tools in their daily work. Intensive seminars and workshops on specific business cases and aspects of blockchain for high-skilled workers in SMEs or job seekers (e.g., business case: blockchain for enhanced traceability of food products).</p>	



Figure



URL


[Home - TrustFood Project](#)

Funding Authority



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SILVANUS Project

Project Logo	Project Acronym
	SILVANUS
Project Title	
Integrated Technological and Information Platform for Wildfire Management	
Principal Investigator	Project Duration
C. Costopoulou	2021-2025
Participating Organizations	
PEGASO, Z&P, INTRA, TRT, FINC, ATOS IT, ATOS SA, DELL, SIMAVI, EDP, ADP, TP, 3MON, CTL, SYNC, EAI, ITTI, VTG, MDS, CMCC F, EXUS, RINI, MD, WUT, HB, AUA, CERTH, UTH, IST, UASVG, UISAV, PUI, SGPS, ASSET, LETS, PNRT, SMURD, ASFOR, KEMEA, HRT, AHEPA, OIR, PSTE, FRB, MSR, HVZ, TUZVO, PLAMEN, AMIKOM, CSIRO, UFRJ, COPPETEC	
Abstract	
<p>The SILVANUS project embraces a holistic approach to extreme wildfire prevention and suppression, including a high level of stakeholder engagement. From first responders to the health sector, from forest owners to the construction and energy industry, the SILVANUS platform will address the needs and requirements of stakeholders by addressing the challenges outlined in each of the Phases (A – Prevention and preparedness, B – Detection and response, C – Restoration and adaptation). The objective is to implement and validate the SILVANUS sustainable forest management platform and methodologies for monitoring and protecting natural resources. The technical and scientific innovation will develop novel methodologies in monitoring and analysing ecological growth of natural resources to complement the analysis of biodiversity models. The environmental monitoring framework developed within SILVANUS will; be supplemented with cutting-edge technologies for the early-stage detection and response coordination of wildfire. Finally, the SILVANUS platform will offer support for rehabilitation, restoration, and adaptation of natural forest growth.</p>	



Figure

SILVANUS
European Green Deal Project For Wildfire Management and Climate Change
Modern and Innovative Protector against Extreme Wildfire, For the Benefit of Forests and Humankind

SILVANUS is a Horizon 2020 Green Deal project, whose main objective is to create a climate resilient forest management platform to prevent and combat forest fire in three distinct phases.

IMMERSE YOURSELF IN THE WORLD OF SILVANUS!
Citizen engagement is a vital branch in the development of our platform!

PHASE A	PHASE B	PHASE C
PREVENTION AND PREPAREDNESS	DETECTION AND RESPONSE	FOREST RESTORATION POLICIES
Fire ignition models, Citizen engagement mobile application, Augmented reality training for firefighters	Coordination between on-site devices (cameras, sensors), drones and ground robots to detect fire, Deployment of water cannons	Forest growth models, Soil rehabilitation strategy, Policy recommendation

The project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement no. 101037247

Follow us on: [Silvanus-Project.eu](https://silvanus-project.eu)

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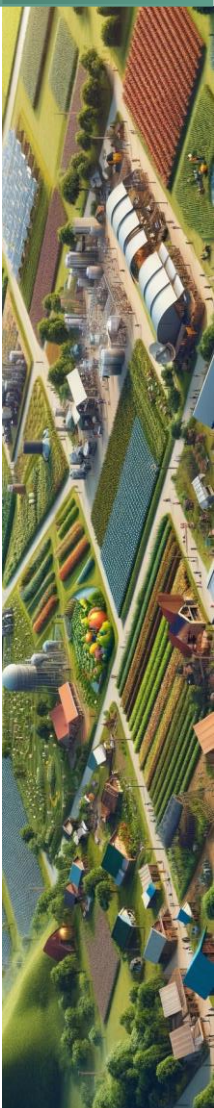
Funding Authority



**Funded by
the European Union**

ADVICE Project

Project Logo	Project Acronym
	ADVICE
Project Title	
Advancing Digital Competence In Higher Education	
Principal Investigator	Project Duration
C. Costopoulou	2021-2023
Participating Organizations	
Collegium Civitas, Sapienza – University of Rome, University of Northampton, Agricultural University of Athens	
Abstract	
<p>ADVICE is aimed at supporting higher education teachers in tackling their digital competence gaps and mismatches, by creating a Digital Competence Learning Hub – an open platform integrating a competence assessment tool and a complementary database of tools and resources available online. The project also aims at preparing a set of recommendations for stakeholders and decision-makers, which should help build the capacity of higher education systems for more inclusive online education.</p>	
<p>The global pandemic has faced higher education systems with unprecedented challenges and teachers with a need for a paradigmatic shift. Digital learning has become not a subsidiary form of education, but the only alternative that the educational system had at the time. From 2020 on, higher education teachers need more than digital literacy. They need a comprehensive set of competencies in a range of areas, making digital education of students equal and effective. Now, there are either self-assessment or skills upgrading tools available. Both are not integrated in a way to support efficient up-skilling, and contributing to a better quality of online, and blended higher education teaching. Thus, we want to increase the accessibility of the already existing tools in a structured way, so that the educators aiming at developing their competences are not forced to do exhausting and time-consuming research throughout the internet to identify their needs. We also want to raise knowledge of stakeholders and decision-makers to strengthen the mechanisms of competence development support.</p>	
<p>The overarching methodological principle is a collaborative work of participants, fostering synergy of various fields of knowledge and competence. The partners will be involved in a participatory modelling processes, held online and face to face. The experts and academic teachers will review and update the DigCompEdu framework to identify the most recent and necessary set of digital competences for higher education teachers. In teams, they will develop the self-assessment tool and prepare the database of tools and resources, amplified with the artificial intelligence enhanced crawler. At each step, participants will validate and test the tools with other experts and higher education teachers from their institutions. Three local testing phases (in each partner country) will lead to evaluation and improvement of the main hard result (Digital Competence Learning Hub) before its release.</p>	
<p>These activities will be the most fruitful for the academic teachers from the partnering institutions. ADVICE expects that at least 240 higher education teachers and education experts from the partnership will take part in the project’s activities to design and validate the tools.</p>	



Participation in testing will help them define their competence gaps instantly and show the path for the advancement of their skills.

Apart from standard information transferred via partners' websites and social media, ADVICE project proposes multiplier events disseminating project outputs: Digital Competence Learning Hub and recommendations. We will involve concrete target groups and create an international network of academic teachers and experts from HE sector through one face to face transnational conference, one online conference for decision-makers and other stakeholders, and four online conferences held in national languages of the participating institutions, targeted especially at the local academic teachers.

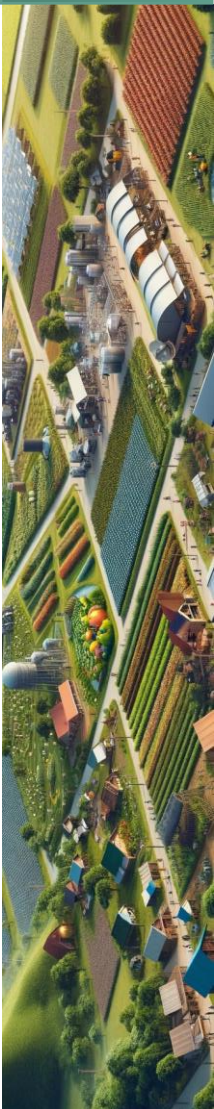
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[Advice – ADVANCING DIGITAL COMPETENCE IN HIGHER EDUCATION \(civitas.edu.pl\)](http://civitas.edu.pl)

Funding Authority

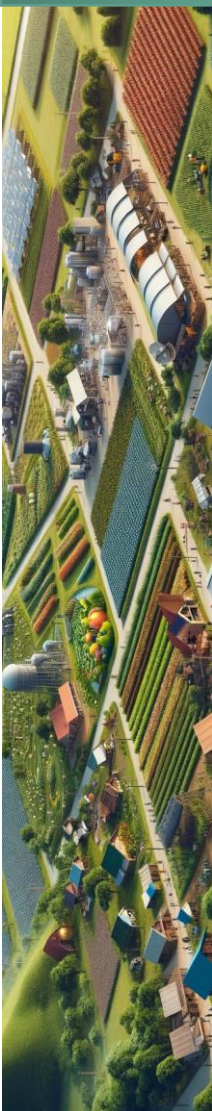


Erasmus+



SALSA Project

Project Logo	Project Acronym
	SALSA
Project Title	
Small Farms, Small Food Businesses And Sustainable Food Security	
Principal Investigator	Project Duration
T. Tsiligiridis	2016-2020
Participating Organizations	
<p>Universidade De Evora, Universita Di Pisa, Nodibinajums Baltic Studies Centre, The James Hutton Institute, Stiftelsen Ruralis Institut For Rural- Og Regionalforskning, Uniwersytet Rolniczy Im. Hugona Kollataja W Krakowie, Highclere Consulting Srl, Universitat Politecnica De Valencia, International Institute For Environment And Development , Agricultural University of Athens, Universidade De Cabo Verde , University For Development Studies , African Centre For Technology Studies , Institut National De La Recherche Agronomique De Tunisie ,International Centre For Research In Agroforestry, The Food And Agriculture Organization Of The United Nations, Confederazione Nazionale Coldiretti.</p>	
Abstract	
<p>SALSA will assess the role of small farms and small food businesses in delivering a sustainable and secure supply of affordable, nutritious and culturally adequate food. SALSA will identify the mechanisms which, at different scales, can strengthen the role of small farms in food systems and thereby support sustainable food and nutrition security (FNS). By considering a gradient of 30 reference regions in Europe and in Africa, we will obtain a differentiated understanding of the role of small farms and small food businesses in very differently structured food systems and situations.</p>	
<p>SALSA will elaborate and implement a transdisciplinary, multi-scale approach that builds on and connects relevant theoretical and analytical frameworks within a food systems approach, and that uses qualitative, consultative and quantitative methods. We will also test a new combination of data-based methods and tools (including satellite technologies) for rigorously assessing in quantitative terms the interrelationships between small farms, other small food businesses and FNS, paying particular attention to limiting and enabling factors. SALSA will use participatory methods, at regional level, and establish a more global Community of Practice and multi-stakeholder learning platform, based on FAO's TECA online communication and learning platform.</p>	
<p>The SALSA consortium, and the joint learning and close cooperation, have both been designed with the EU - Africa dialogue in mind. Responding to the call we will unravel the complex interrelationships between small farms, small food businesses and FNS, and unfold the role played by small farms in (a) the balance between the different dimensions of sustainability, (b) maintaining more diverse production systems, (c) supporting the urban/rural balance in terms of labour and (d) in facilitating territorial development in countries facing a strong rural population growth.</p>	



Figure



URL

<https://cordis.europa.eu/project/id/677363>

Funding Authority



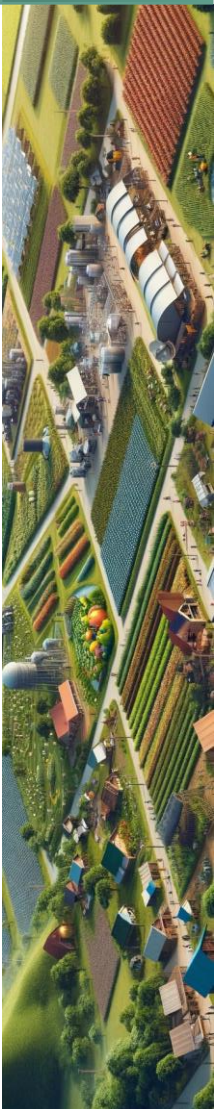
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eIDAS Project

Project Logo	Project Acronym
	eIDAS
Project Title	
eIDAS: Electronic Identification and Authentication Services to AUA	
Principal Investigator	Project Duration
C. Costopoulou	2019-2020
Funding Authority	
General Secretariat of Research and Technology (GSRT)	

“Content Development- Development of Training Materials for New Types of Teachers and Internal Evaluation”

Project Title	
Content Development - Development of Training Materials for New Types of Teachers and Internal Evaluation Project	
Principal Investigator	Project Duration
C. Costopoulou	2018-2019
Funding Authority	
Operational Programme: Human Development of Human Resources, Education and Lifelong Learning, NSRF 2004-2020, European Union	



“Training of Teachers for the use and application of digital technologies in teaching practice”

Project Logo	Project Acronym
Project Title	
Training of Teachers for the use and application of digital technologies in teaching practice	
Principal Investigator	Project Duration
C. Costopoulou	2018-2019
Funding Authority	
Funding from the Institute of Technology of Computers & Publications (ITYE) "DIOFANTOS"	

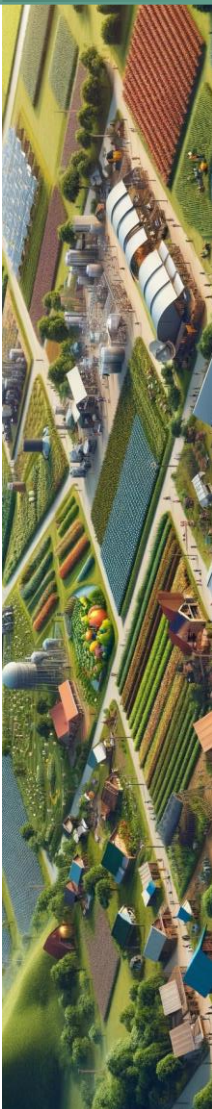
“eIDAS: Transformation of Greek e-Gov Services to eIDAS Cross Border Services” Project

Project Logo	Project Acronym
	eIDAS
Project Title	
eIDAS: Transformation of Greek e-Gov Services to eIDAS Cross Border Services	
Principal Investigator	Project Duration
C. Costopoulou	2017-2018
Funding Authority	
European Commission through the Connecting Europe Facility (CEF) mechanism	





New Agriculture for a New Generation Project

Project Logo		Project Acronym	
		New Agriculture for a New Generation Project	
Project Title			
New Agriculture for a New Generation: Recharging Greek Youth to Revitalize the Agriculture and Food Sector of the Greek Economy			
Principal Investigator		Project Duration	
C. Costopoulou		2015	
Participating Organizations			
Rutgers University, American Farm school, Agricultural University of Athens, CERTH, University of Piraeus			
Abstract			
The “Recharging the Youth: New Agriculture for a New Generation” program which is funded by the Stavros Niarchos Foundation, aims to help revitalize agriculture in Greece by training and developing a new generation of farmers and inspiring agriculture and food entrepreneurs.			
Figure			
URL			
-			
Funding Authority			
Stavros Niarchos Foundation			



FruitFlyNet Project

Project Logo	Project Acronym
	<p>FruitFlyNet</p>
Project Title	
<p>FruitFlyNet: A location – aware System for Fruit Fly Monitoring and Pest Management Control</p>	
Principal Investigator	Project Duration
<p>T. Tsiligkiridis</p>	<p>2013-2015</p>
Participating Organizations	
<p>AUA, ARO, NCARE, CREA-FRU, UIB, UTH</p>	
Abstract	
<p>The mission of FruitFlyNet project is to contribute to the development and implementation of environmentally effective e-monitoring and ground spraying control solutions, based on prototypes, technological innovations, and knowledge transfer for specific key-pests in the Mediterranean. Specifically, it will develop, implement, test and demonstrate an innovative, integrated, Location Aware System (LAS) for fruit fly ground spraying control, by means of 4 pilots (and 1 test site) in 5 Med-countries aimed at developing prototypes, technological innovations and knowledge transfer. LAS is based on Real Time Trapping and Insect Counting (ReTIC) that can rationalize the use of insecticides: more accurate info in less time will be available to the farmers in order to decide how to intervene just only on the identified attacked areas of the tree. This will contribute to reduce the polluting risk factors for the environment and increase the quality and quantity of available fruit to local consumers at lower prices.</p>	
Figure	
	
URL	
<p>http://fruitflynet.aua.gr/index.php</p>	
Funding Authority	
