

# Wellness TechGroup activities



**IN-HABIT General Assembly 04.10.2022**



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 869227

## Tasks:

- Pilot. Endpoints and GW installation.
  - The installation addresses are:
    - Arenillas 12 (endpoints)
    - Palacio de Orive (Gateway)
  - Devices and antenna are already tested on lab environment.
  - End date: 28/10/22
- Locations and devices definition. Number of current locations type defined (8)
  - End date: 04/11/22
- Lorawan network design. Prearrangements done
  - HW and housing
  - Coverage study
  - Location definition.
    - This will be confirmed after pilot deployment
  - End date: 04/11/22
- Rest of the equipment installation
  - End date: 16/12/22

## Tasks :

- Layout.
  - Site survey to set up final hardware proposal and installation. Arrange a tour between the cities:
    - Sevilla - Lucca (Pisa): 06/11/22
    - Lucca working day: 07/11/22
    - Lucca (Pisa) - Nitra (Viena): 08/11/22
    - Nitra working day: 09/11/22
    - Nitra (Viena) - Riga: 09/11/22 or 10/11/22
    - Riga working day: 10/11/22
    - Riga - Sevilla: 11/11/22
- Hardware stocking.
  - End date: 25/11/22.
- Device configuration and final lab testing and integration.
  - End date: 09/12/22.
- Device installation.
  - End date: 23/12/22.

## Tasks :

- Acquisition layer
  - Córdoba device integration
    - End date: 28/10/22
  - Riga, Lucca y Nitra device integration.
    - End date: 09/12/22
- Persistence Layer.
  - End date: 28/10/22
- Data presentation Layer.
  - Córdoba.
    - End date: 11/11/22
  - Riga, Lucca y Nitra.
    - End date: 23/12/22

## Tasks:

- Scope definition and solution design between APP and platform.
  - End date: 28/10/22
- Integration task.
  - End date: Pending on previous tasks definition.

		07-oct-22	14-oct-22	21-oct-22	28-oct-22	04-nov-22	11-nov-22	18-nov-22	25-nov-22	02-dic-22	09-dic-22	16-dic-22	23-dic-22
Córdoba	Pilot Installation												
	Locations and devices definition												
	Lorawan network design												
	Rest of the equipment installation												
Riga, Lucca y Nitra	Site survey												
	Hardware stocking												
	Device configuration and final lab testing and integration.												
	Device installation												
Platform	Córdoba acquisition layer												
	Riga, Lucca y Nitra acquisition layer												
	Persistence layer												
	Córdoba presentation layer												
	Riga, Lucca y Nitra presentation layer												
APP Integration	Scope definition and solution design												
	Integration (TBD)												

- Stocking brake
  - Global problem, pending on others. The solution is to look for compatible elements to minimize possible delays.
- Lorawan network design
  - Air is a share element, so we can find out some differences between theoretical and real designs. After GW installation, we will check real coverage in order to validate final design or, if it is needed, make changes for a complete and successful deployment.
- Design changes after deployment.
  - It could be translated in hard work and delays, sometimes difficult to justify. We will prepare a previous proposal, for all developments (particularly on data presentation layer), so any modification must be validated on the design phase.



**THANKS FOR YOUR ATTENTION**



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 869227

04/10/2022