A Location-aware System for Fruit Fly Monitoring and Pest Management Control

FruitFly Net

Making sprayings easier and more effective

Budget: € 1.662.872,32
Programme contribution (90%):
€ 1.496.585,09

Beneficiary: AUA
Agricultural University of Athens,
Department of Agricultural Economy
and Development,
Informatics Laboratory,
Hellenic Republic, EU

Partnership:
1. ARO: Agricultural Research Organization (Israel)
2. NCARE: National Center of Agricultural Research and Extension (Jordan)
3. CREA - FRU: Council for Agricultural Research and Economics, Fruit Tree Research Centre (Italy, EU)
4. UIB: University of the Balearic Islands, Department of Biology, (Spain, EU)
5. UTH: University of Thessaly, Department of Entomology and Agricultural Zoology (Hellenic Republic, EU)

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Scientists from 5 Med countries (Greece, Italy, Israel, Jordan, and Spain) are collaborating to create a control system that harmonizes management strategies for specific key-pests (Olive, Med, Cherry & some invasive species). #ENPIproject

They develop, implement, test & demonstrate an innovative, integrated, Location Aware System (LAS) for fruit fly ground spraying control based on a Real–time Trapping & Insect Counting (ReTIC) that can rationalize the use of insecticides. #innovation

They implement 4 operational pilots in 5 Med countries, aim on developing prototypes, technological innovations & knowledge transfer. Field tests have been established in each country & with high quality information gathered *FruitFlyNet* proposes a suitable Wireless Multimedia Sensor Networks (WMSN) reference model. #geospatial #data

They contribute to the development and implementation of environmentally effective e-monitoring & ground spraying control solutions, increasing the quality & quantity of available fruit to local consumers at lower prices. #FruitFlyNet

Project funded by the EUROPEAN UNION

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