Stage 1:
Organization of project tasks and preparation of practical implementation
Activity 1.1:
Organization of the project
Activity 1.2:
Establishment of microbiological protocols
Activity 1.3:
Acquisition and deployment of IoT sensors
Activity 1.4:
Preliminary acquisition of data and setting the conditions for the security of their transfer
Activity 1.5:
Setting requirements for datasets used in training Machine Learning algorithms
Activity 1.6:
Correlation of results between partners and the Phase I report dissemination of results

Stage 2:
Acquisition and processing of experimental data
Activity 2.1:
Organization of Phase II of the project
Activity 2.2:
Implementing IoT sensor networks and establishing in-situ data communication
Activity 2.3:
Acquisition of data and ensuring the security of their transfer
Activity 2.4:
Testing selected machine learning models for purchased data
Activity 2.5:
Evaluation and exploitation of results
Activity 2.6:
Correlation of results between partners and the Step 2 report. Dissemination of results

Stage 3:
IoT platform integration and testing. Optimisation of acquisition, processing and communication of experimental data
Activity 3.1:
Organization of Phase III of the project
Activity 3.2:
Testing the system in real conditions
Activity 3.3:
Testing selected Machine Learning models for purchased data
Activity 3.4:
Evaluation and exploitation of results
Activity 3.5:
Communication and dissemination of Phase III results