

DEEP FARM

General Plan

- The Context
- Partners
- The vision
- Pilot Farms
- The Origin : Plug Farm

- **DEEP FARM** is an Erasmus+ Capacity Building project (2023-2025)
- Its mission is to build digital agriculture capacity in partner countries by training a new generation of AI-skilled agronomists and data/AI engineers.
- It relies on an innovative bridge between computer science and agronomy.
- Built on BIHAR, ESTIA's international MSc in Big Data and artificial Intelligence and Its Online version e-BIHAR



DEEP FARM



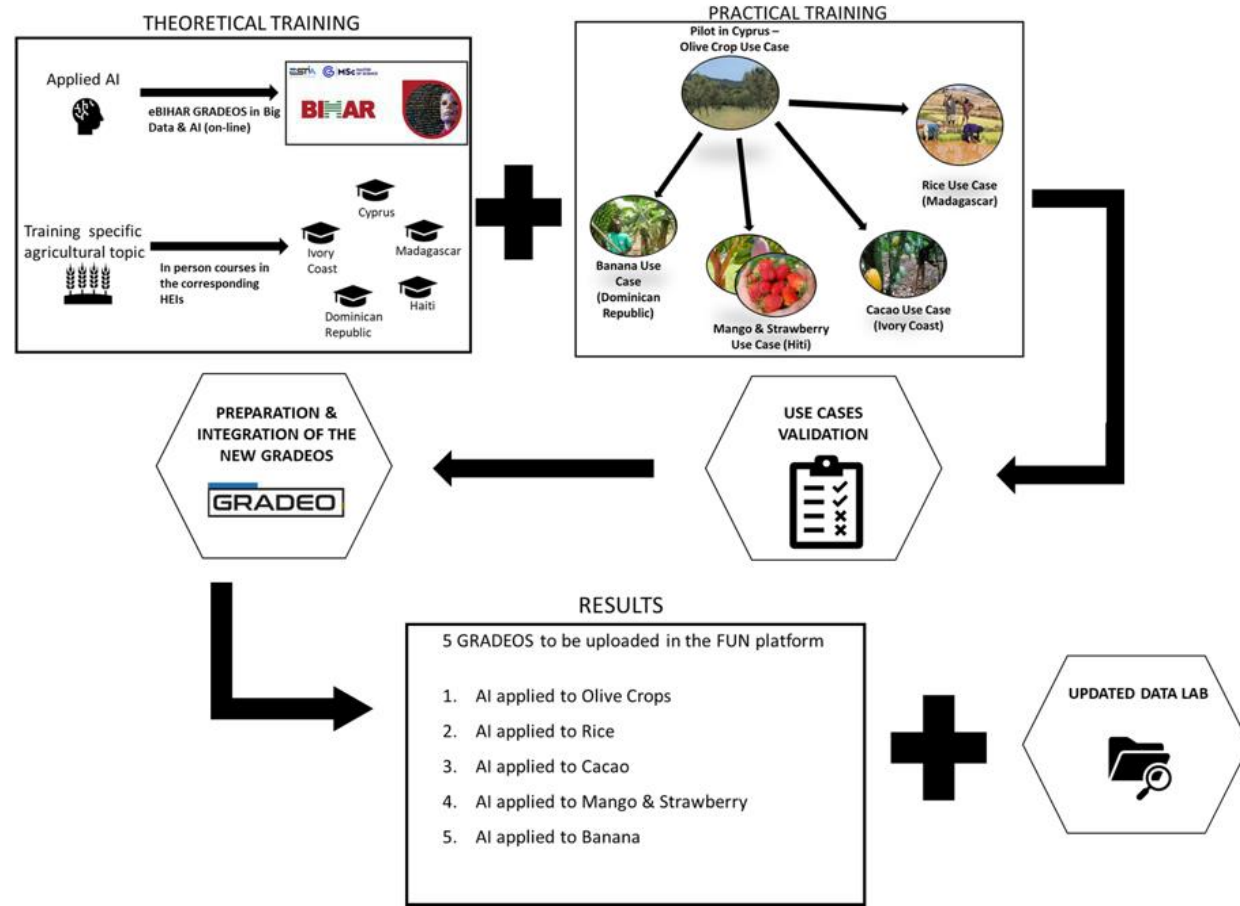
Funded by the
European Union

Partners



The Vision

- Theoretical Training
 - Applied AI Training
 - Agriculture-specific training
- Practical Training Through Pilot Use Cases
- Use-Case Validation
- Creation & Integration of New GRADEOs
- Updated DATALAB database



Pilot Farms

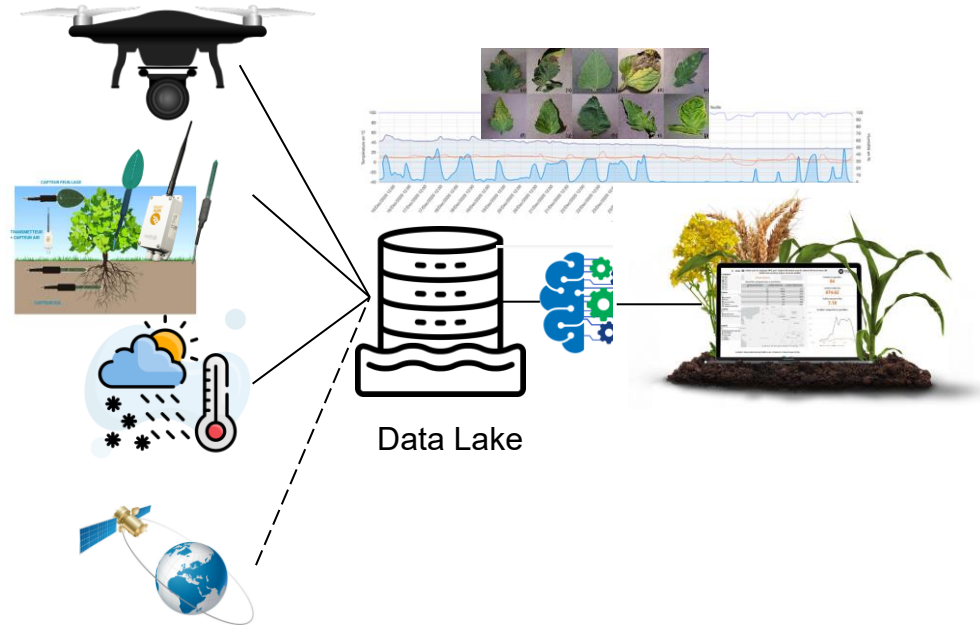
Using :

- IOT
- Agronomist expertise
- Artificial Intelligence :
 - Computer Vision
 - Time series Analysis
 - Multimodal Data fusion

To :

- Irrigation optimisation
- Crop Diseases Identification
- Crop Yields prediction

Generic IoT/AI experimentation platform



Plug Farm V0 : The origin

