*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 farmers  To provide a farm analysis  to choose between options for digitalisation of a task  to provide technology solutions and combine different options  to 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 data  agricultural drones, robotics operator and/or engineer |
| **Essential skills** | ICT essentials  Analytical, critical, and creative thinking  Organisation, planning, visioning, and strategic thinking  Implementation of a data transfer system  to know the general technical principles and options for digital agriculture  to be able to use digital technologies in practice  Use of LCA tools (examples of commercial software tools)  Problem solving through digital tools  Implementation of Farm Management Information Systems  Legal framework for operating a farm  Legal framework when using autonomous machinery  combining state-of-the-art technologies  Use of Field operation management systems  Use of digital organisation tools |
| **Essential knowledge** | to have knowledge about general agriculture principles (whole production chain)  basic economical/management aspects of circular economy  to have general ICT knowledge  to search for companies offering machinery with digitalisation tools  to know about the advantages and disadvantages of each available technology (assessment criteria)  basic knowledge on GIS  life cycle assessment (LCA) aspects  knowledge on Decision Support System (DSS)  knowledge on FIS  Virus protection  Data backups |
| **Optional skills** | big data handling & processing  use spreadsheets software  use of robots, drones  programming  GPS  Communication |
| **Optional knowledge** | use of particular software tools  use specific data analysis software  manage digital documents  e-commerce  data protection  Precision farming  weather forecast knowledge and/or tools |
| **State** |  |
| **Concept URI** |  |