

# **Towards more coordinated IPM research in Europe: the C-IPM ERA-NET**

**Antoine Messéan & Jay-Ram Lamichhane, INRA**

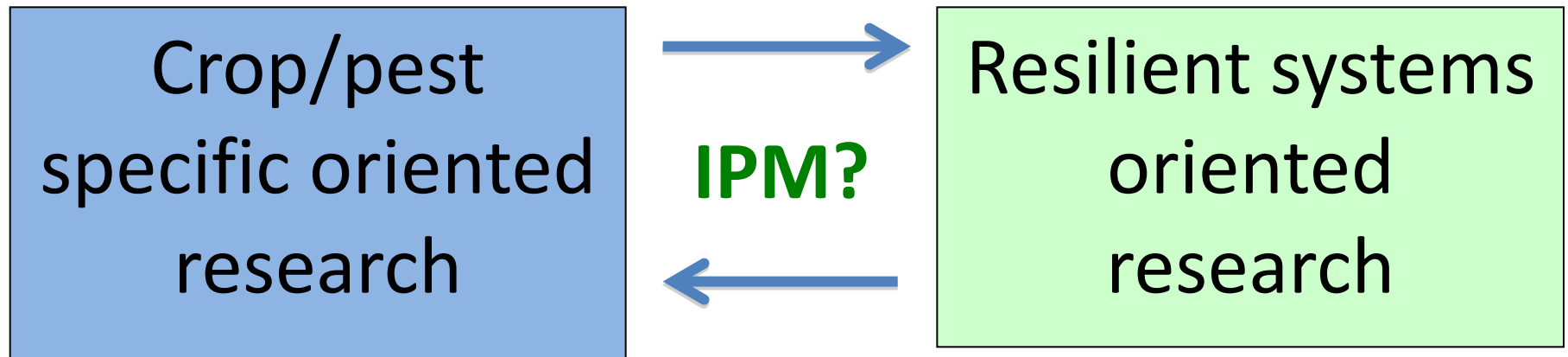


# Context and challenges

- IPM principles to be implemented from 2014
  - All member states facing the same challenge
  - Dynamic nature of IPM is challenging R&D
- PURE has been addressing key IPM-related challenges but further investment needed
  - Assessment and design tools
  - Co-innovation and involvement of stakeholders
  - Upscaling from pilot farms to large-scale uptake
- Defragmentation of research still to be achieved
  - Both between countries and between disciplines
  - Current research still too much crop-specific oriented

→ Need for a long-term strategy and forum to capitalize

# Towards a new paradigm?



# IPM and the European Research Area

## Collaborative research projects under EU-funded programmes



A consortium of European **R&D organisations** which aims at integrating their strategies about IPM



A network of **programme funders** across Europe to coordinate National IPM-related programmes

- Become a major European reference point on crop protection
- Constitute a forum for the launching of EU R&D projects
- Play a leading role in building momentum on IPM-dedicated research at the EU level
- Improve R&D efficiency by sharing research capacities and competences

### **Research**

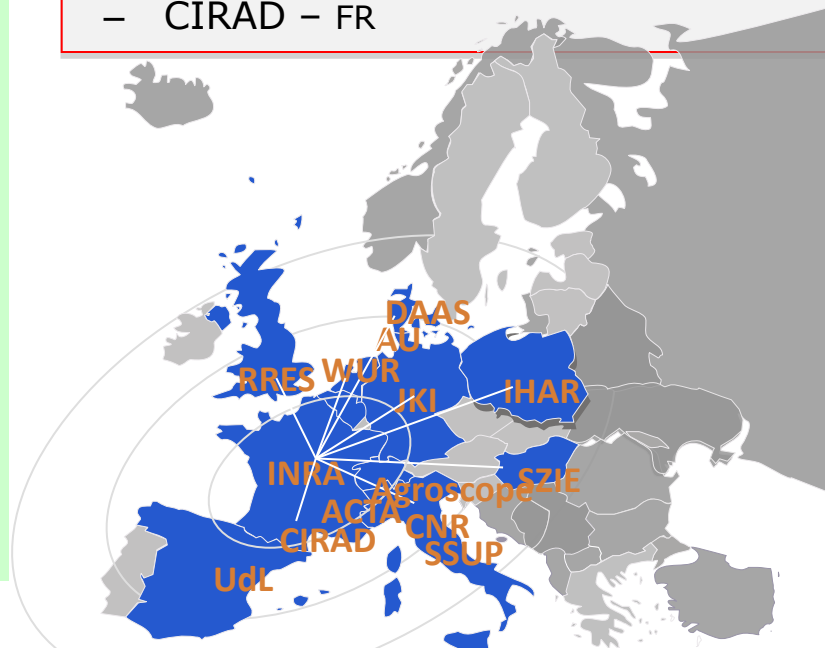
- INRA - FR
- WUR - NL
- JKI - DE
- JHI - UK
- RRes - UK
- CNR - IT
- Agroscope - CH
- IHAR - PL
- CIRAD - FR

### **Extension**

- VfL - DK
- ACTA - FR

### **Education**

- AU - DK
- SSSA - IT
- SZIE - HU
- UdL - ES



2007

4 years of EC financial  
Support



2010



ENDURE ERG: self  
funded Network  
(14 founding  
members)



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## ■ Diversifying crop protection

"Providing information, tools and services to scientists, policy and farm advisers, and trainers concerned with Integrated Pest Management." More information at [What is ENDURE?](#)

### Latest news

#### Europe set to 'inspire IPM'

Europe is set to become a source of 'renewed inspiration' for Integrated Pest Management (IPM) in conventional agriculture in industrialised countries, according to ENDURE experts, broadening its remit to include all pest categories.

#### Many roads towards sustainable crop protection

Inspired by the discussions held during ENDURE's 2012 Summer School focusing on the use of agroecology for crop protection on European farms, Alain Ratnadass and Marco Barzman, two of the course's experts, have produced a chapter examining a number of historical pathways aiming at fitting crop protection within sustainable agriculture.

#### Country Profile: Italy

Our sixth Country Profile is dedicated to Italy, where efforts to reduce the risk and impact of pesticides can be traced back almost 40 years. Italy's application of the 'Pesticides Package' regulations relies heavily on the country's 20 regions and two autonomous provinces for introducing IPM practices appropriate for that area's specific crops.

#### Filling gaps in research and knowledge exchange

The ERA-NET C-IPM is setting the stage for a coordinated effort to prepare calls for research and knowledge exchange in Integrated Pest Management (IPM) in Europe. Existing research, infrastructures and capacities in Europe have been mapped and analysed.



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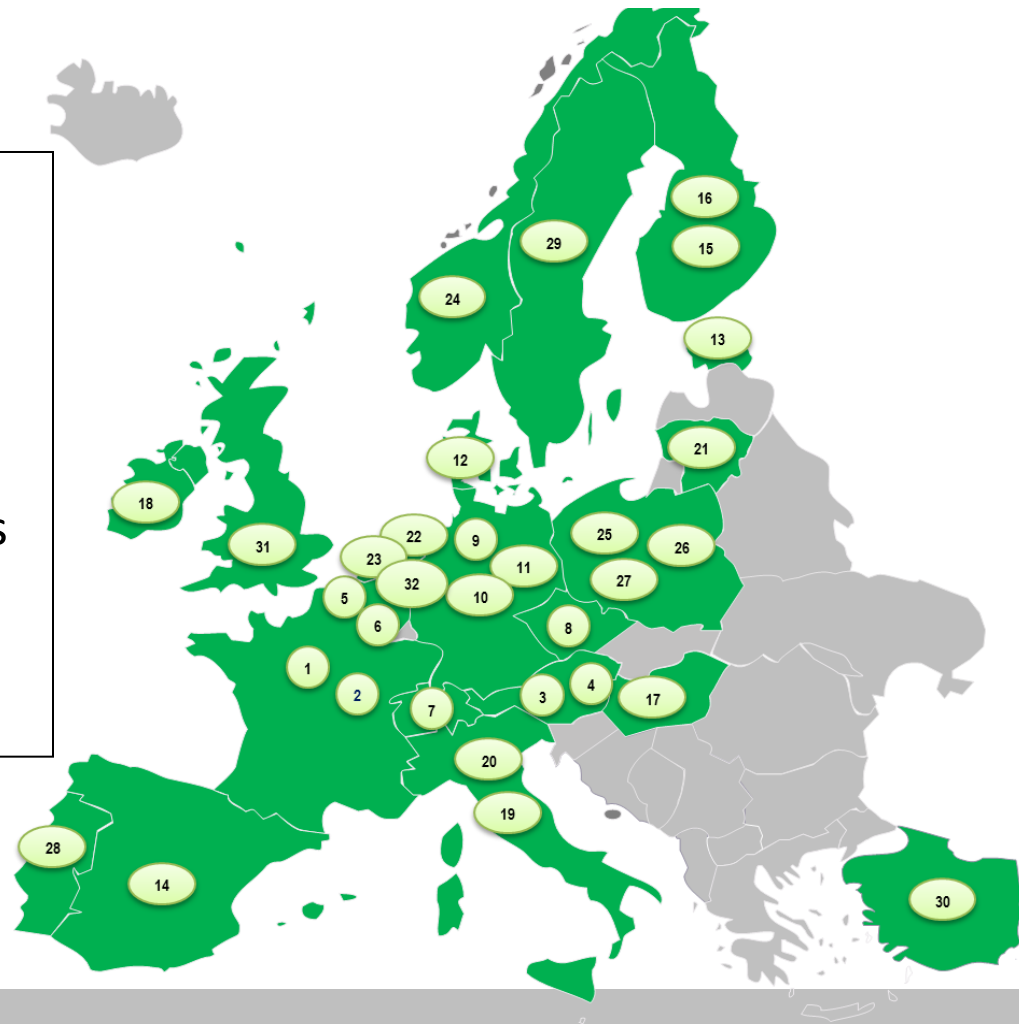
▶ [EuroWheat](#)

▶ [QuantiPest](#)

▶ [EuroBlight](#)

▶ [NEW! Links to other research projects](#)

- ERA-NETs aim to step up the cooperation and **coordination of research activities carried out at national or regional through**
- Not a research project but a consortium of programme funders and managers;
- Duration 3 years (2014 – 2016)



# C-IPM objectives

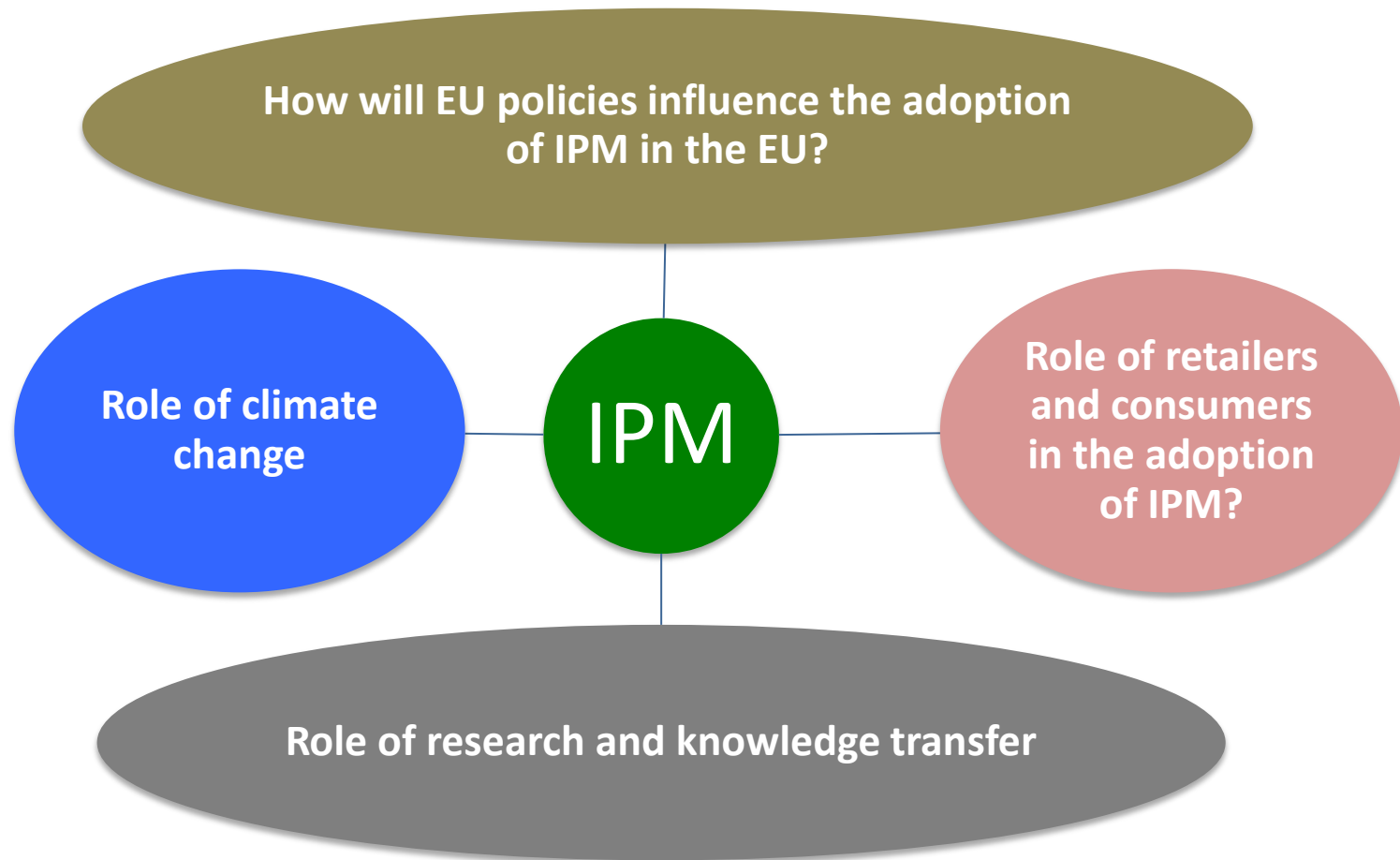
- Create synergies from investments in National research programmes, European initiatives, and private sector activities in the areas of IPM and minor uses
- The specific objectives are to:
  - Identify synergies and gaps in existing national and transnational programmes
  - Define a specific strategic research agenda for IPM in Europe
  - Organise and fund joint transnational calls
  - Ensure better translation of National and European IPM-related programmes into applicable innovations



# Build a Strategic Research Agenda for IPM in Europe (2015)

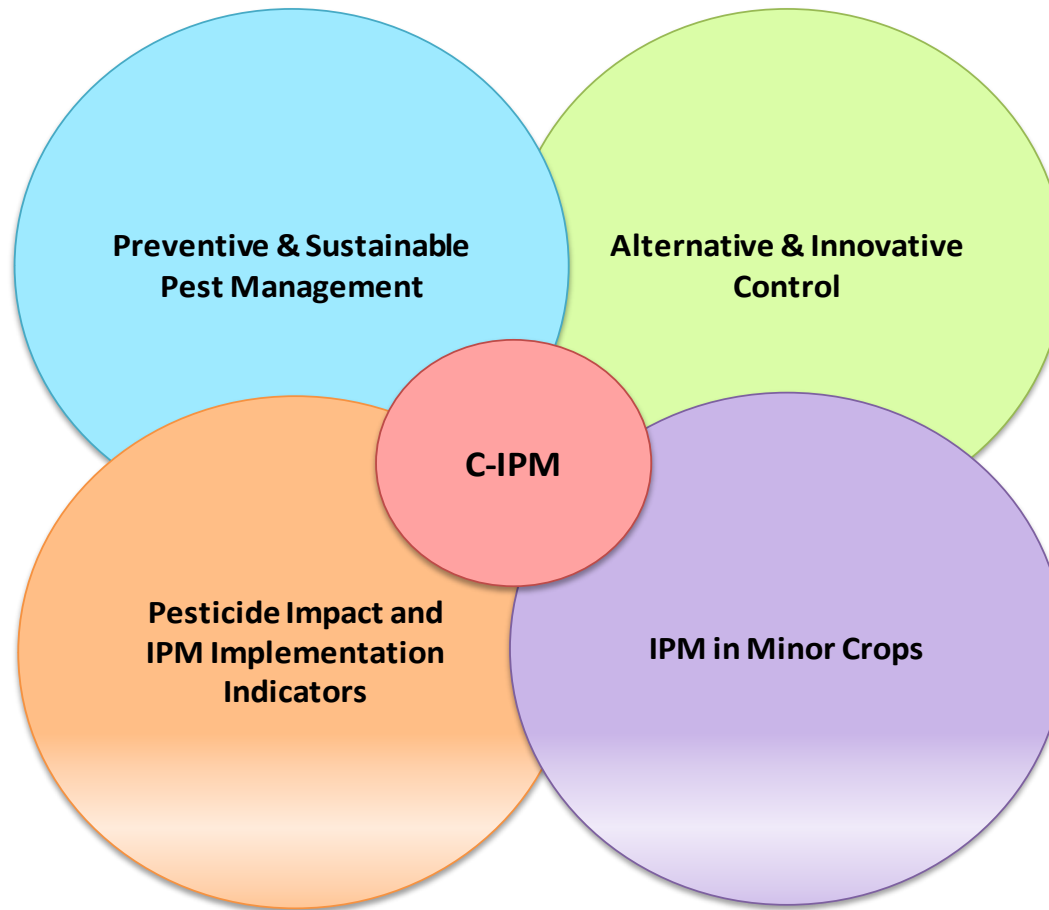
- Map and analyze existing national programmes, which facilitate research and extension strategies;
- Map existing infrastructures related to IPM;
- Assess to what extent these existing national IPM activities could be better coordinated;
- Identify future research needs;
  - Thematic workshops
- Liaise with stakeholders and resource groups
  - Including other ERA-NETs like Euphresco
- Identify those R & D activities that need to be developed and/or coordinated.

# Drivers for IPM



(C-IPM workshop, Berlin, Oct. 2014)

# SRA core themes



# Joint transnational activities

- Launch competitive calls funded by National bodies
  - Call 2015 & call 2016 (5-6 M€ each)
- Link up existing projects/programmes
- Network infrastructures
  - Long-term IPM field experiments (e.g. PURE)
  - Reference/demonstration farms
  - Databases (DNA sequencing, web-based platforms etc.)
  - Forecasting and monitoring systems
- Facilitate personnel exchange

# Timeframe

- Strategic Research Agenda for IPM
  - Public consultation in February
  - Workshop in Paris (18 March 2015)
  - Final version in December
- Second thematic workshop on drivers
  - Role of existing and new technologies (June 2015)
- First C-IPM call (May/June 2015)

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## News



2014.12.13 | MEETING

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WED  
14  
JAN

## Events

**09:00-17:00** | Poznan, Poland  
IPM Innovation in Europe - PURE congress  
The PURE congress will be held in Poznan, Poland in January 2015.

SEE CALENDAR

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What is IPM?





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