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SMART FARM & AGRI-ENVIRONMENTAL BIG DATA VALUE



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About AgriDataValue

Targeting the new Common Agricultural Policy (CAP) implementation, AgriDataValue will drive developments in Smart Farming, Precision Farming, Agri-Environmental monitoring and strengthen the Agricultural Digital Transformation at European Level. The project will implement a specialized digital platform for upscaling (real-time) sensor data for EU-wide monitoring of production and agri-environmental conditions. Beyond storage efficiency and semantic interoperability, the multi-technology platform will combine state of the art Big Data/Artificial Intelligence frameworks and Data-Spaces' Technologies (BDVA/IDSA/GAIA-X) with agricultural knowledge, agri-environment policies and farmers' engagement campaigns.

AGRIDATAVALUE IN NUMBERS

- 23 Pilots in 9 Countries
- Representing More than 181,000ha
- 25 Types of Crops that Span from South-West to North-East Europe
- More than 2,000 animals of 5 types.
- More than 4,500 additional Sensors will be Installed

- Technological superiority
- Scale of deployment
- Comprehensive end-to-end multi-actor involvement



**SMART FARM
& AGRI-ENVIRONMENTAL
BIG DATA VALUE**

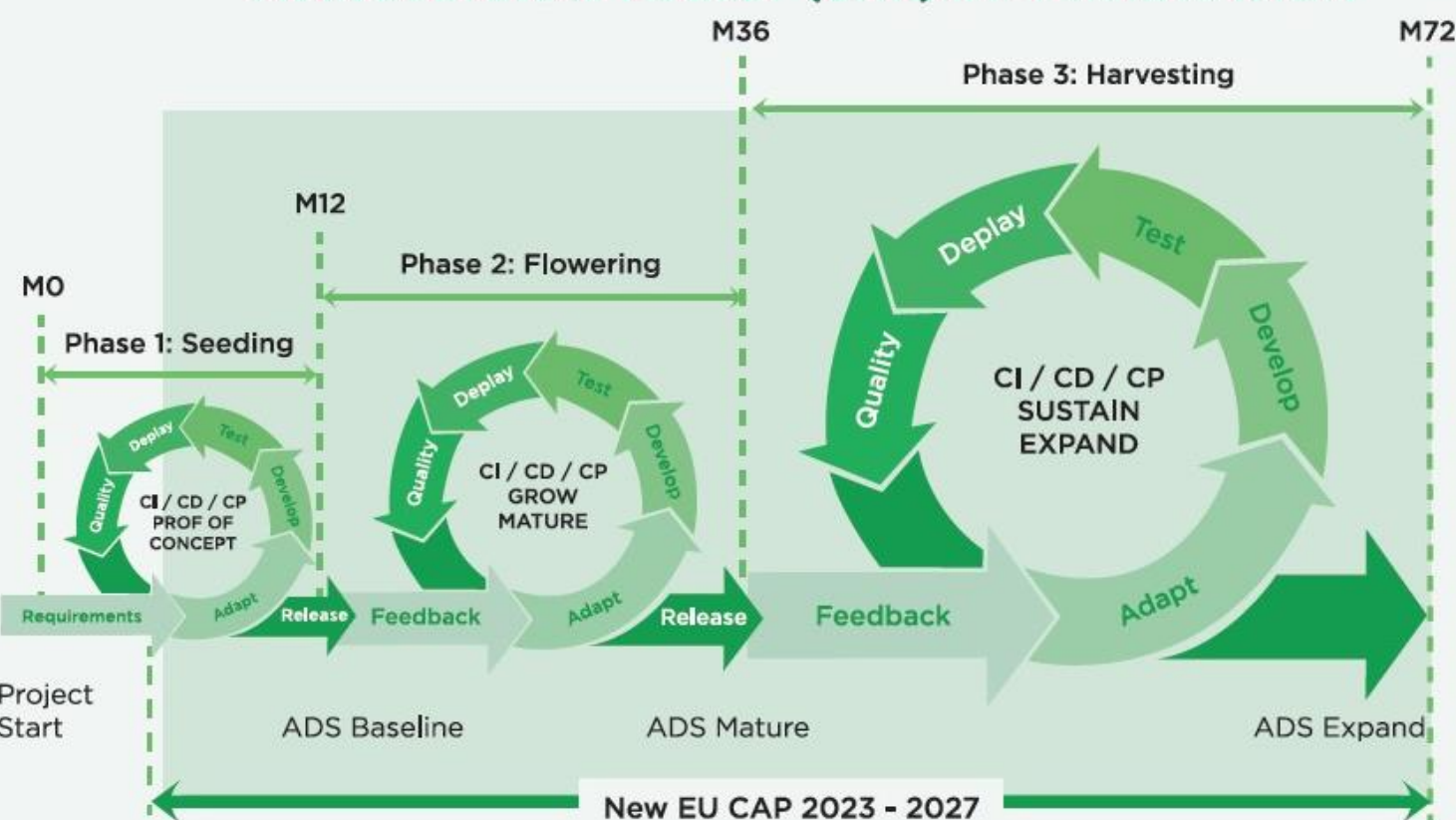
Introducing an innovative, open source, intelligent and multi-technology, fully distributed Agri-Environment Data Space (ADS).

**Smart Farming digital transformation
Agri-environmental monitoring**

FOLLOWING A BOTTOM-UP APPROACH, AGRIDATAVALUE UTILIZES 5 BUILDING BLOCKS:



TARGETING THE NEW COMMON AGRICULTURAL POLICY (CAP) IMPLEMENTATION



AgriDataValue Project Phases