



An integrated toolbox for improved verification and prevention of adulterations and non-compliances in organic and geographical indications food supply chain

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D.4.2: Mobile applications for data collection and transparent data governance (final version)

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Executive Summary

This report, constitutes an accompanying document for the final version of the mobile applications developed in the framework of the Horizon Europe project THEROS. It covers the applications developed for the operation of the MEMS-based photonics systems and the dynamic digital product passport (dDPP) mobile interfaces as well as integrity framework supporting the dDPP and enhancing its security. The current version of the document is based on the respective report accompanying the D4.1 “Mobile applications for data collection and transparent data governance (initial version)”. D4.1 was presenting the alpha versions of the tools, in which the focus was on developing the functional specifications necessary to develop operational applications, that could be tested by end-users. The D4.2 functions as an updated version of the D4.1 and presents the final versions of the tools, which incorporate many aspects discussed during the testing process, which was presented in detail in the report prepared after completion of Milestone 6 (MS6) “Alpha versions of THEROS tools assessed by end-users”. Additionally, the D4.2 outlines the progress made in relation to the D4.1. The work described in both deliverables was carried out in the context of THEROS WP4 and aims to showcase the technical specifications of each application, and the functionalities implemented to address the user requirements and the system specifications derived by them, described in D2.2 “Report on THEROS toolbox specifications and system architecture”. Both applications developed are described in the accompanying report, which presents system architecture, technical specifications, screens from the app and summary of modifications in relation to the alpha version of the tool.

