D8.1
Project Material

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This document presents the project material of ScalABLE 4.0 project. It covers overall project management, the website, social media accounts and dissemination material.

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Overall Management

The ScalABLE 4.0 Kick Off Meeting happened in Oporto, in the 2nd and 3rd of February 2017. In this meeting, with the presence of all partners, the overall management process has defined, to decide on a shared vision on project management and on strategies to deal with problems that may take place.

The project organization was discussed and validated in the meeting. This culminated in a document entitled Project Guidelines, a guide with general information on the project and a set of directions and “how-to” regarding many different aspects.

![Figure 1 Project Guidelines Document](image1.png)

The project follows a thorough management plan, collecting each month the tasks to be done from all workpackages on the following month and keeping track on the level of completion of each task.

![Figure 2 Project organization](image2.png)

To uniformize communications and provide all partners all information, a common platform in Alfresco Community was created. In this intranet, all files related to the project can be found, as well as data regarding meetings, deliverables, due dates and contacts.

Two use cases will be the studied under the project: one in PSA and one in Simoldes Plásticos. In order to optimize the partners work and get everyone in the same page, two on-the-spot use-case meetings were planned. The first took place during the Kick-Off, in Simoldes, and the second will be in the 27th and 28th of April 2017 in PSA.
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Figure 3 ScalABLE 4.0 intranet
Project Website

The main source of information from ScalABLE 4.0 available to the general public is the website, that contains all updated details and facts. The website covers the project description, the consortium, the workpackages and events. Later, as work is developed, more will be added about recent work, demonstrations and news.

Project Description

As all European projects, ScalABLE 4.0 aims to have an impact in the community. Therefore, the vision and mission of the project is one of the first pages on the website. Here, a summarized description of the project is available. Also, the main numbers of the project are outlined.

Vision and Mission

Most manufacturing lines are still under-optimized. Decisions made ‘on the moment’ are usually based on common sense rather than the overall picture of the factory floor, leading to sub-optimal decisions. The main objective of the ScalABLE 4.0 project is the development and demonstration of an open scalable production system framework (OSPF) that enables optimization and maintenance of production lines ‘on the fly’ through visualization and virtualization of the line itself. The project outcomes focus not only on line modernization, but also on its control and construction in real time. This is possible by integrating enterprise information systems, automation equipment and open APIs for system optimization. ScalABLE aims to have effects on an European level, cooperating with other projects, initiatives and initiatives, like Industry 4.0 or European Robotics. Besides the advances in technology, ScalABLE will also contribute with new standards for the production lines of the future.

Figure 4 Website: PROJECT page
Consortium

The project is composed by 7 partners from academia and industry. These are depicted in the page ‘Partners’. Each partner has its own page, with a small description of each and their main tasks. As work is developed, the pages will be updated with more information.

Figure 5 Website: INESC TEC page (partner example)
The WORKPACKAGES

There are 8 workpackages in the project. Although, special attention is given to the technical workpackages in the website, having a description of the work developed in each. Each technical WP - WP3 Plug and Produce, WP4 Flexible Robotics, WP5 Vertical Integration and WP6 Simulation - has its own description page, that will be updated throughout the project. This offers the visitor a complete view of the work developed, from the factory floor to the higher management level.

Figure 6 Website: WP4 page (workpackage example)
The USE CASES

Besides the description of each workpackage, the two use cases to be studied in this project have their own page, with a description on the work to be done and recent developments. This is fundamental since ScalABLE 4.0 aims to work directly on the shop floor and demonstrate its outcomes in real-world cases.

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**Figure 7 Website: USE CASES page**

**Figure 8 Website: USE CASES description page**
Events and News
The project has its own online calendar where news and events are posted. The calendar will be frequently updated with news regarding the project and the partners.

Figure 7 Website: EVENTS page
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Social Media

ScalABLE 4.0 will be present on Twitter, LinkedIn and Research Gate, trying to reach both the general public as well as business managements, robotics and IT communities, researchers and industry, ...

Figure 8 ScalABLE 4.0 presence on Twitter

Dissemination Materials

In order to show a consistent image, all documents should have the logo and follow the templates provided on the intranet. An image bank with different logo versions will be created in the near future. Among the existent templates, one can enumerate:

- Word template
- Template for use in confcalls and physical meetings presentations
- Minutes template
- Deliverable template
- Financial reporting template

Logo

Figure 11 ScalABLE 4.0 logo
Templates

Figure 12 Templates: Deliverable Template

Figure 13 Templates: Power Point Template
Future Dissemination Material

ScalABLE 4.0 will reach the public through bi-yearly press releases. Also, project flyers, roll ups and other dissemination material to be distributed among partners and within each partners network are under production.

Other content

Figure 94 ScalABLE 4.0 Europe Map

Figure 15 Visit to Simoldes Group