Project Charter - Mobile Node

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1. Opportunity/Idea

The opportunity of carrying out this project resides in the BuB branch of the Commons for Europe initiative. This project was initially impulsed by Guifi.net and exo.cat among others and now has been introduced in this BuB4EU in order to receive this «last push». The main idea is to create a free transmission workstation that can be used in the urban space and contributes to the digital mesh through other networks.

2. Description/Purpose

The project will consist on creating a mobile wireless workstation that creates or fits in an existent telecommunications infrastructure. It will have to be an auto-configurable device and will have the capability to interconnect with a wide range of different hardware. Furthermore, it will be able to work in many different spaces and without the need of an ISP.

3. Goal

Improve the actual design of the mobile node, test it, create some documentation and find a way to make it easy-to-replicate.

4. Objectives/Results

- Improve or create a new design of the mobile node.
- Allow citizens to be able to access low-cost technology with a big social return.
- Create documentation of the whole process.

5. Scope

Deploy and test this technology in Barcelona (Raval) and in London (Decision pending) and observe the results to replicate it in other cities.

6. Stakeholders

- guifi.net
- exo.cat
- qmp.cat
- ESADE
- UPF
- mobilitylab.net
- commons for europe
- Locality UK
- Creativecoop UK

7. Risks

- Prototype failures or firmware bugs that can delay the whole project.
- People unacceptance of the system or its social returns.

It is important to mention that this project is in an advanced stage and so, many of the risks that could have affected it are already mitigated.