ACASIAS

Public Website

Deliverable 7.6

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LIST OF CONTENT

1.	EXECUTIVE SUMMARY	4
1.1.	Introduction	4
1.2.	Brief description of the work performed and results achieved	4
1.3.	Deviation from the original schedule	4
2.	WORK PERFORMED	4
2.1.	Main objective	4
2.2.	Implementation schedule	4
2.3.	Website structure and content	5
2.4.	Social network	15
3.	CONCLUSION AND OUTLOOK	17

1. EXECUTIVE SUMMARY

1.1. Introduction

This deliverable report describes the design and implementation of the lay-out, content and features of the ACASIAS public website.

1.2. Brief description of the work performed and results achieved

The public website presents the features and functionalities that are aligned with the current state of the art technologies e.g. web 2.0 technologies, CSS3, and HTML 5. The website has also been optimized for mobile devices (screen resolution: 979 pixels), making it responsive for touchpads.

1.3. Deviation from the original schedule

The preparation of the content of the website started in July 2017. The layout of the proposed website structure and images has required several modification and validation loops in order to achieve the desired result. In the meantime, several novel images have been created by the multimedia department at NLR to illustrate the innovations and impact. This preliminary work was delayed by the holidays period in August 2017. Therefore, the development of the website started in September 2017. The offline version of the website was made available on 22/09/2017 for review and comments by the partners. The public website was released on 5/10/2017 with one month delay compared to the original schedule.

2. WORK PERFORMED

2.1. Main objective

The main objective of the ACASIAS website is to provide updated online information about the project, its goals and progress, the consortium partners and their communication / dissemination activities.

This information can be found at: <u>www.ACASIAS-project.eu</u>

The ".eu" domain has been used to highlight the EU initiative underlying the activities of the project. The name of the domain is registered for 2 years beyond the project's end date in accordance with the EC recommendations.

2.2. Implementation schedule

Initially, the ACASIAS website was to be released in M03 of the project (September 2017). The creation of this communication channel and its internal review by the partners was extended: the consortium released the website publicly in October 2017.

2.3. Website structure and content

The design of the website respects the usual structure and organisation used by most public websites. The menu of the ACASIAS website has been designed as shown in Figure 1. The main sides of the home page are Overview, Consortium, Knowledge, and News and events.

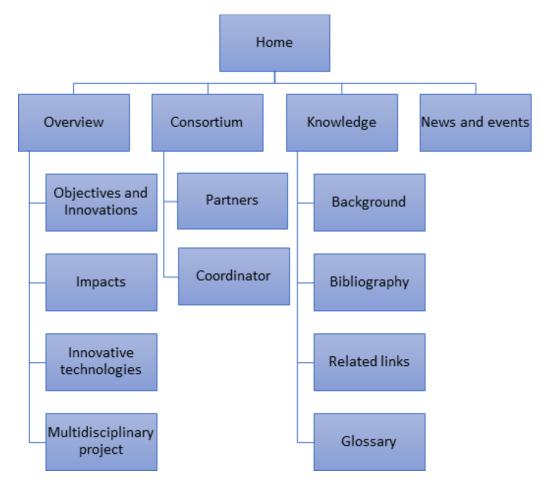


Figure 1: ACASIAS website architecture

Each page has a unique title tag in the header section of the page's HTML code. This benefits the ranking of project web pages in search engines.

The following sections will briefly describe each web page.

2.3.1. Homepage

The Homepage is the most viewed page of the website since most visitors start their navigation from this page.

The plan is to acquaint an initial visitor with the overview of the project while making sense to a "technically literate" individual outside the ACASIAS immediate community. The homepage aims to briefly tell the "project story" i.e. to outline the real-world scenario and benefits that are expected of this research and innovation action.

The Homepage contains a short introduction to the ACASIAS main objective, expected impacts, objectives and innovations and consortium. The sub-areas introduce "key" pages of the website (links re-directing to relevant pages):

Expected impacts;

- Innovations and consortium;
- Consortium.

Additionally, the bottom of the page includes a line with the link to the most recent piece of news re-directing to a more elaborated description of the related item on the dedicated pages.

Full imprint and disclaimer are also mentioned on this page.

The bottom of the page includes an access to the private project platform. The image below shows the Homepage of the website:

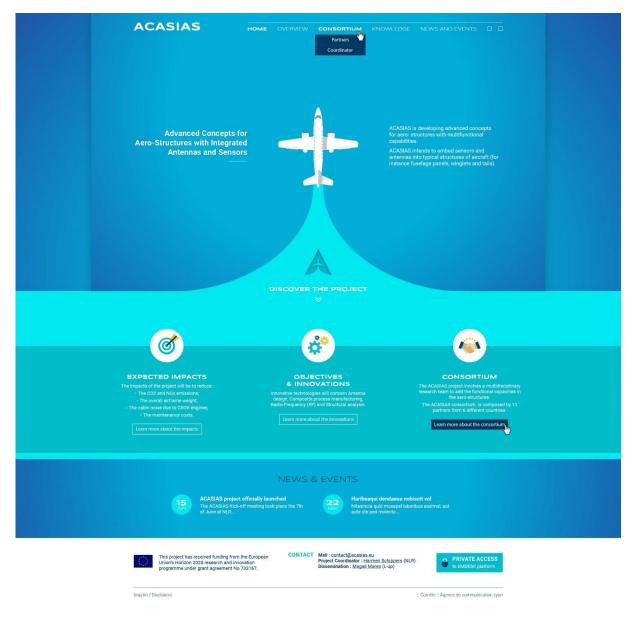


Figure 2: Homepage

2.3.2. Page "Objectives and innovations"

This page presents the main innovations of the project ACASIAS summarized in dynamic and interactive image. The four project innovations are indicated by a window on an aircraft, and are dynamically displayed underneath:



Figure 3: Objectives and innovations page

2.3.3. Page "Impacts"

The objective of this page is to present the expected impacts from the ACASIAS research work. These impacts are summarized and several images are dynamically displayed to show the evolution before and after the project.

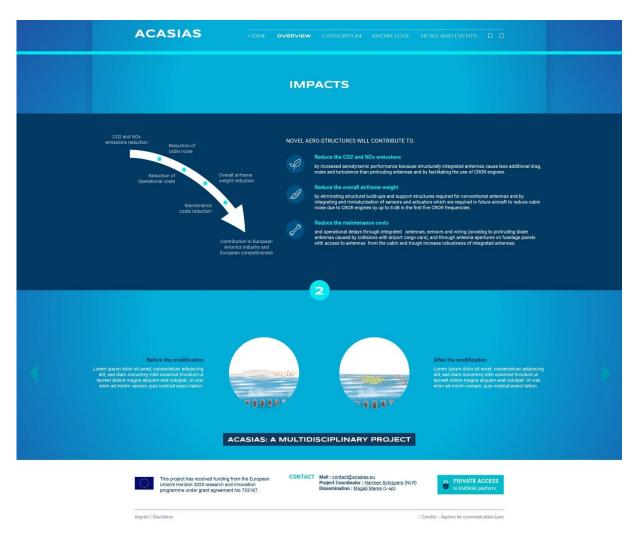


Figure 4: Impacts pages

2.3.4. Page "Multidisciplinary Project"

The objective of this page is to introduce the expertise gathered to achieve the ACASIAS research and the development steps planned for each innovation. The image below shows the screenshot of the "Multidisciplinary Project" page:

MULTIDISCIPLINARY PROJECT
Mechanical argineering Design and testing mechanics of fuselage panels and wingles Design and testing mechanics of fuselage panels and wingles Design and testing mechanics of fuselage panels and wingles Design and testing mechanics of fuselage panels and wingles Design of attennas to be integrated within the initiations coming from structural constraints Design of flipthweight of fuselage panels and wingles Design of flipthweight indications coming from structural constraints Design of flipthweight minications coming from structural constraints Design of flipthweight minications coming from structural constraints Design of flipthweight minications constructural constraints Design of flipthweight minications constructure resistants Design of flipthweight minications constructure resistants Design of flipthweight minications constructure resistants Design of descentering Design of descentering mechanics and molecure resistants Design of descentering mechanics Descentering mech
Preliminary design Detailed design Manufacturing Testing and evaluation
This project has received funding from the European Union's Horizon 2220 research and innovation programme under grant agreement No 733157.
Imprint / Disclaimer :: Comète :: Agence de communication Lyon

Figure 5: Multidisciplinary project page

2.3.5. Page "Partners"

This page presents the logos of the 11 partners of the ACASIAS consortium. A click on a partner's logo re-directs the visitor to the short partner description. A click on the logo in the partner description redirects to the homepage of the partner organisation. The image below shows the screenshot of the "Partners" page:



Figure 6: Partners page

2.3.6. Page "Coordinator"

This section depicts NLR expertise and the coordinator curriculum.



Figure 7: Coordinator page

2.3.7. Page "Background"

This page provides the previous projects useful in the context of the project.



Figure 8: Background page

2.3.8. Page "Bibliography"

This page provides the State of the Art bibliography useful in the context of the project.



Figure 9: Bibliography page

2.3.9. Page "Related links"

This page provides the related links useful in the context of the project.



Figure 10: Related links

2.3.1. Page "Glossary"

This page provides the acronyms useful in the context of the project.

GLOSSARY		
Α		
ASAC Active Structural Acoustic Control	- INMAR Intelligent Materials for Active Noise Reduction	
ATM Air Traffic Management	IPAS Installed Performance of Antennas on Aero-structures	
В	0	
BVID Barely Visible Impact Damage	OEM Original Equipment Manufacturer	
С	Р	
CEM Computational Electro-Magnetics	PCB Printed Circuit Board	
CERFAC Cost Effective Reinforcement of Fastener Areas in Composites	PDR Preliminary Design Review	
CFD Computational Fluid Dynamics		
CFRP Carbon Fibre Reinforced Polymer	R	
CFS Certificate on the Financial Statement	RF Radio-Frequency	
CROR Contra-Rotating Open Rotor		
CSM Computational Structural Mechanics	S	
D	SANDRA Seamless Aeronautical Networking through integration of Data links, Radios and Antennas	
DDR Detailed Design Review	SATCOM Satellite Communication	

Figure 11: Glossary page

2.3.2. Page "News and events"

This page provides the list of the project-related pieces of news in a reverse chronological order (i.e. most recent items are located on top of the page). The image below shows the screenshot of the "News and Events" page:

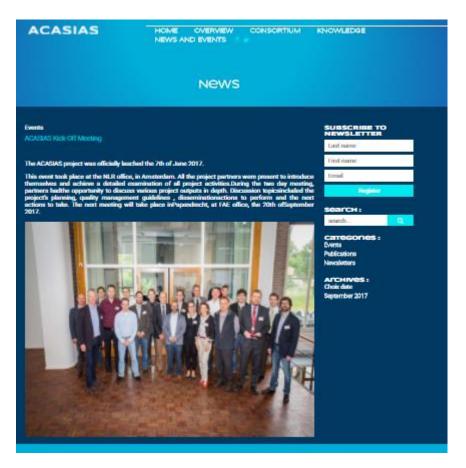


Figure 12: News and events page

2.4. Social network

The ACASIAS social network pages have been created on Facebook and Twitter (<u>https://twitter.com/Acasias Project</u>, <u>https://www.facebook.com/Acasias-120113045374698/</u>) in order to notify its network members about future events related to the project and to animate discussion around the project. The pages on LinkedIn and Research Gate are going to be created. The social network pages are accessible from the ACASIAS website.

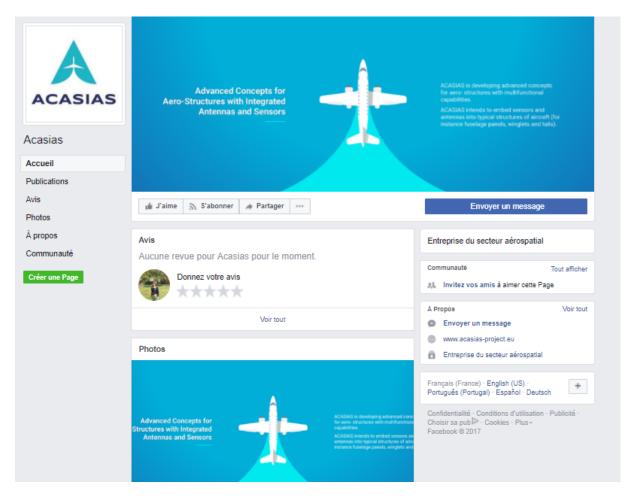


Figure 13: Facebook page



Figure 14: Tweeter page

AND

3. CONCLUSION OUTLOOK

The objective is to regularly update and enrich the website through the section "News and Events" which is the traditional conveyor of the project life. However, other sections are also planned to be developed:

- A page results will be created to inform on the progress and achievements of each WP;
- Other possible improvements that will be brought to our knowledge by the consortium itself or by the "ACASIAS community" created around the project.

The modifications and improvements of the website will be periodically reported in the updates of the Dissemination Action Plan. In case of major modifications, the proposals will be brought to the attention of the members of the General Assembly. Their approval will be requested in conformity with the Consortium Agreement.