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Public Website

Deliverable Responsible: Loughborough University

Version: 1.8

12/06/2016

Dissemination level		
PU	Public	X
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (excluding the Commission Services)	



Project Information

Acronym	openMOS
Name	Open dynamic manufacturing operating system for smart plug-and-produce automation components
Theme	FOF-11-2015: Flexible production systems based on integrated tools for rapid reconfiguration of machinery and robots
Grant agreement	680735
Start date	1, October 2015
Duration	36 months

Contact Information

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Version Control

Version	Date	Change
1	10/11/2015	Purchased domain name and designed logo
1.1	13/02/2016	Started technical site build
1.2	22/03/2016	Initial text draft and infographic design
1.3	27/04/2016	Comments received from all partners included
1.4	30/04/2016	Further development of partner's page. Data gathering.
1.5	05/05/2016	Minor revisions received from KTH, Introsys, Masmec, We+ and Afag
1.6	1/06/2016	Inclusion of newsletter feature
1.7	2/06/2016	Final version revised by Loughborough
1.8	3/06/2016	Website complete and published

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1. Introduction

Dissemination and exploitation of the results is an essential part of the openMOS project. This document has been produced by the partners in the openMOS consortium to describe the process in creating the project flyer.

The following is an extract from the openMOS description of work¹ stating the objectives of the task that includes the production of this deliverable:

Task 8.1 Dissemination Activities [Lboro, M1-M36]

Involved partners: Lboro, IntRoSys, fortiss, Elrest, Xetics, Ford, SenseAir, Inotec, Afag, HSSMI, UniNova, KTH, Linkopings, Masmec, Asys, Electrolux, We+

The dissemination activities will address the following target groups: the industry, predominantly SMEs, the scientific community and the general public. A dissemination strategy will outline the mix of dissemination activities and contents with which the targeted visibility will be achieved. According to this, in this task the contents for the different dissemination means will be detailed and finalised. This will include: a distinct project corporate design, including logo, colours, and common templates to be used, creating a collaborative spirit and identification with the project, and its objectives internally as well as a recognisable project "trademark". A dedicated project flyer, as well as two specialised small publications (flyers, brochures) accompanying openMOS dissemination events.

¹ The openMOS consortium, openMOS - Description of Work, Proposal 680735 for the EU Horizon 2020 framework programme, 2015.

1.1. Design and Conceptualisation

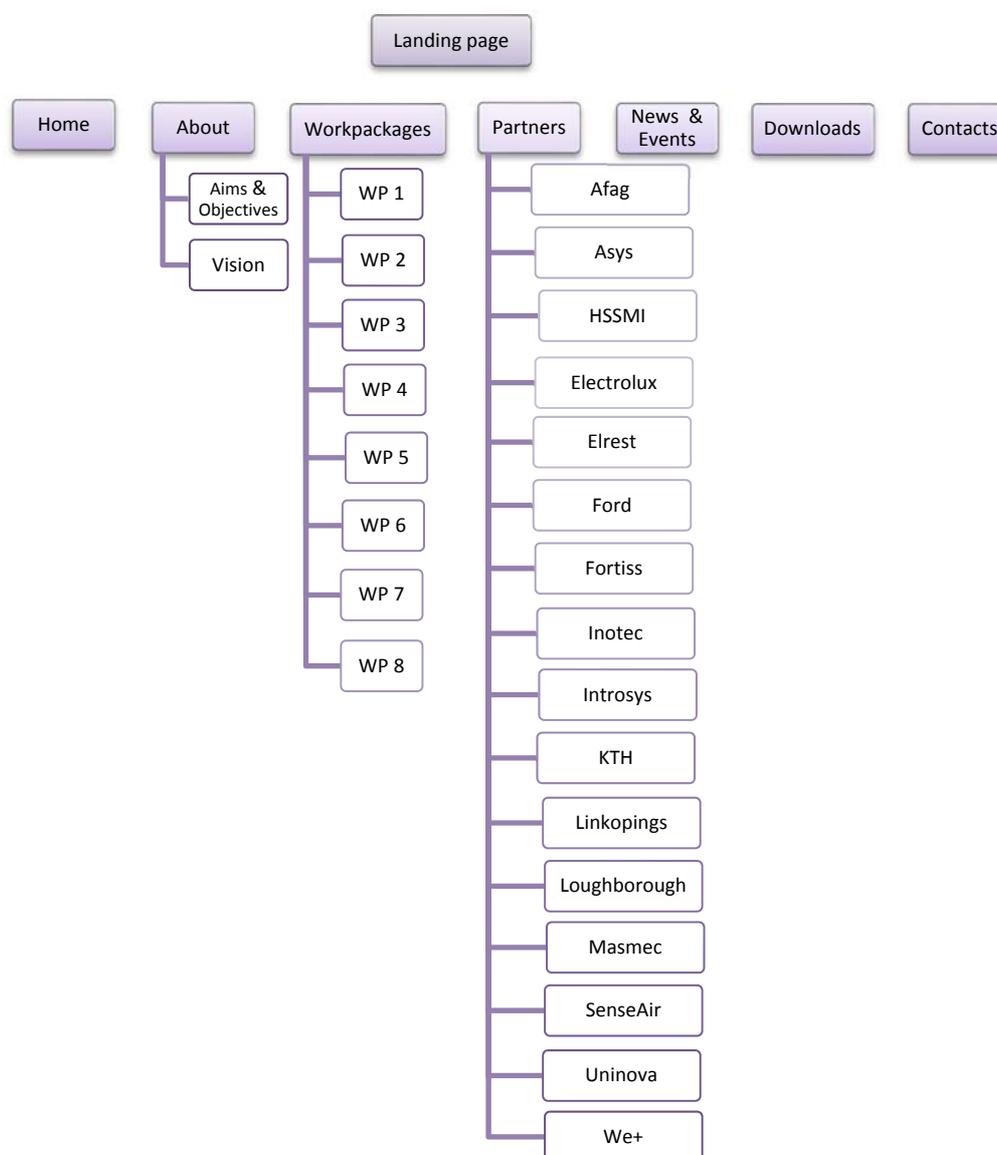
The aim of the design was to provide a clear and easy to understand overview of the project. We have achieved this by devising a structure that clearly explains the vision and challenges of the project. This includes a section explaining overall aims and objectives, a detailed list of all the work packages and associated partners, news and events , a comprehensive list of all partners within the consortium as well as a downloads section. The purpose is actively share project results as effectively as possible.

It also includes a newsletter subscription which is open to the general public. The newsletter will be shared a regular intervals and will include the latest developments within the project.

1.2. Development

In terms of development of the website, there's been an open and fair consultation with the entire consortium throughout. Their feedback has been sought and incorporated at key stages. As a first step, everyone was asked to address three main criteria – the goal, target audience and type of content

Using the information gathered from our initial discussions a site map was created (see Fig: 1) - the site map lists all the primary topic areas of the site as well as sub-topics. This serves as a content guide and helps in developing a consistent and easy to understand navigational system. We chose an interface that was simple to navigate and user friendly.



The logo colours were used as a guide for the rest of the web design to help strengthen the identity of the consortium on the website. Once the “look” of the website was agreed we started work on the website itself. All the individual graphic elements from the prototype were used to create the functional site. This was done by first developing the home page, followed by a “shell” for the interior pages. The shell served as a template for the content

pages of the site, as it contained the main navigational structure for the web site. Once the shell was created it was populated with the content collated through the consortium.

At this point, we shared the web site with the consortium requesting for feedback so final changes could be made and we could start testing phase. We tested the complete functionality of forms and other scripts, as well as testing for compatibility issues (viewing differences between various web browsers and viewing formats e.g. PC, phone etc.), ensuring that the website is optimised for viewing across all platforms.

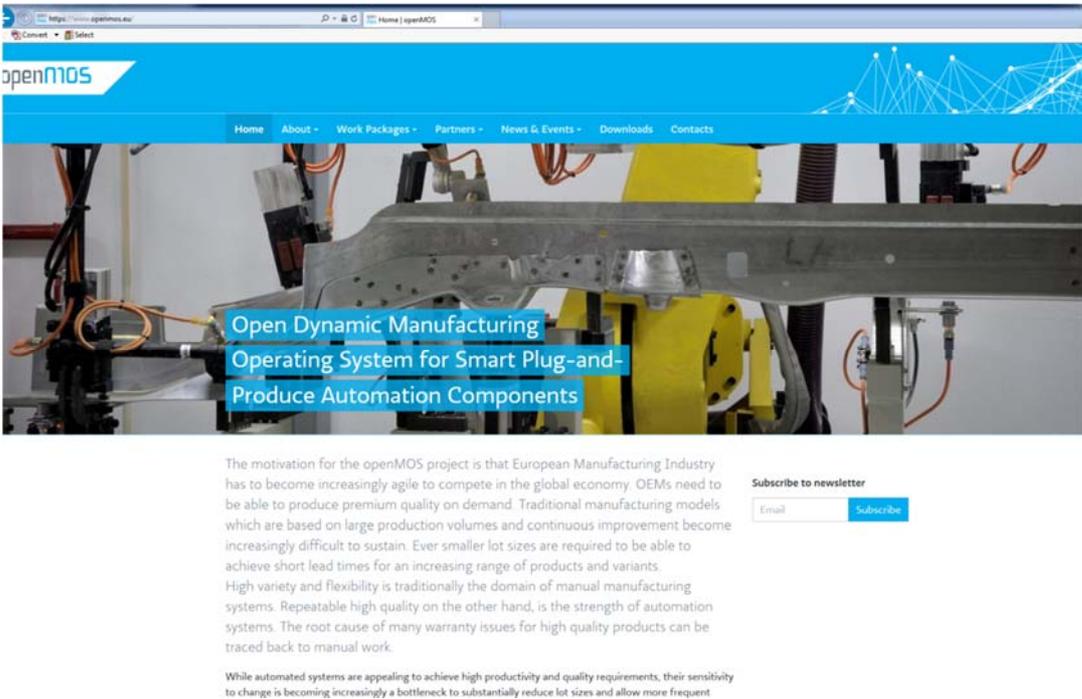
Once final checks were made the website was uploaded to the server and the site was put through a final run-through. This was just precautionary, to confirm that all files have been uploaded correctly, and that the site continues to be fully functional.

This marked the official launch of the website, as it is now viewable to the public. To access it please visit: <https://www.openmos.eu/>

We are now in the maintenance phase of the website by keeping it relevant with the latest developments via our in house Content Management System (CMS).

Appendix:

1. Screenshot of OpenMOS Homepage:



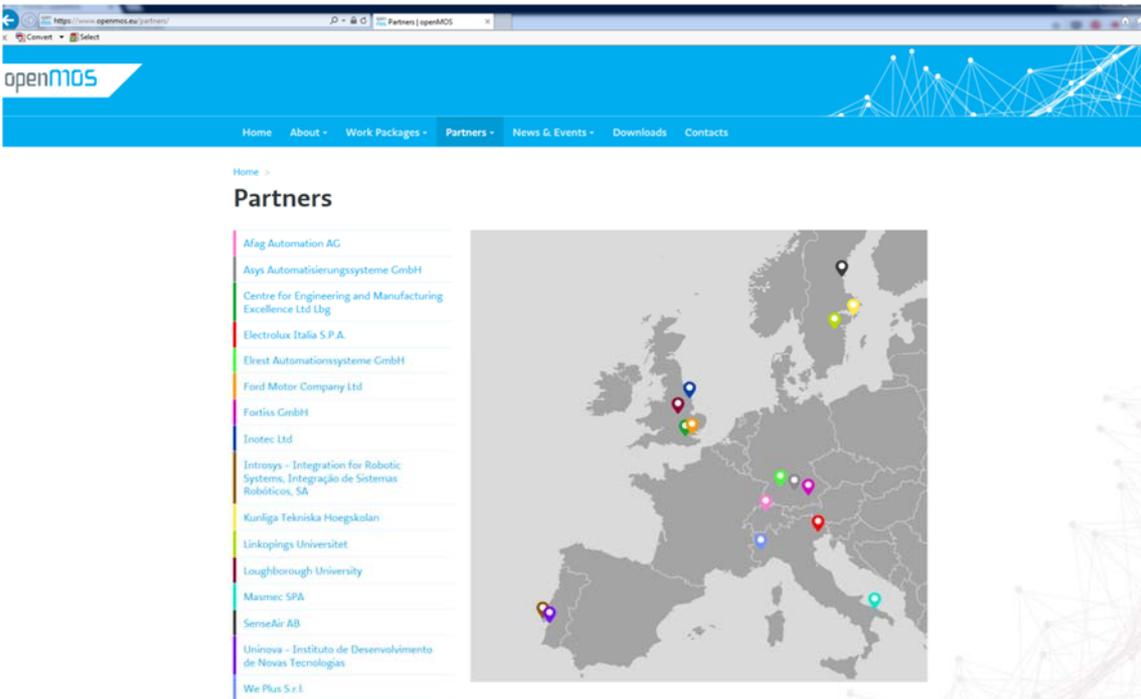
The motivation for the openMOS project is that European Manufacturing Industry has to become increasingly agile to compete in the global economy. OEMs need to be able to produce premium quality on demand. Traditional manufacturing models which are based on large production volumes and continuous improvement become increasingly difficult to sustain. Ever smaller lot sizes are required to be able to achieve short lead times for an increasing range of products and variants. High variety and flexibility is traditionally the domain of manual manufacturing systems. Repeatable high quality on the other hand, is the strength of automation systems. The root cause of many warranty issues for high quality products can be traced back to manual work.

While automated systems are appealing to achieve high productivity and quality requirements, their sensitivity to change is becoming increasingly a bottleneck to substantially reduce lot sizes and allow more frequent

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2. Screenshot of 'Partners' page:



Partners

- Afag Automation AG
- Asys Automatisierungssysteme GmbH
- Centre for Engineering and Manufacturing Excellence Ltd Lbg
- Electrolux Italia S.P.A.
- Elest Automatisierungssysteme GmbH
- Ford Motor Company Ltd
- Fortiss GmbH
- Inotec Ltd
- Introsys - Integration for Robotic Systems, Integração de Sistemas Robóticos, SA
- Kurilga Teknika Hoegskolan
- Linköpings Universitet
- Loughborough University
- Mamec SPA
- SenseAir AB
- Uninova - Instituto de Desenvolvimento de Novas Tecnologias
- We Plus S.r.l.

3. Screenshot of 'About Us' page:

The screenshot shows the openMOS website interface. The browser address bar displays <https://www.openmos.eu/about/aim-objectives/>. The navigation menu includes Home, About, Work Packages, Partners, News & Events, Downloads, and Contacts. The main content area features a breadcrumb trail: Home > About > **Aim & objectives**. To the right, a sidebar titled 'In this section' lists 'Aim & objectives' and 'Vision'. The central graphic is titled 'INNOVATION STRATEGY' and is divided into three columns: Targets, Key Innovations, and Demonstration.

Targets	Key Innovations	Demonstration
<ul style="list-style-type: none"> ① Set-up and Integration Time ② Change Over Effort ③ Energy and Resource Efficiency ④ First-Time-Right Quality ⑤ Standardisation and Interoperability ⑥ Long Term Sustainability ⑦ Information Availability ⑧ Engineering Complexity 	<ul style="list-style-type: none"> Open Manufacturing Operating System Platform Self-organising Smart Factories and Production Systems Cloud Integration and Self-Optimising Methods Standardisation and Open Interoperable Platforms 	<ul style="list-style-type: none"> Design Production Machine Assembly Quality Logistics Service Energy Security Connectivity Autonomous Adaptability Flexibility Resilience Scalability