PRECISION FARMING SPECIALIST FARM

Skills

- Analysis of the regulatory framework of the target market
- Analysis of the supply chain and its requirements
- Examination of the main IT and statistical tools essential for managing
- Organizational structures and implementing innovative management models (precision farming, DSS -Decision Support System).
- Creation of a service for knowledge transfer
- Design of studies and research
- Development of a management system for precision farming
- Creation of a supply chain plan for precision farming
- Management of technical and operational documentation for equipment, machinery, and raw materials
- Implementation of a corporate Big Data system and indicators for data analysis

Competencies

- Apply procedures and techniques to gather contextual information and legislation.
- Assess contextual factors influencing the demand for precision farming.
- Apply techniques for analyzing demand and market trends.
- Basic knowledge of chemistry, physics, and biology.
- Basic knowledge of botany and sector-specific features, etc.
- Familiarity with machinery, equipment, professional profiles, and technologies in the sector.
- Understanding of business and work organization within agricultural enterprises.
- Techniques for planning production processes.
- Basic knowledge of cost accounting
- Basic computer literacy

Results

- Development and automation of machinery, equipment, and services for the agricultural sector, adequately prepared according to project technical documentation and prescribed procedural standards

Indicators

- Interpretation of plant diagrams and layouts
- Selection of IoT components
- Knowledge of communication protocols (BUS)
- Verification of the functionality of automated devices and equipment
- Setting up the work plan for product automation