Training of

Up-to-date Competences for Teachers in Multifunctional Agriculture

MODULE 1: Flexible Teacher

Activity Handout 1

Unit title	**Practical examples of IoT and AI in agriculture**
No. of Activity: 3.2	Duration: 40 min
Learning outcomes:	Analyse the role of digital technologies in MA, with the aim of making the teaching process more flexible
Aim of activity	To establish a teaching process that encourages active learning. Recognise the importance of interdisciplinary approach in teaching by connecting knowledge from the fields of digital technologies, economics and MA
Name of activity	**Creative Use of Digital Technologies in MA**
Material Required:	Miro, Computer, internet access
Step-by-step instructions of activity	1. Form small groups of four. 2. Choose one area of agriculture. 3. Open Miro. 4. Come up with different ways to use digital technologies in area you have chosen. 5. Present your results to the whole group.
References/ Sources	https://miro.com/

Activity Handout 2

Unit title	**Practical examples of IoT and AI in agriculture**
No. of Activity: 3.3	Duration: 40 min
Learning outcomes:	Compare usage of different digital tools in leverage the productivity in MA
Aim of activity	To establish a teaching process that encourages active learning. Recognise the importance of interdisciplinary approach in teaching by connecting knowledge from the fields of digital technologies, economics and MA
Name of activity	**Development of Digital Support in MA**
Material Required:	Miro, Computer, internet access
Step-by-step instructions of activity	1. Form small groups of four. 2. Look for the facts about fava beans farming. 3. Open Miro. 4. Brainstorm and develop a concept for digital tool technology that can support farmers in cultivating fava beans more efficiently or productively. Use the digital tools and innovations discussed in the presentation to guide your ideas. Key considerations: Who will use this tool? What specific farming challenges does the tool address? What digital technologies will the tool leverage? How will this tool improve the productivity or efficiency of fava bean farming? 5. Present your results to the whole group.
References/ Sources	https://miro.com/