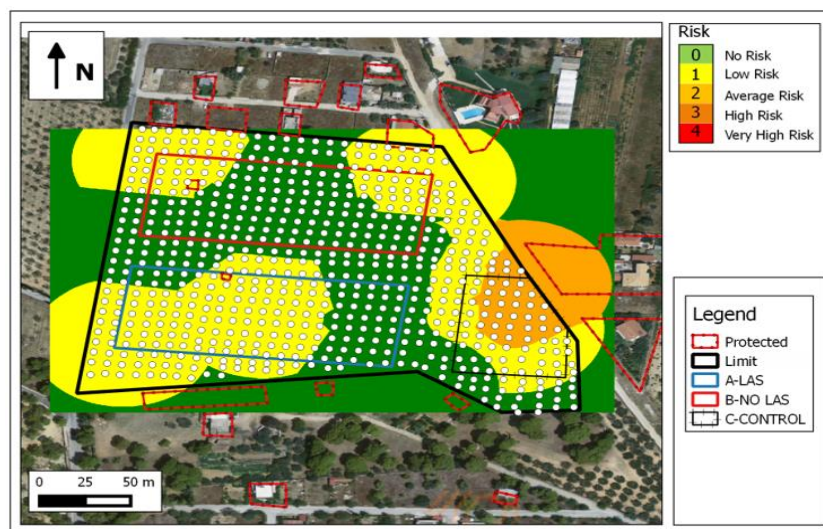


## 1<sup>st</sup> *FruitFlyNet-ii* Webinar

### “A Location Aware System to enhance Integrated Pest Management practices”

The cases of olive fruit fly (*Bactrocera oleae*) and Medfly (*Ceratitis capitata*)

**(February 21<sup>st</sup>, 2022, 11:30 – 14:45 CET)**



### Webinar objective

The webinar aims to offer a platform for increasing awareness and generate discussions on the following pest control key - aspects:

1. Review of the current Integrated Pest Management (IPM) practices for the two key - pests in each partner - country.
2. Analysis of Location Aware System (LAS) integration into e-monitoring, decision making, and spraying control IPM procedures.
3. Build of solid knowledge and disseminate LAS at the Mediterranean Basin level



## FruitFlyNet II

### Target audience

Olive and citrus/peaches and relative fruit producers, farmers and cooperatives, farmer advisors, IPM industry, Small Food Businesses (SFBs), Small Medium Enterprises (SMEs), researchers and scientists (research institutes and industry), policy makers, and other related stakeholders.

### Type of webinar

Open to the general audience. Live streaming to all.

**Webinar language:** English

### Webinar in Brief

The effective and environmentally friendly control of the olive fruit fly (*Bactrocera oleae*) and the Medfly (*Ceratitis capitata*), key-pests for olive, peach and citrus crops, is of paramount socio-economic importance for huge areas of Mediterranean basin. *FruitFlyNet-ii* project aims to develop a complete package solution by introducing pest e-monitoring, scientifically sound Integrated Pest Management (IPM) spraying decisions, remote spraying guidance and traceability, based on technological innovations optimized by the inputs of Living Labs (LLs) and cross-border cooperation.

The final product will be based on a Location Aware System (LAS) providing two prototypes, namely, the *OliveFlyNet* and the *MedFlyNet*, consisting of two new e-traps, one per pest examined, and a set of e-services including an automatic identification and e-counting pest mechanism, spraying risk maps based on Decision Support Systems, e-guides for precise IPM spraying and other complementary services.

As a first step towards the development of *OliveFlyNet* and *MedFlyNet* prototypes, during the webinar will be examined, the current approaches implemented in pest monitoring, decision making and spraying in the different regions of the Mediterranean Basin, as well their critical limitations. In parallel, the identities and traits of Location Aware System will be proposed, and their prospects will be analyzed in solving the current pest control problems identified. At the end, the specific e-solutions offered by the new approaches set by LAS and how these can be integrated in pest control strategies through the appropriate innovations under development of the *FruitFlyNet-ii* project will be presented.



# FruitFlyNet II

## AGENDA

- 11:30 – 11:40:** Opening – Welcome
- 11:40 – 13:00:** Current practices in the control of the olive fruit fly (GR, IT, SP, TN, LB) and the Medfly (GR, IT, TN) in partners' countries
- 11:40 -12:00:** Greece (AUA)  
Prof. Perdikis Dionysios (Olive fruit fly)  
Sotiras Marios-Ioannis (Medfly)
- 12:00-12:10:** Spain (UCO)  
Prof. Inmaculada Garrido Jurado (Olive fruit fly)
- 12:10-12:30:** Italy  
Dr. Tania Travaglini (Olive fruit fly)  
Prof. Andrea Sciarretta (Medfly)
- 12:30-12:40:** Lebanon (LARI)  
Dr. Zinette Moussa (Olive fruit fly)
- 12:40-12:50:** Tunisia (IO)  
Manel Ben Ameer (Olive fruit fly)
- 12:50-13:00:** Tunisia (CRRHAB)  
Prof. Mohamed BRAHAM (Medfly)
- 13:00 – 13:15:** **Break**
- 13:15 – 13:45:** A Location Aware System (LAS) for Monitoring, Decision Making and Spraying Control of the olive fruit fly and the Medfly (Prof. T. Tsiligridis)
- 13:45 – 14:15:** Location Aware solutions to promote IPM practices of the olive fruit fly and the Medfly (Prof. D. Perdikis)
- 14:15 – 14:45:** General discussion and conclusions



## FruitFlyNet II



### Communication

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