Project co-innovation and dissemination

Will interact with different groups of stakeholders: farmers and extension services; industries active in the field of IPM, policy makers, consumers, NGOs and scientists.

with co-innovation
Approach and methodology which combines innovative systems analysis and learning

during events
Congresses, conferences, participative field visits, local training

on a website
Where you can find information on the project outcomes, documents and virtual farm visits.

Acknowledgement: the PURE project is supported by the European Commission through the Seventh Framework Programme under contract number 265865

PURE Coordinator:
Françoise LESCOURET, INRA, francoise.lescourret@avignon.inra.fr

PURE Manager:
Baldissera GIOVANI, INRA Transfert, baldissera.giovani@paris.inra.fr

PURE partners countries

Pesticide Use-and-risk Reduction in European farming systems with Integrated Pest Management

www.pure-ipm.eu
Integrated Pest Management (IPM) is a sustainable approach to managing pests by combining biological, cultural and chemical tools in a way that minimises economic, environmental and health risks.

Practical tools and knowledge are required to develop novel integrated pest management solutions.

Design - Assessment - Adjustment cycle
The process of IPM solutions design will follow the cycle: design with stakeholders and input of new knowledge and technology, ex-ante assessment, on-station and on-farm experimentations, ex-post assessment and evaluation of technologies.

> delivers improved and innovative concepts, methods and tools for the development of integrated pest management solutions
> reduces dependency on pesticides while maintaining the competitiveness of European agriculture
> meets the demands for lower environmental impact and safer food
> supports integrated pest management in the challenging context of globalization and climate changes
> supports EU plant protection policies

**Project objectives and impacts**

**On Six cropping systems**

annual crops
- Winter wheat based cropping systems
- Maize based cropping systems
- Field vegetables (Cabbages)

perennial crops
- Pomefruit
- Grapevine

protected crops
- Tomato

1and3: Non-chemical methods (mechanical, biocontrol) and Pest evolution
2: Ecological engineering - 4: Emerging technologies
Socio-economic and environmental sustainability assessment

**pure** addresses plant protection across a set of crops that collectively represent 87% of the volume of pesticides used in Europe.