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1852 - 2022



UNIVERSITY OF
AGRONOMIC SCIENCES
AND VETERINARY MEDICINE
OF BUCHAREST

26 - 27 October 2023

European Green Deal implications
in horticulture learning, teaching
and training activities

Greener for better!

Multiplier event (organized as workshop)

USAMV Bucharest, Romania



One day free workshop

You are invited to take part at the multiplier event "**European Green Deal implications in horticulture learning, teaching and training activities**", a free workshop where at least 50 participants, as university professors, high-school teachers, researchers, trainers and external stakeholders belonging to the public authorities are expected to participate.

The workshop is the final event of the ERASMUS + project "Enhancing practical skills of horticulture specialists to better address the demands of the European Green Deal, Hort4EUGreen.



The event will take place at **University of Agronomic Sciences and Veterinary Medicine of Bucharest (USAMV Bucharest)** in the first half of the day and at **Romexpo**, the largest Exhibition Center in Romania, in the second half of the day, as we plan to also visit **INDAGRA exhibition** (<https://www.facebook.com/INDAGRA/>), one of the largest international exhibition of agriculture, animal husbandry and food industry equipment and products from Romania.



What you will hear about?

In the workshop we will present the knowledge and skills acquired by students and early career teaching staff on topics related to horticulture, as:

- nutritional quality of fruits and vegetables,
- nutritional quality analysis,
- reduction of pesticides residues,
- quantification of residues present on horticultural matrices,
- alternatives to chemical pesticides, etc.
- urban horticulture,
- tips and tricks gathered while implementing an Erasmus project on Green Deal topic
- handbooks available for students at different levels of studies,
- what brings a learning, teaching and training event for the HEI staff
- many more



All over Europe, more and more institutions are suffering due to "growing mismatch" with labor market. Labor markets are rapidly changing, due to technological advancement, greening, and ageing workforce. Higher education institutions have the responsibility to reduce this gap and prepare the young generations and foster their employability and personal development.

Venue

The opening ceremony will take place in Aula Magna Petre S. Aurelian, in the Agriculture Faculty.

The lunch will be served in front of the Aula.

One visit will be organized at the Research Center for Studies of Food Quality and Agricultural Products.

One visit will take place at Romexpo
<https://www.indagra-food.ro/ro/>

Screening the multi award-winning documentary movie **The Need to GROW**, directed by **Rosario Dawson**.



Program

Hour	Activity 26.10.2023	Where
14.00 - 17.00	Screening the multi award-winning documentary movie "The need to grow", directed by Rosario Dawson and discussions about soil health	USAMV
Hour	Activity 27.10.2023	Where
10.00 - 10.30	Welcome speach. Project presentation	USAMV
10.30 - 12.00	Hort4EuGreen handbooks: nutritional quality of horticultural products, chemical pesticide-free horticulture, sustainable use of pesticides and their residues analysis, urban horticulture	USAMV
12.00 - 12.30	Video materials and the learning platform. Lessons learned form the learning, teaching and training activities	USAMV
12.30 - 13.30	Lunch	USAMV
13.30 - 15.30	Visit of the Research Center for Studies of Food Quality and Agricultural Products or screening "The need to grow"	USAMV
15.30 - 18.00	Visit Indagra international Expo	Romexpo

About Hort4EUGreen Project

Hort4EUGreen is a 36 months project aiming to train European higher education graduates and its teaching staff by enhancing their practical skills in key areas related to Europe Green Deal, e.g., nutritional quality of food, pesticide analysis, urban horticulture, biodiversity monitoring. The aim is to increase the young generations' employability and personal development and reduce the "growing mismatch" with labor market.

Intellectual outputs

Nutritional quality of horticultural products
Chemical pesticide-free horticulture
Sustainable use of pesticides and their residues monitoring
Urban horticulture

Sustainable use of pesticides. Easing the way for a chemical-free horticulture
Urban horticulture, a tool for a better living environment
Hort4EUGreen Online learning platform

Multiplier events

European Green Deal implications in horticulture learning, teaching and training activities
USAMV Bucharest

Contribution of the European Green Deal for development of horticulture in Bulgaria.

Learning, Teaching, Training Activities

Short-term joint staff training events

1. Challenges of sustainable use of pesticides - Ankara
2. Present and future in pesticide residues analysis, Budapest
3. Current status and perspectives of urban horticulture, Sofia
4. Relation between nutritional quality of foods and pesticides, Bucharest

Intensive training

1. Intensive training on pesticide residues analysis – Budapest

Summer schools

1. "Harmonizing South Eastern European countries skills for "a pesticides-free environment" Summer School – USAMV Bucharest
2. Urban Horticulture – UF Sofia



Partners
Romania
Universitatea de Științe Agronomice și Medicină Veterinară din București,
University of Agronomic Sciences and Veterinary Medicine of Bucharest



Bulgaria
Lesotekhnicheski Universitet,
University of Forestry, Sofia



Hungary
Magyar Agrár- és Élettudományi Egyetem,
Hungarian University of Agricultural and Life Sciences



Turkey
Zırai Mucadele Merkez Arastirma Enstitusu Mudurlugu,
Directorate of Plant Protection Central Research Institute, Ankara

We target higher employability chances for the master and doctoral students, by including new "requested by the market" topics in the already recognized master programs and by enhancing students' skills and knowledge in respect to the new Green EU policy!



About USAMV Bucharest

“an university for life and agriculture through top quality education and research”

The University of Agronomic Sciences and Veterinary Medicine of Bucharest (USAMV) is the oldest and largest institution of higher agronomic education in Romania, founded in 1852, where the tradition and modernity successfully meet.

Our university provides BSc, MSc and PhD education and scientific research activities in order to train top specialists whose competences meet the demands of the labor market in the fundamental fields of "Engineering Sciences" and "Biological and biomedical sciences".

Currently, the university consists of 7 faculties (Agriculture; Horticulture; Animal Productions Engineering and Management; Veterinary Medicine; Land Reclamation and Environmental Engineering; Biotechnologies; Management, Faculty of Management and Rural Development) and 2 branches (in Călărași and Slatina), comprising 12,000 enrolled students, and multidisciplinary research laboratories as well as a greenhouse, all designed to European standards, providing competitiveness both at national and international level.

USAMV belongs to the network of public higher education institutions recognized with the “High level of academic trust” award in 2010, which programmes of study are accredited/authorized.

Why USAMV Bucharest



Because we are leaders in higher education, with unique and varied curricula.



Because food security has a major social and economic impact.



For the numerous jobs available immediately after graduation at national or international level.



Because climate change brings unprecedented challenges and opportunities for the agricultural sector.



Because we need to produce food in a sustainable way while protecting the environment.



4000+
Places in modern
hostels/university
dormitories



~45 ha
Most beautiful campus
in Romania



Teaching and research spaces, two unique teaching and experimental stations, namely Pietroasa-Istrița and Moara Domneasă.

About the Research Center for Studies of Food Quality and Agricultural Products

The Research Center is the newest research infrastructure of University of Agronomical Sciences and Veterinary Medicine of Bucharest, as a result of the project POSCCE ID_931, SMIS-NSRF, code 14051. This modern *state-of-the-art* research and development infrastructure brings together 13 research laboratories, newly created, equipped at the highest European standards, with 200 equipment and a glass research greenhouse, completely automated, with self-control functions. These laboratories are:

1. Laboratory of integrated fruit growing
2. Laboratory of molecular virology
3. Laboratory of plant multiplication
4. Laboratory of diagnosis and plant protection
5. Laboratory of post-harvest technologies
6. Laboratory of agrochemistry
7. Laboratory of management, IT and econometry
8. Laboratory of sensorial analysis
9. Laboratory of physico-chemical analysis
10. Laboratory of microscopy and plant anatomy
11. Laboratory of plant physiology
12. Laboratory of molecular plant biology
13. Laboratory of molecular plant physiology

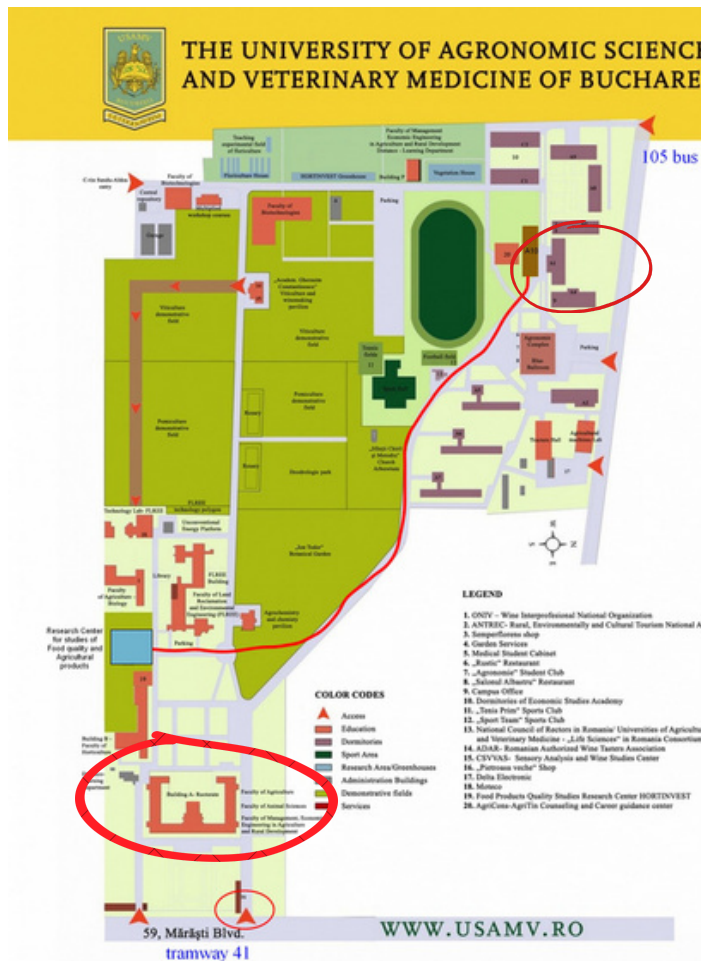


The Research Center goal is to develop a multidisciplinary, interdisciplinary and transdisciplinary scientific approach, with open access to the quality services for agri-food products, from the ecosystem level to the molecular level with control points on the production/processing/storage chain, and in the context of the circular bioeconomy.

[www.qlab.ro](http://www qlab.ro)

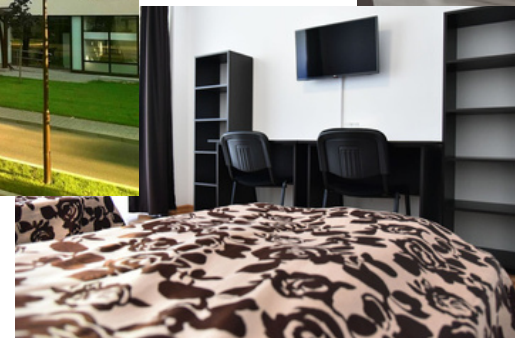


Accommodation



If you are coming from abroad or from another Romanian city, the best accommodation option should be in the USAMV campus, at 10 minutes walking distance from the workshop venue, in the A10 hostel. The accommodation for participants outside of Bucharest is supported by the Hort4EUGreen project.

Still, the number of places for foreign participants is limited to 15, and to 30 from Romanian territory. In order to have your accommodation secured, please register (see next page). Meals are included in the workshop training for all participants.





We are looking forward to seeing you!

