



AgriTech Solutions: Innovating VET for Sustainable Agriculture
 AgriTech Solutions: Innovative VET for sustainable agriculture
 AgriTech Solutions: Innovative VET for Sustainable Agriculture
 2024-1-RS01-KA210-VET-000244168

REPORT

For the field visits carried out, the discussions with experts and the available literature

The professors from Serbia worked on all five areas, while at the same time one professor was in charge of each area separately and collected reports from their colleagues on the given topic. Nevenka Rilak was in charge of organic farming, Ljubinko Stefanović was in charge of the use of modern technologies in agriculture, Milana Marinković was in charge of renewable energy sources, Danica Marković was in charge of sustainable agricultural practices, and Stanje Krstić was in charge of precision agriculture. The professors were in charge of researching the available literature, conducting field visits, and talking to experts. In this research, 10 literary sources were collected for each of the above-mentioned areas, 5 field visits were carried out for each area, and 5 different experts from each area were interviewed.

The conclusions reached after the field visits and discussions with experts are the following:

Based on the above examples and analysis, it can be concluded that organic and sustainable agriculture represent an important direction of development of modern food production, but also a significant educational opportunity for students in agricultural schools. Examples of good practice, such as the Ivanović winery, the Šumatovac Biotechnology School with hydroponic production, as well as the Petrović farm, show that it is possible to successfully combine traditional

knowledge with modern technologies, with the preservation of natural resources and economic viability. Modern production systems enable students to acquire practical knowledge, monitor all significant parameters of plant growth and development, as well as understand the entire production cycle. Although such systems require significant initial investments, their advantages are seen in the reduced need for labor, greater efficiency and product quality. In addition, the development of organic production, including crops such as rosehip and the processing of final products within local communities, contributes to strengthening the rural economy and sustainable development. The acquired knowledge and experiences represent a solid foundation for further education and raising awareness of

the importance of a responsible attitude towards the environment and the production of healthy food.



Funded by
the European Union





AgriTech Solutions: Innovating VET for Sustainable Agriculture
AgriTech Solutions: Innovative VET for sustainable agriculture
AgriTech Solutions: Innovative VET for Sustainable Agriculture
2024-1-RS01-KA210-VET-000244168

The analysis of the available literature shows that there is a significant number of quality and relevant sources that provide a reliable basis for the development and advancement of organic agriculture and related areas. Thanks to the work of numerous authors, beginners in organic production are enabled to apply already proven solutions, which greatly facilitates the complex process of acquiring organic status of the product. The aim of this activity is to provide a thorough

professional and scientific approach, based on relevant data, scientific research and proven practical experiences.

The combination of electronic sources and professional literature allows quick access to current information, but also a systematic insight into individual areas, which is of exceptional importance for teachers, pupils, students, producers and the general public. The special value of literature is reflected in its adaptation to domestic conditions and needs, as well as in its contribution to the development of

environmental awareness, sustainable production and knowledge transfer in the vocational education and training system. However, as a perceived shortcoming, the obsolescence of certain data can be highlighted, especially in the area of plant protection, which indicates the need for continuous updating of the literature in accordance with new scientific knowledge and technological achievements.

The minutes were compiled by

Katarina Zharkovikj



Funded by
the European Union

