

Field Visit - Group 1

Alcobaça



Fruit Orchard

Pollination, fertilisation and management

Venue	Alcobaça Fruit Station - INIAV <i>Quinta Nova - Innovation Hub</i>
Host	Maria do Carmo Martins - National Operating Technological and Horticultural Centre – Competence Centre
About	<p>The Alcobaça Innovation Hub is a state laboratory of the National Institute of Agricultural and Veterinary Research, IP. (INIAV), and is located in the Alcobaça region, with a total of 20 ha of field experimentation.</p> <p>The main activities of this Hub are providing specialized support for research and management, as well as the conservation collections of orchards of fresh fruits and nuts.</p>



Learn more...



Lat	39.54913
Long	-8.96992

Field Visit - Group 1

Alcobaça



Timing	Itinerary
14:00	Departure from Estoril
14:30-15:00	Presentation of a movie during the bus trip about the place of visit
15:40	Arrival to Alcobaça Innovation Hub
15:45 – 15:50	Welcome address by Carmo Martins - Secretary general at National Operation Technological and Horticultural Centre
15:50-16:45	<p>Presentation of Operational Group projects:</p> <ul style="list-style-type: none"> i. PoliMax: Promotion and increase in the efficiency of entomophilous pollination in apple, pear and cherry tree (2017-2020) - Rafael Carvalho, National Operating Technological and Horticultural Centre. ii. OPTIMAL – Optimization of Apple Production, Alcobaça (2017-2022) - Miguel Leão, National Institute of Agricultural and Veterinary Research (INIAV).
16:45	<p>Visit to Frubaça</p> <p>- Snacks distributed on the bus</p>
17:00	Arrival to Frubaça
17:00-17:20	<p>Presentation of operational group project:</p> <p>MacFertiQual: New methods of nutritional diagnosis in 'Gala' apple trees aiming at sustainability and quality</p>
17:20-17:45	Guided visit to Frubaça
17:45	Return - Trip to the Cela irrigation area and Nazaré city (see the giant waves)
20:30	Arrival at Estoril

Field Visit - Group 1

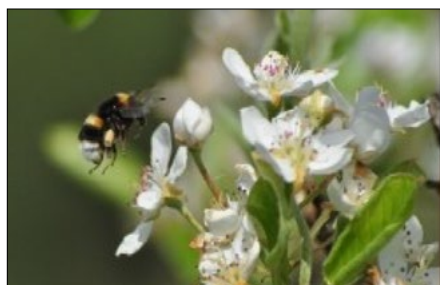
Alcobaça



Fruit Orchard

Pollination, fertilisation and management

Operacional Group	PoliMax: Promotion and increase in the efficiency of entomophilous pollination in apple, pear and cherry trees
Speaker	Rafael Carvalho - National Operating Technological and Horticultural Centre – Competence Centre
Key Objectives	<i>The project focuses on the need to promote pollination to improve production per hectare, improve the quality and conservation of fruits, and minimise the application of pesticides. In entomophilous pollination, the performance of the agents (insects) must be as precise as possible. The intra- and inter-specific ecological relationships of the insect community must be guaranteed, by promoting a network functionality that allows pollination. It is therefore essential to have habitats that meet the necessary conditions (food and protection), not only in the orchard but also in adjacent areas.</i>



Field Visit - Group 1

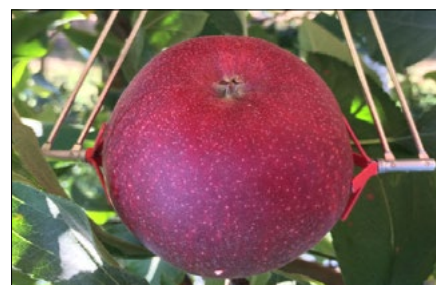
Alcobaça



Fruit Orchard

Pollination, fertilisation and management

Operacional Group	OPTIMAL – Optimisation, Apple, Alcobaça
Speaker	Miguel Leão - National Institute of Agricultural and Veterinary Research
Key Objectives	The objective of this Operational Group is to define a restricted range for planting densities that can be recommended in new 'Maçã de Alcobaça' ('Alcobaça apple') orchards, adjusted to the edapho-climatic (relating to soil and climate) conditions of the Protected Geographical Indication (PGI). The OG also wants to characterise the type of pruning that should be recommended for these orchards, to standardize a production model in the PGI region. To achieve these objectives, modern orchards with different planting densities will be selected and studied in detail, and demonstrative pruning trials will be carried out in the orchards of the farmers who are involved in this OG.



Field Visit - Group 1

Alcobaça



Fruit Orchard

Pollination, fertilisation and management

Operacional Group	MacFertiQual: New methods of nutritional diagnosis in 'Gala' apple trees aiming at sustainability and quality
Speaker	To be confirmed
Key Objectives	The aim of this project is to find a more balanced nutritional reference for the modern production of Alcobaça apples (Protected Geographical Indication), to develop a new apple product from the Gala cultivars, with new parameters of internal and external quality. The Operational Group tries to find a solution for the lack of information and the delay in decision making that results from the current methodology, which gives results at a very advanced stage in the cycle. New methodologies will include fast methods to be implemented by fruit growers on their farms.



Field Visit - Group 1

Alcobaça



Fruit Orchard

Pollination, fertilisation and management

Venue	Frubaça - Fruit Growers Cooperative <i>Acipreste - Alcobaça</i>
About	As one of the partners in the OGs MacFertiQual and OPTIMAL, Frubaça is a modern and innovative fruit and vegetable producers' cooperative. It produces, preserves, processes (fruit purees, fruit bars, juices and smoothies), packs, and sells fruit from its own farms. Frubaça has been awarded because it was the first to produce unpasteurised juice with pulp, without preservatives or sugar, using an innovative methodology.
Host	To be confirmed

