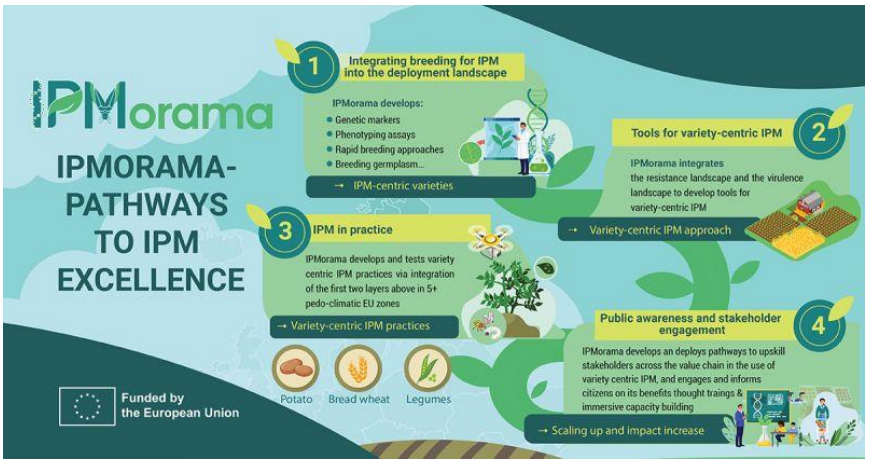
inov3PT
SEED POTATO
FOR THE FUTURE

IPMorama

Integrating breeding for IPM into the deployment landscape for wheat, potatoes and grain legume



Abstract

The societal and policy basis of food production in Europe is changing. Driven by a global need to respond to climate change, the European Green Deal seeks to make Europe carbon neutral by 2050 whilst pursuing «sustainable and inclusive growth strategies». The IPMorama project aims to create a more sustainable food production system by reducing pesticide use and expanding organic farming in the European Union. This will be achieved by developing a "practice ecosystem" that promotes the breeding and adoption of crop varieties designed to support Integrated Pest Management (IPM) for key diseases and pests in wheat (rust pathogens), potatoes (early and late blight) and grain legumes (soybean, white lupin (anthracnose), and pea (broomrape)).

What IPMorama does ?

1. Understand genetic composition of varietal resistance in target crop/pest systems
2. Understand and map the landscape level distribution of the target pests/pathogens
3. Develop specific integrated pest management practices
4. Develop the knowledge infrastructure for competent use of variety-centric IPM
5. Understand opportunities and barriers for sustainable exploitation of the above

TECHNICAL MEMO

Call for projects:
HORIZON-CL6-2023-BIODIV-01

Project leader:

eagasc
Agriculture and Food Development Authority
Dan Milbourne

Project duration: 48 months

Start/End of project:
01/09/2024 – 31/08/2028

Partners:

- Aarhus University
- Wageningen University & Research
- Foodscale Hub
- INRAE
- Consejo Superior De Investigaciones Cientificas
- Consiglio per la ricerca in agricoltura e l'analisi de l'economia agraria
- Societa Italiana Sementi
- Saka
- Bayerische Landesanstalt für Landwirtschaft
- GEVES
- AgriFood Lithuania
- inov3PT
- The James Hutton Institute
- Institut de Recherche de l'Agriculture Biologique FiBL
- WBF-Agroscope

Financial support :

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Project website:
https://ipmorama.eu/

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