*MiroBoard Link:*

[*https://miro.com/welcomeonboard/lJwDxM0AJn1itOrjNuZur9jgQap9Deo0WZbsSIyu7mmuAqoJ7JgT2v9Q7b63tvge*](https://miro.com/welcomeonboard/lJwDxM0AJn1itOrjNuZur9jgQap9Deo0WZbsSIyu7mmuAqoJ7JgT2v9Q7b63tvge)

**Technician for agricultural digitalisation + Agriculture / Digitalisation**

*Complete the table below.*

|  |  |
| --- | --- |
| **Code** | Later defined by Esco |
| **Description** | to advise farmersTo provide a farm analysis to choose between options for digitalisation of a taskto provide technology solutions and combine different optionsto know the principles of precision farming applied to crop cultivation |
| **Alternative label** | Later defined by Esco |
| **Regulatory Framework** |  |
| **Hierarchy** | Later defined by Esco |
| **More specific professions** | Technician for analysis of agricultural dataagricultural drones, robotics operator and/or engineer |
| **Essential skills** | ICT essentialsAnalytical, critical, and creative thinkingOrganisation, planning, visioning, and strategic thinkingImplementation of a data transfer systemto know the general technical principles and options for digital agricultureto be able to use digital technologies in practiceUse of LCA tools (examples of commercial software tools)Problem solving through digital toolsImplementation of Farm Management Information SystemsLegal framework for operating a farmLegal framework when using autonomous machinerycombining state-of-the-art technologies Use of Field operation management systemsUse of digital organisation tools |
| **Essential knowledge** | to have knowledge about general agriculture principles (whole production chain)basic economical/management aspects of circular economyto have general ICT knowledgeto search for companies offering machinery with digitalisation toolsto know about the advantages and disadvantages of each available technology (assessment criteria)basic knowledge on GISlife cycle assessment (LCA) aspectsknowledge on Decision Support System (DSS)knowledge on FIS Virus protection Data backups  |
| **Optional skills** | big data handling & processinguse spreadsheets softwareuse of robots, dronesprogrammingGPSCommunication |
| **Optional knowledge** | use of particular software toolsuse specific data analysis softwaremanage digital documentse-commercedata protectionPrecision farmingweather forecast knowledge and/or tools |
| **State** |  |
| **Concept URI** |  |