



## Operational Group:

FitoAgro - Methodology and tools for a better management of new key pest of the pear and apples in the West region.

*FitoAgro - Metodologia e ferramentas para uma melhor gestão de novas pragas chave da pera e maçã na região Oeste.*

### Practical problem

The exit of active substances, which leaves enemies uncovered and the need to develop alternative strategies to chemical control; climate change that causes changes in the enemy life cycles, which leaves to the adaptation of the forecast models and as well as the entry of new enemies for which it is necessary to define control methodologies.

### Partners

#### Type:

Research/Teaching

Agri association

Agri enterprise

#### Name:

ISA - Instituto Superior de Agronomia; ESA de Santarém; ESA de Castelo Branco; Universidade Nova de Lisboa

Coopval, CRL; Associação de Produtores Agrícolas da Sobrena; Cooperativa Agrícola do Bombaral, CRL; Frubaça, CRL; COTHN – CC

Frutus, CRL; Granfer; Ecofrutas, Lda; CPF - Centro de Produção e Comercialização Hortofrutícola

### Project

#### Objectives:

Define risk assessment methods, economic thresholds and decision-making rules for the new key pests of the pear and apples in the West Region, based on the biological and meteorological data, collected in the Biological Observation Stations of the producers partners of this Operational Group (OG).

#### Expected results:

Define and disseminate to field technicians and growers, by digital media and leaflets, information on: biological characteristics of emerging enemies;  
Risk assessment and economic threshold to support farmers' decision-making;  
Biological and biotechnical control means, alternative to chemical control;  
Risk maps and forecasting validated models.

#### Results so far/first lessons:

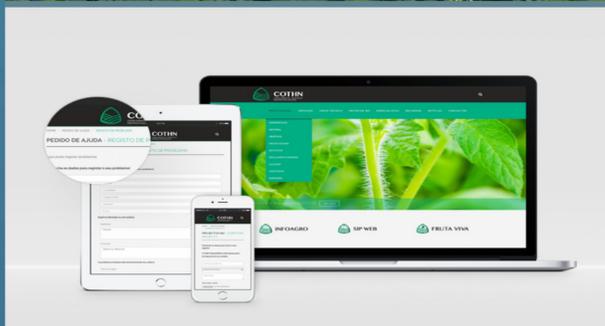
This OG has advanced so far because it focused on analyzing existing information that resulted from previous projects.

#### Who will benefit:

Pear and apple producers and their organizations.

Start: June/2017  
End: June/2021

Budget: 500.860 €



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