

Free Europe WiFi - Pilot Charter

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1 Opportunity/Idea

This opportunity arose from the actual tendency that cities along the whole world are working on. They are trying to provide free WiFi internet connection to all citizens. The real opportunity is the need to create a community network to communicate freely anywhere in the EU. Born as a tie, to strengthen the communication of citizens of different countries within a common block, as is Europe. There is already an open system for getting free wireless internet distribution deployed in Italy, and the goal is to implement this system in Spain always keeping full interoperability. Also lay the foundation regarding documentation, to give rise to other countries to also do it.

2 Description/Purpose

A complete description of all the cases that are running at the moment in different European cities will be made in order to understand the main need that feeds this project. Achieve the implementation of OpenWISP system in Spain and their overall diffusion alternatively, to the extent possible. To achieve the correct and complete documentation on both cases, the first is currently in operation, Italian case, and about the case to be implemented, the Spanish one. Always keeping in mind writing technical information for future implementations.

3 Goal

Implement and maintenance of a free wireless internet connection for any european citizen. Create a prototype/demonstration module to offer new cities to support the project. Document all the technical aspects of the system and its implementation.

4 Objectives/Results

- Be able to understand, modify according to our case and deploy OpenWISP system.
- Create, complete and correct technical documentation about the project for future implementations.

5 Scope

The scope of the project is to be able to merge the public WiFi internet connection solutions offered by any European city.

6 Stakeholders and Sponsors of the Project

- Project Team
- Universitat Pompeu Fabra
- CASPUR
- Provincia di Roma
- Guifi.net
- DOTOpen
- Linx
- ESADE
- Fraunhofer FOKUS
- Forum Virium
- City of Amsterdam
- Waag Society
- NESTA
- Ajuntament de Barcelona

7 Risk

- Issues in disseminating this connectivity solution. Exists other solutions owned by public administration.
- Possible future problem with the FreeItalia WiFi project, in which this project is based, because of politic elections and no future continuity.

8 Schedule

Tareas

WBS	Nombre	Inicio	Fin	Trabajo	Prioridad	Terminado
1	Warm-up session	Jul 18	Jul 18	1d		0%
2	Kick-off meeting	Jul 19	Jul 19	1d		0%
3	Initial design phase	Jul 20	Sep 25	81d		
3.1	Legislation approach	Jul 20	Aug 2	10d		0%
3.2	Spanish legislation initial solution	Jul 20	Jul 31	8d		0%
3.3	Network design	Aug 3	Sep 6	25d		0%
3.4	Studing OpenWisp	Aug 3	Sep 11	28d		0%
3.5	Documentation	Sep 12	Sep 25	10d		0%
4	Early implementation	Sep 26	Jan 21	121d		
4.1	Firmware make-up	Sep 26	Dec 4	50d		0%
4.2	Server setup	Sep 26	Nov 6	30d		0%
4.3	Router configuration	Dec 5	Dec 13	7d		0%
4.4	Lab deployment	Dec 14	Dec 27	10d		0%
4.5	Testing	Dec 28	Jan 10	10d		0%
4.6	Project Re-analysis	Jan 11	Jan 21	7d		0%
4.7	Documentation	Jan 11	Jan 21	7d		0%
5	Final implementation	Jan 22	Mar 18	80d		
5.1	Network deployment	Jan 22	Mar 4	30d		0%
5.2	Troubleshooting	Jan 22	Mar 4	30d		0%
5.3	Project final analysis	Mar 5	Mar 18	10d		0%
5.4	Documentation	Mar 5	Mar 18	10d		0%
6	Full documentation	Mar 19	May 13	40d		0%
7	Project defense	May 14	May 14	1d		
7.1	Final presentation	May 14	May 14	1d		0%