

THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

**PROJECT DELIVERABLE REPORT**

**Deliverable 7.1: Initial version of the FF Management Platform  
functional**



**Fruit Flies In-silico  
Prevention & Management**

**FF • IPM**

**Project Title:**

**In-silico boosted, pest prevention and off-season focused IPM against  
new and emerging fruit flies ('OFF-Season' FF-IPM)**

SFS-2018-2

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## 1 Summary

This report outlines the initial version of the FF Management Platform as described in WP7. It provides a general overview of the platform's architecture, along with the adopted technologies. Furthermore, it gives a descriptive showcase for the implementation and next steps.

FF-IPM's ambition is to develop and implement innovative, holistic, and computer (in-silico) assisted IPM strategies and expert services to enable effective prevention, detection and control of FF that pose a major threat to the lucrative European horticultural production sector.

FF-IPM's outputs will be made available to stakeholders and end-users (clients) through the FF Management Platform, which is expected to be the central point for the presentation and provision of a range of entirely new expert services to be provided by FF-IPM. It should be noted that in the FF domain, no examples of such an integrative service system in Europe exist to date.

Finally, the work under WP7 will explore the opportunities to commercialise the on-going provision of expert services so that the benefits can be delivered sustainably.

A new web-linked end-user-friendly infrastructure (FF Management Platform) is being developed at UTH within the framework of the project. Its primary purpose is to ensure broad and lasting stakeholder-access to the new knowledge generated under WP2, and tools, technologies and services developed under WP3, 4, 5 & 6. In addition, the platform will serve technology dissemination and stakeholder training operations, conducted under WP8.

The FF Management Platform contains archived documentation of the project accomplishments, and structured, dynamic web-based access to novel expert services.

Within FF-IPM, we will focus on the pre-commercial development of the technologies and services. We will explore opportunities to sustainably finance the delivery of these information services. Where appropriate, we will explore commercialisation opportunities and attempt to bundle the technology in a manner that avoids market failures. The established technical infrastructure of the FF Management Platform will serve as one-stop-gateway to provide public access to technical documentation, and structured access to user-selected services. It will consist of a generic segment accessible by the general public, stakeholders and technology end-users, and will contain all project-generated technology information. In addition, it will have a segment with secure, restricted access, designed for registered end users. To enable operation of alert DSS system Workspace and CLIMEX/DYMEX Server will be installed on the platform.

The work for the development of the FF Management Platform is preliminary. During the first months of its implementation, only a first design and implementation took place. It is expected that the final FF Management Platform will be further developed, and its final version will be ready by M24.