

# BUGWAT<sup>CH</sup>HER



Bugwatcher is the proposal from a Consortia lead by Grupo Pulso, a Spanish company with more than 20 years of experience developing digital healthcare projects. The other members of the Consortia are Nuwave Sensors, an Irish company specialized in the development of air monitoring devices; and Paperdrop Diagnostics, a Spanish company focused on developing paper-based biosensors for rapid diagnostic-tests.

Bugwatcher will be able to detect three different type of bacteria (Clostridium Difficile, Klebsiella Pneumoniae and Multi-resistant Staphylococcus Aureus) in the hospital facilities, in humans and in any inanimate surface surrounding them. The system will be formed by different screening devices that will activate an alarm in case any of the three bacteria is detected and these warnings will be integrated in the hospital information system. Thanks to the geolocalization incorporated in the devices, the bacteria will be geolocated at any time which will help professionals make more accurate decisions related to the isolation and drugs' administration to the affected patients.