

Grant Agreement 723600

LASIMM

Large Additive Subtractive Integrated Modular Machine

Deliverable 6.1 Project graphic identity and website



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2 Executive summary

The LASIMM project aim is to develop a large scale flexible hybrid additive/subtractive machine based on a modular architecture which is easily scalable. The machine will feature capabilities for additive manufacture, machining, cold-work, metrology and inspection that will provide the optimum solution for the hybrid manufacturing of large engineering parts of high integrity, with cost benefits of more than 50% compared to conventional machining processes.

This deliverable 6.1 is created in accordance with the description of work of Work Package 6 of LASIMM, particularly Task 6.1, Dissemination. Amongst others, this task specifies the need to develop the LASIMM graphical identity, together with a project logo and its associated colours. The created colour scheme and logo will accompany the project during its entirety, as an harmonised way of transmitting the project image to the public.

Together with this, a project website is also created at the beginning of the project. The website is hosted in the www.lasimm.eu domain. The website will act as the main in information repository regarding the project. It contains several sections, each one dedicated to a specific set of information. The objective is to keep the most updated information about the project developments available both for all the project stakeholders.

The work package leader is EWF (contact details: André Cereja, afcereja@ewf.be).



Figure 1 – Project Logo

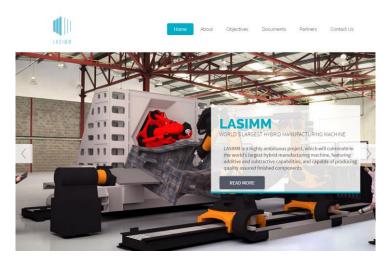


Figure 2 – Website homepage

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3 Introduction

This document contains the description of the work performed in the creation of the LASIMM project graphical identity, as well as the project website.

The creation of a project logo and colour scheme helps in assuring that all the materials created during the project feature the same visual identity. This is an important step in disseminating the LASIMM brand to the public.

The main objective of this website is to serve as a vehicle for the dissemination of the project activities and results. The project website was planned to be delivered in the initial stage of the project, to help the information sharing among the consortium members and between the consortium and the public. This document also summarizes the design, creation and maintenance of the LASIMM project website, available at www.lasimm.eu. The website is part of www.lasimm.eu and www.l

4 Description of work

4.1 Project graphic identity

For the LASIMM consortium, it was important to have a clearly defined, unique visual identity, available from the very start of the project, which can be used both in printed and digital media. During the proposal preparation stage, a draft logo was developed, to support the proposal writing. After the approval of the project, it was decided to discard this initial design, and to re-think the logo to better suit the dissemination needs of the project, as well as the machine concept.

The LASIMM branding is to be easily recognized and remembered. It should also match the machine concept, particularly its fabrication capabilities (additive and subtractive manufacturing).

A team of designers from Foster + Partners produced a set of branding options, which were circulated by the WP leader for reviewing and approval inside the entire consortium. The full details of the various branding versions can be seen in Annex A.

After the comments were received and the partners casted their vote, a final version of the logo was agreed upon. The LASIMM logo is shown next:



Figure 3 – LASIMM logo

This logo is meant to be simple, clear, and relatable to the project. This logo showcases the main features of LASIMM: the additive and subtractive components of the machine concept. The layering of verticals illustrates the additive process, while the sharp edged right hand verticals show the subtractive process in contrast to the rounded left hand side. The logo also gives an idea of the three-dimensional production of components.

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The logo is available in two other colours (black and grey), to match different applications and backgrounds. Variants of blue are also to be used, thus making the full colour pallet of LASIMM's visual identity. The minimum logo size is specified as well. This information is displayed next, in Figure 4 and Figure 5:



Figure 4 – Logo colour variants

Minimum logo size



Figure 5 – Minimum logo size and colour palette

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4.2 Project website

The project website is available for the following URL: www.lasimm.eu. The website is structured in six main tabs: Home, About, Objectives, Documents, Partners and Contact Us.

The aim is to have a continuous updating of the information on the website with the progress and public results, meetings, events and any useful links.

The website development and updating is the responsibility of EWF.

4.2.1 Disclaimer

The Disclaimer is always available in the bottom of the page in every tab available.



Figure 6 - Disclaimer

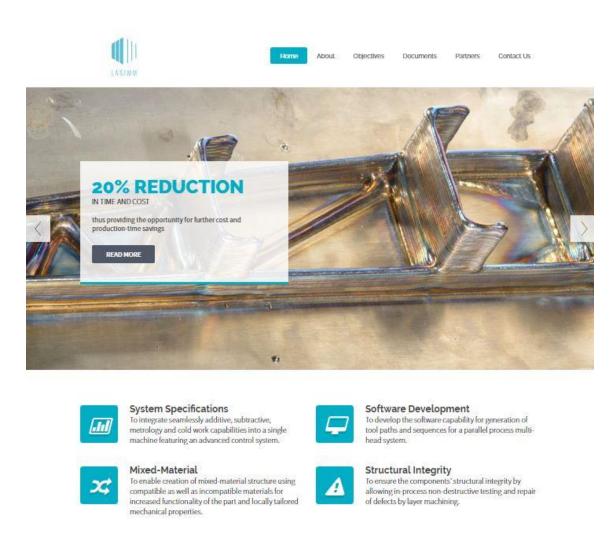
4.2.2 Home

The Home tab is the one presented when a visitor enters the website.

There, a banner contains 2 images that appeal to the visitor, one related to the WAAM process, another to the machine concept. Below, a list of four icons together with short sentences list different project aspects.

The news feed is then located at the bottom of the Home page, to be continuously updated during the project. At the creation of this document, three news are featured:

- Article regarding the project kick off meeting, hosted by the co-ordinator;
- Article on the project presentation made in the Additive Manufacturing European Forum, in Brussels;
- Article on the meeting that took place in London, to discuss the end-user requirements.



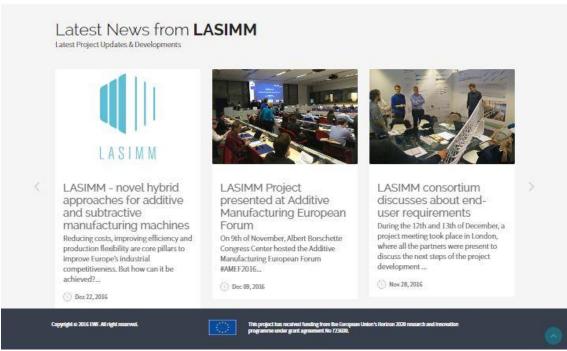


Figure 7 – Home page

4.2.3 About

The About tab contains a summary of the LASIMM project scope, and main features.



Figure 8 – About tab

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4.2.4 Objectives

The Objectives tab lists the main expected results of LASIMM, together with the Benefits and project Impact. A rolling set of images of related to the industrial sectors of the three end users is also featured.



Figure 9 – Objectives tab

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4.2.5 Documents

The Documents tab is still in development at the moment. Its main point is to share documents with the public, being possible their downloads

Currently, it contains 2 publicly available files, the project Press Release and a short Project Presentation. As the project progresses, this section will be populated with more contents.



Project Documents

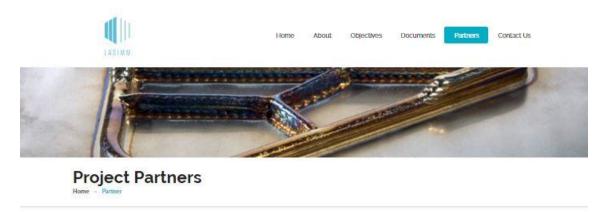




Figure 10 - Documents tab

4.2.6 Partners

In the Partners tab it is possible to see all the partners involved in the project along with a brief description on their own companies and links to their websites.



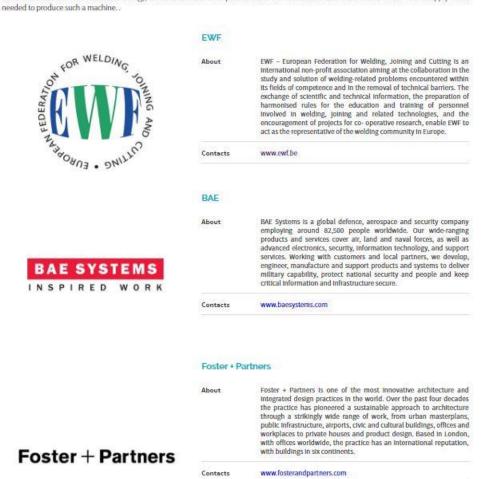
Meet Our Partners

The LASIMM project aim is to develop a large scale flexible hybrid additive/subtractive machine based on a modular architecture which is easily scalable. The machine will feature capabilities for additive manufacture, machining, cold-work, metrology and inspection that will provide the optimum solution for the hybrid manufacturing of large engineering parts of high integrity, with cost benefits of more than 50% compared to conventional machining processes.

A key part of this project is the development of ICT infrastructure and toolboxes needed to programme and run the machine. The implementation of parallel manufacturing is extremely challenging from a software perspective and this will be a major activity within the project.

To deliver this extremely demanding and ambitious project a well-balanced expert team has been brought together.

There are **ten partners** comprising six companies, two Universities and two research institutes. Two of the companies are SMEs and there are three end users from the renewable energy, construction and aerospace sectors. The consortium also features the whole of the supply chain



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Vestas

Vestas is a global energy company dedicated exclusively to wind energy - improving business case certainty and reducing the cost of energy for our customers. Vestas works in close partnership with customers to offer the most effective solutions towards energy independence. Our core business is the development, manufacturing, sale and maintenance of wind power plants – with competencies that cover every aspect of the value chain from site studies to service and maintenance.

Contacts

www.vestas.com

Cranfield University



At the forefront of aerospace and manufacturing technology for over 60 years, Cranfield University (CU) takes a practical and holistic approach to research. Pan-university collaboration delivers multi-disciplinary solutions to the complex challenges facing the aviation and manufacturing industries. The University one of the largest cacdemic centres in Western Europe for strategic applied research, and have decades of experience working closely with partners across the globe including governments, regulatory agencies, research councils and other academic collaborators. The excellence of the manufacturing department was ranked Top 2 in the UK for research power. The Welding Engineering and Laser Processing Centre (WELPC) which is within the manufacturing department specialises in fundamental, strategic and applied research in the area of advanced fusion joining processes, laser processing and high deposition rate additively manufactured structures.

Contacts

www.cranfleld.ac.uk

Global Robots Ltd

About

Global Robots Ltd is a company based in the UK that buys, refurbishes and sells new and used industrial robots and robot spare parts. We started in 2004 with the goal of making robots affordable to a far wider market than ever before by supplying high quality, used robotic equipment at low prices. We buy and sell robots in large numbers enabling us to keep prices competitive. We have over 600 robots in stock here in Bedfordshire with many more located at our facilities in The Netherlands and India. Focusing on the supply of robots rather than their installation we sell robots from all the main manufacturers including ABB, Fanuc, Motoman and Kuka. We also build robotic systems for welding, handling, milling etc and supply to customers all around the world.

Contacts

www.globalrobots.com



Vestas.



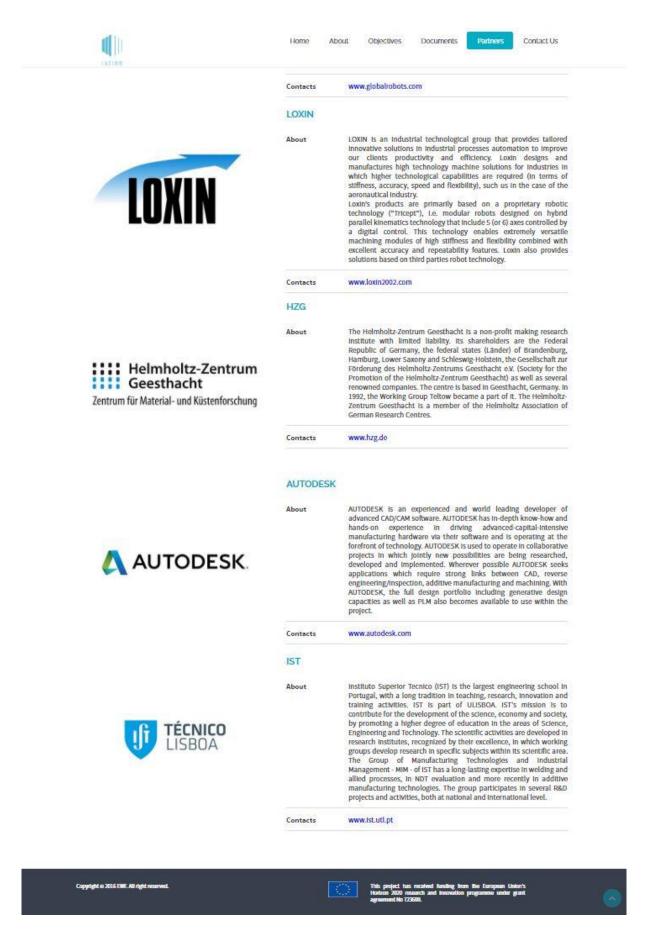
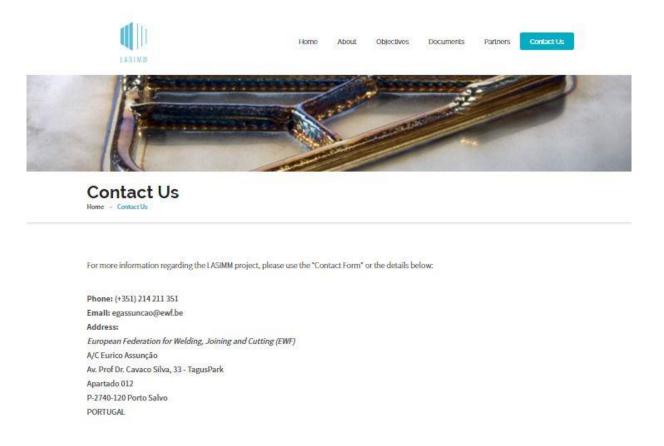


Figure 11 - Partners tab

4.2.7 Contact Us

The Contact Us tab main objective is to allow the public in general that can be interested in the project results to know, or to have a direct contact with the consortium.

This contact form is received by the project coordinator, EWF.



	Hear From You the LASIMM project, please use the "Contact Form"		
Your full name	E-mail Address	Subject	
Message			
8			<i>%</i>
SUBMIT			

Figure 12 – Contact Us tab

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5 Conclusions

This document contains the information related to the LASIMM project selected graphic identity (logo and colour scheme), together with an overview of the project public website.

Screen captures are provided for the several webpages of the website (www.lasimm.eu).

As mentioned before, the website will be constantly updated throughout the project duration, to provide accurate, up to date information to the project stakeholders.

Annex A

Route 1

Clean/elegent/muted/corporate.
Applicable across print and digital media
Defined visual language and art direction.

LASIMM Branding Presentation: November 2016 2 Foster + Partners

Logotype lockup 1.0



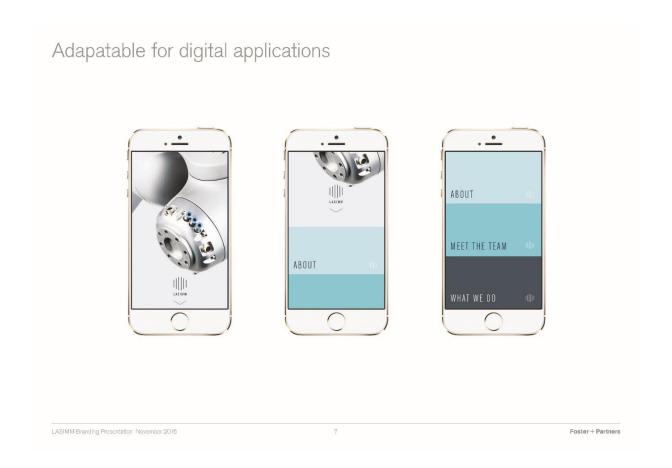
LASIMM Branding Presentation November 2016 3 Foster + Partners



Brand adapatable for print



LASIMM Branding Presentation November 2016 6 Foster + Partners



Route 1 (Alternatives)

Clean/elegent/muted/corporate.
Reflective of both additive and subtractive processes

LASIMM Branding Presentation November 2016 8 Foster + Partners

Logotype lockup 1.1

Layering of verticals illustrates additive process, whilst reduction of line weights illustrates subtractive process





LASIMM Branding Presentation November 2016 9 Foster + Partners



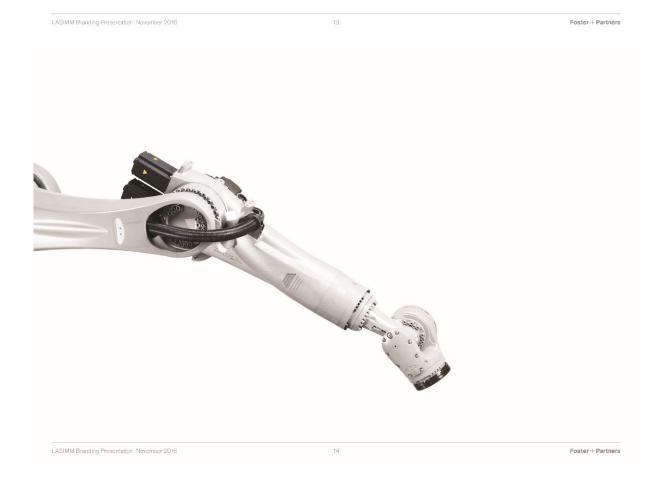


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Logotype lockup 1.2

Indicative of 3D production Layering of verticals illustrates additive process, whilst the positive verticals are removed and negative left illustates the subtractive process.





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Logotype lockup 1.3

Indicative of 3D production Layering of verticals illustrates additive process, the sharp edged right hand verticals show the subtractive process in contrast to the rounded left hand side.





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Foster + Partners



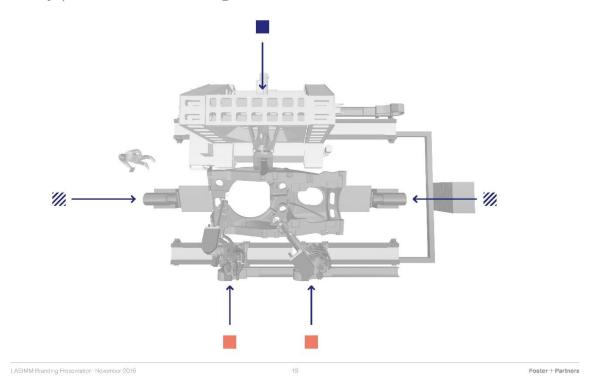
LASIMM Branding Presentation November 2016

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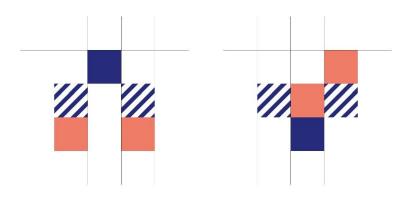


5 key points allow full range of movement



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Multiple combinations of movement



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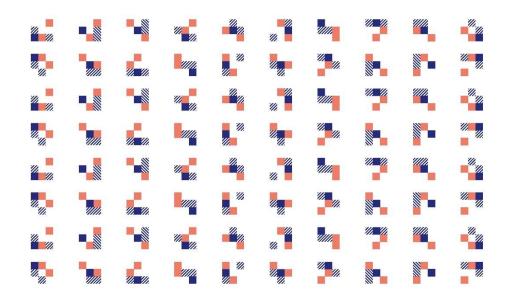
Unique identities under the same brand



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