

## SMART SANTANDER Initial Testbed Manual

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**Abstract:** This deliverable describes the initial testbed manual which is available at <http://www.smartsantander.eu/index.php/wiki>

**Keyword list:** *Testbed Manual*

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## Acronyms and Abbreviations

PDF	Portable Document Format
WSN	Wireless Sensor Network

## **1. INTRODUCTION**

The SmartSantander consortium decided to create the testbed manual (deliverable D5.4) in an online format. This document describes the reasons for this decision (see section 3) and the structure of the online manual (see section 4).

## **2. TARGET GROUP**

The group targeted by the initial testbed manual is testbed users that wish to deploy their own sensor network applications on one of the SmartSantander testbeds. The manual therefore does not contain information about the internals and management of the testbeds. Users aiming to contribute to the testbeds infrastructure or wishing to set up own testbeds are referred to SmartSantander deliverables D2.1 [D2.1] and D3.1 [D3.1].

## **3. FORMAT OF THE MANUAL**

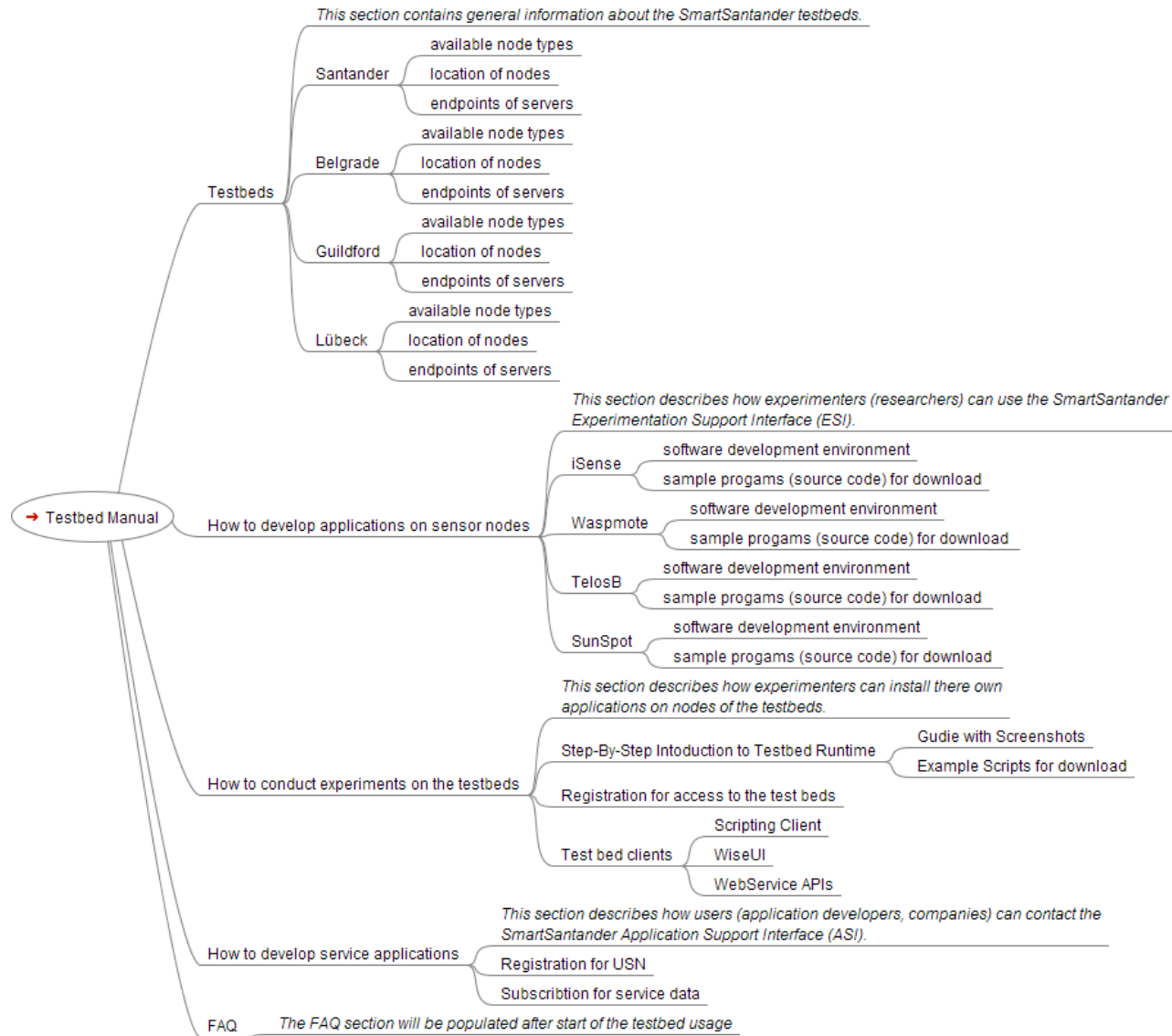
The SmartSantander consortium decided to provide the testbed manual in the form of web pages. Compared to a static document (PDF, Word, ...), in the online format, it is easier to include changes and additions which will be immediately accessible to all testbed users.

The manual will evolve together with the testbed, and users always have the most up to date version available and do not need to refer to different testbed manual versions in several static documents.

Additionally a FAQ (Frequently Asked Questions) section has been created which will be populated by testbed users' questions and SmartSantander partners' answers. This process will be much faster than the distribution of updated physical documents. Online manuals have been used successfully in the projects WISEBED [WISEBED] and SENSEI [SENSEI].

## **4. STRUCTURE OF THE MANUAL**

The following figure shows the structure of the initial testbed manual. The structure is created by web pages referencing each other. The main sections are available in the side bar too for direct access:



**Figure 1 Structure of the initial testbed manual**

The following figure shows a screenshot of the home page of the manual:

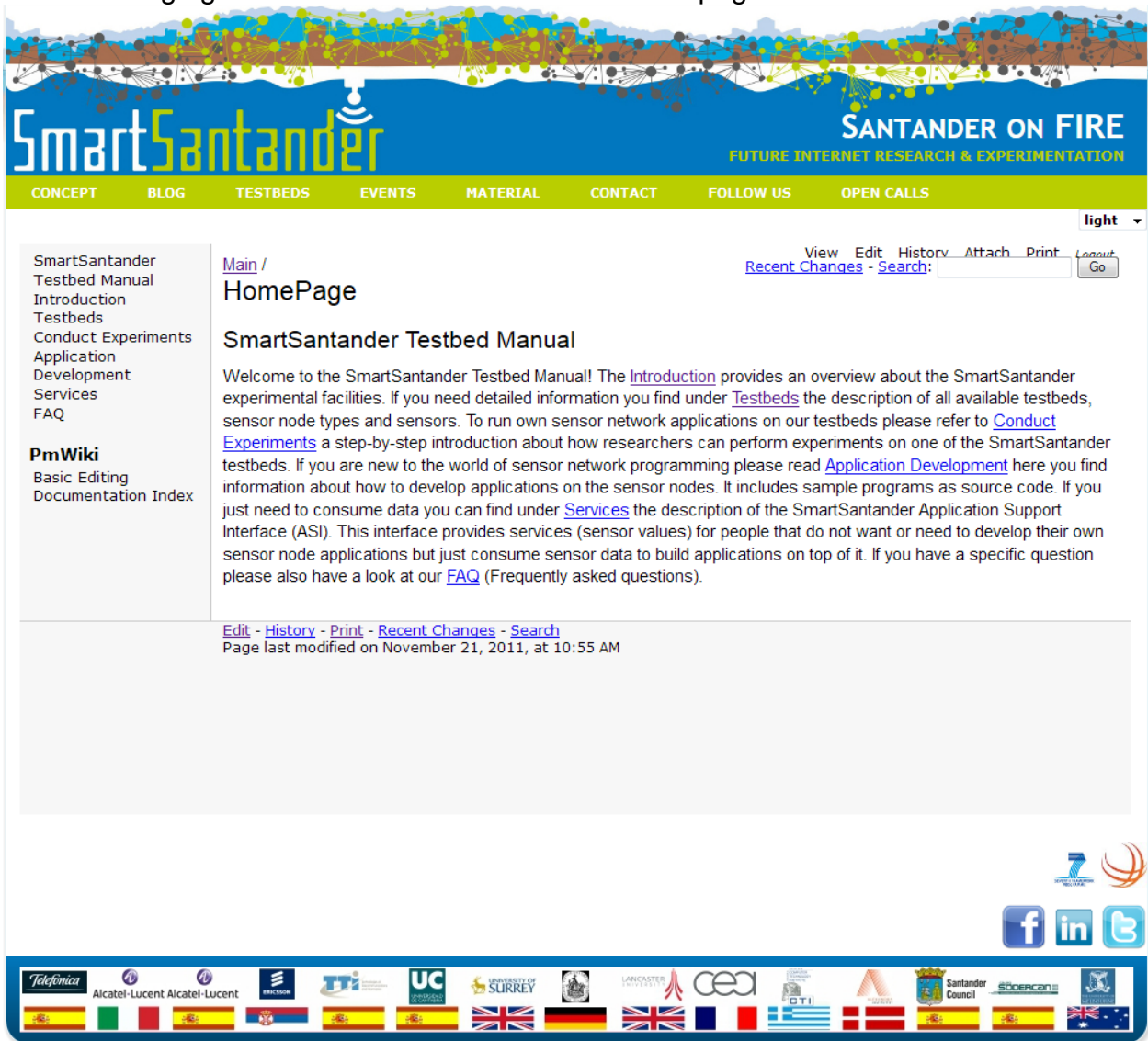


Figure 2 Screenshot of the home page

## 5. TECHNICAL REALIZATION

The testbed manual is hosted in a PmWiki [PMWIKI]. This wiki has been made available at the project website <http://www.smartsantander.eu/index.php/wiki>. We chose a wiki because it is suited for fast direct editing which will help to keep the manual up to date (see also section 0). Another reason for choosing the “wiki format” is that it offers the possibility of inserting links to downloads (source code, binaries, etc.) and to other reference pages or manuals.

## 6. REFERENCES

- [D2.1] First cycle components design
- [D3.1] Initial integration of existing components
- [PMWIKI] <http://www.pmwiki.org/wiki>
- [WISEBED] FP7 WISEBED, [www.wisebed.eu](http://www.wisebed.eu)
- [SENSEI] FP7 SENSEI, D5.3 <https://ncit-cluster.grid.pub.ro/trac/Sensei-WP5-Public>