

Bottom-up Broadband Pilots in Europe (C4EU 5.1.2: Report on Selection of Opportunities and Projects - b)

Name Name, and Name Name

Abstract

This is the abstract

Index Terms

Bottom-up-Broadband (BuB), wifi, super-wifi, fiber, sensor networks

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I. INTRODUCTION

This is the introduction blah blah blah blah blah blah. Blah blah blah blah. Blah blah blah blah. Blah blah blah.

II. RELATED WORK

III. SELECTION CRITERIA AND PILOT SELECTION

IV. THE OPEN SENSOR NETWORK PILOT

This pilot is focused on deploying a sensor network which would gather real time data from the environment, such as air quality, noise pollution, etc. This information would be then uploaded to an open data portal to make it publicly available. The ultimate objective of this project is to let developers use this data to build applications that can improve the daily lives of the citizens.

At the time of writing some key decisions have been made. ZigBee is an open source protocol which focuses on low energy consumption and it will be used to establish the connection between the sensor nodes. Also, these nodes will be working on top of the open source prototyping platform Arduino which is commonly used to deploy wireless sensor networks nowadays.

V. THE FREE EUROPE WIFI PILOT

VI. THE NORTHERN QUARTER NETWORK PILOT

VII. THE RUBI PILOT

VIII. CONCLUSION

And this is the conclusion.

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