

UC and CV - AEDIT srl

Our User Case “Tuscany Living Lab to support a wider adoption of sustainable crop management DATS” is aimed at enhancing the use of digital Decision Support Systems (DSS) for increasing the sustainability of olive growing, speeding up the work of advisors and facilitating their communication with farmers.

For this reason, we are developing and testing a unique web-app for olive growing, that we called “Poderi” which includes DSS for irrigation, fertilization and pest management and functionalities to improve communication among advisors and farmers.

Developing and testing are carried out in a Living Lab involving advisors and their associated farmers.

Our Cross Visit took place from 19 to 20 September 2022, in Pisa (Italy), in a face-to-face mode. Main objectives of our CV were (i) to exchange experiences with other UCs in the involvement of end users in using the DATS and (ii) to collect suggestions on how to improve Poderi to increase its utility for different types of stakeholders.

The first day started at lunch time, using the time of the lunch also for presenting all the participants. In the afternoon we moved to Buti, in the surrounding area of Pisa, to visit the oil mill of the Cooperative of Buti and an ancient oil mill. Buti is located in the Monte Pisano area, a small hilly region (about 15,200 ha) devoted to olive oil production following traditional practices. Before the visit we made presentations on the aims of our UC, on the developed DATS (Poderi) and an introduction of the history of the oil mill. We ended with a dinner in Pisa. The second day was carried out at the Sant’Anna School of Advanced Studies (Pisa), in which all the participants, both of the visiting and hosting team, presented themselves and their work. Moreover, we had other stakeholders, such as a representative of the Regional Phytosanitary Service of the Tuscany Region, and an advisor/researcher operating in another European project H2020 IPMWORKS, also working with olive growers. In the afternoon we had an interactive workshop to collect suggestions about what is useful and what is lacking in Poderi, considering the point of view of advisors, farmers and policy makers. We ended the day with a guided tour of Pisa.

Some pictures:



