





Deliverable 6.1 ACES Brochure and Public Website

Grant Agreement Number: 10109312

































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Call identifier HORIZON-CL4-2022-DATA-01

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D6.1 – ACES Brochure and Public Website

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The ACES consortium consists of the following partners:

No	Partner Organisation Name	Abbreviation	Country
1	INSTITUTO DE ENGENHARIADE SISTEMAS E COMPUTADORES, INVESTIGAÇÃO E DESENVOLVIMENTO EM LISBOA	INESC ID	PT
2	HIRO MICRODATACENTERS B.V	HIRO	NL
3	TECHNISCHE UNIVERSITAT DARMSTADT	TUD	DE
4	LAKESIDE LABS GMBH	LAKE	AT
5	UNIVERZA V LJUBLJANI	UL	SI
6	UNIVERSIDAD POLITECNICA DE MADRID	UPM	ES
7	MARTEL GMBH	MAR	СН
8	SCUOLA UNIVERSITARIA PROFESSIONALE DELLA SVIZZERA ITALIANA	IDSIA	СН
9	INDEPENDENT POWER TRANSMISSION OPERATOR SA	IPTO	EL
10	DATAPOWER SRL	DP	IT
11	SIXSQ SA	SIXSQ	СН





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Executive Summary

This document constitutes a preliminary report on the brand developed for the Horizon Europe project ACES. The purpose of this document is to present the latest version of the preliminary brochure and the public website, which will be in turn enriched following the input of the project partners.





1. Introduction

The brochure and public website are a first set of resources for the dissemination and communication of the Horizon Europe project ACES. The production of a branding starter pack is justified by the need to begin communication activities at early stages of the project timeline in a coherent way with the forthcoming efforts. The complete set of resources for dissemination and communication activities is include in D6.2, the 1st Communication, Networking Plan, Dissemination Strategy Report.

ACES Brochure and Public Website





2. Website of the project ACES

The Horizon Europe project ACES establishes its online presence through a website: https://www.aces-edge.eu. This will be akin to a single point of contact for all information related to ACES project and a pivotal channel for communication and dissemination of the project's activities, findings, and results. Additionally, it will offer the opportunity to stakeholders to follow the developments throughout the project duration and subscribe to the project's newsletter.

2.1 Structure of the website

The first version of the website structure includes:

- Home page
- About
 - Description of the project
 - o The Pillars
 - The Partners
- Pilots
 - Downloads
- News

The **Home page** provides an overview of the project and functions as a link to the other sections of the website. The other sections dive deeper into the project. The **About** section includes a page that describes the project's context, the issues addressed, the solution advanced, and the specific objectives of ACES. Additionally, it includes a page about the consortium partners, with a small presentation and brief description. Finally, it includes a page on the governance of the project, including a description of the work packages and the leadership team (i.e., project's coordinator, dissemination manager, PMO, etc.). The section about the **Pilots** gives access to the three use cases of ACES. The current version of the website offers a high-level overview of the pilots, since these will be designed in detail only after the completion of the general blueprint. This section is likely to be the object of the first website update. Finally, we have the **Downloads** and the **News** sections. Note that the News section is not yet part of the first structure of the website (albeit is part of the stage website) because there are no news/articles available yet, as we are just in its preliminary stages. Further, there is a button "Join Us" which opens a contact form used to engage with relevant stakeholders.

The following figures illustrate the Website look and feel.





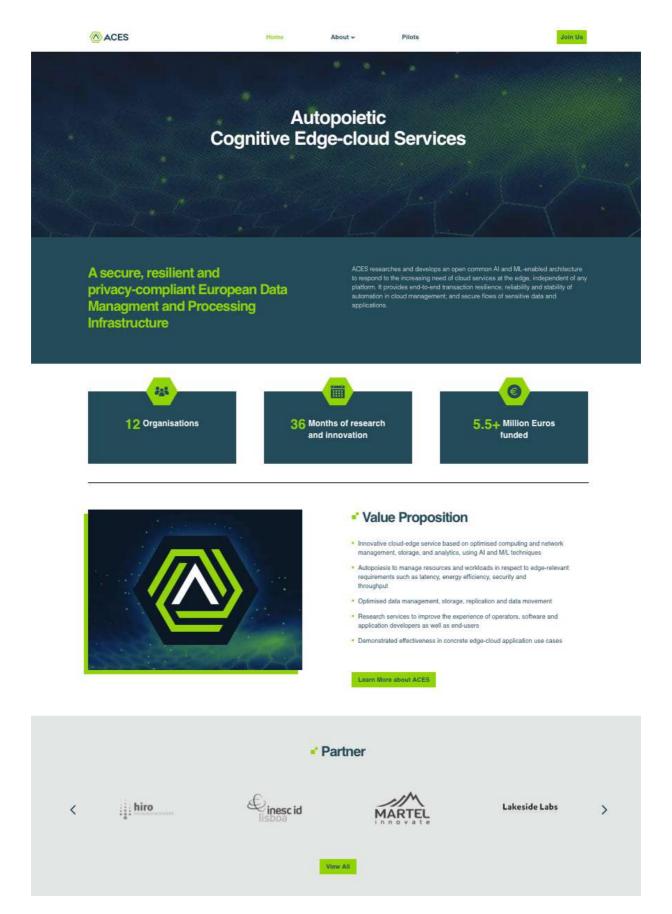


Figure 1 – Home page – first section







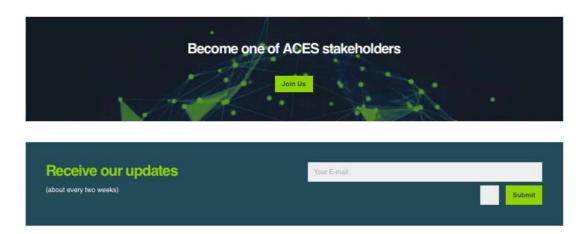
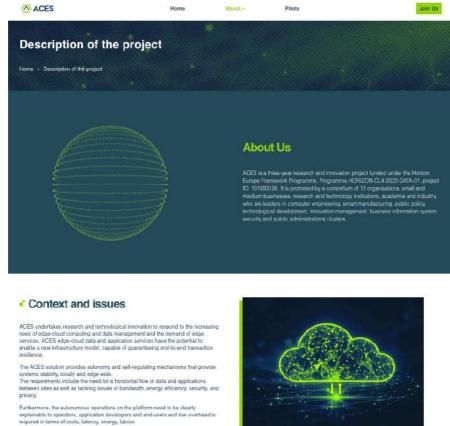




Figure 2 - Home page - second section







The solution offered by ACES

ACES will provide an edge-services cloud with hierarchical intelligence, specifically autopolesis and cognitive behaviours to manage and automate the platform.

These solutions include: Autopoiesit-based edge-services cloud; awareness tools, AIMI, agents for workload placement, service and resource management, data and policy management, letternety and mortioning. Autopoisis agents to safeguard stability in situations of externe lead and complexity. Swarm echnology-based methodology and implementation for orchestration of resources; Edge-wide workload placement and optimization; App store for classification, storage, sharing and rating of AI models used in ACES.

Key Outcomes



Figure 3 - Description of the project section one







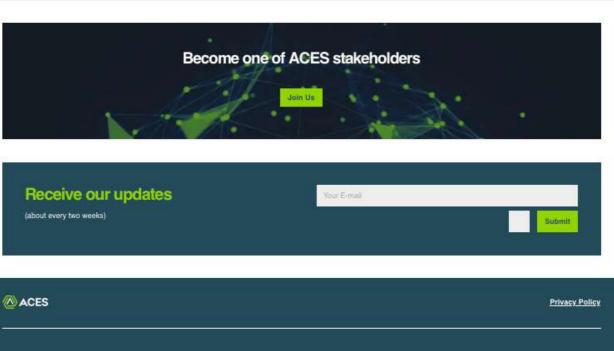




Figure 4 - Description of the project section two

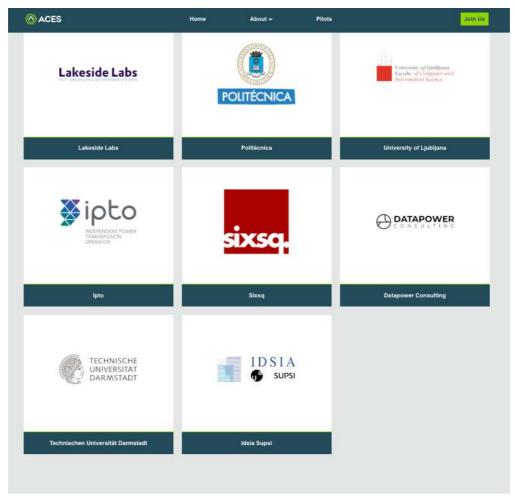






Figure 5 - The Pillars of ACES





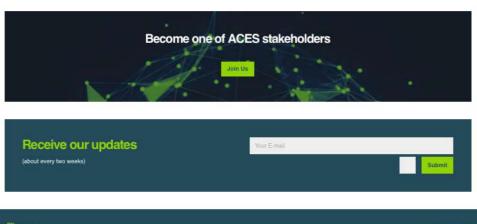




Figure 6 - The ACES Partnership





2.2 Analytics

For the analytics of the traffic on the website, a GDPR-compliant tool was chosen, Matomo Analytics, which guarantees that collected data is never used for marketing or any other third-party purposes. The data owner retains the full ownership and control over data, knowing exactly which data is used for what purposes.

Matomo Analytics keeps all the data locally and does not share them with any third entity. It is a powerful open source tool, consistently with its name, which means "honesty" in Japanese.

The analytical tool of choice offers:

- Web and mobile analytics
- Conversion Optimization features (Heatmaps, Session Recording, AB Testing, Funnels, Form Analytics)
- Visitor Profiles
- Tag Manager
- No data limits
- No data sampling
- White label reporting and custom designed interface

The site has recently gone online, therefore there is no data yet to be presented in the dashboards.

A few screenshots are presented next to show the data and indicators provided, which will support the analysis and assessment of the KPIs indicated in the ACES proposal.





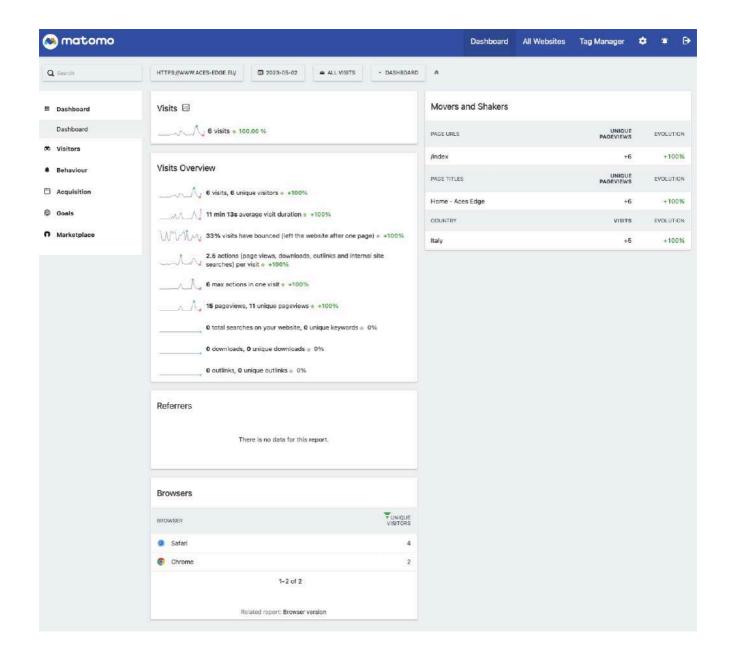


Figure 7 - Web Analytics Dashboard





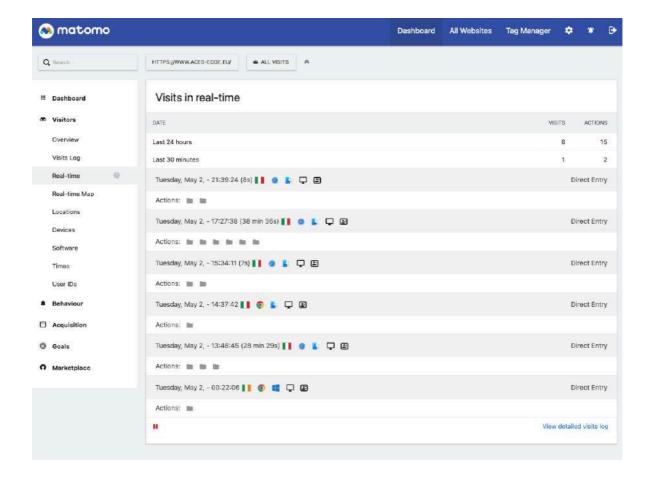


Figure 8 - Visits in real-time



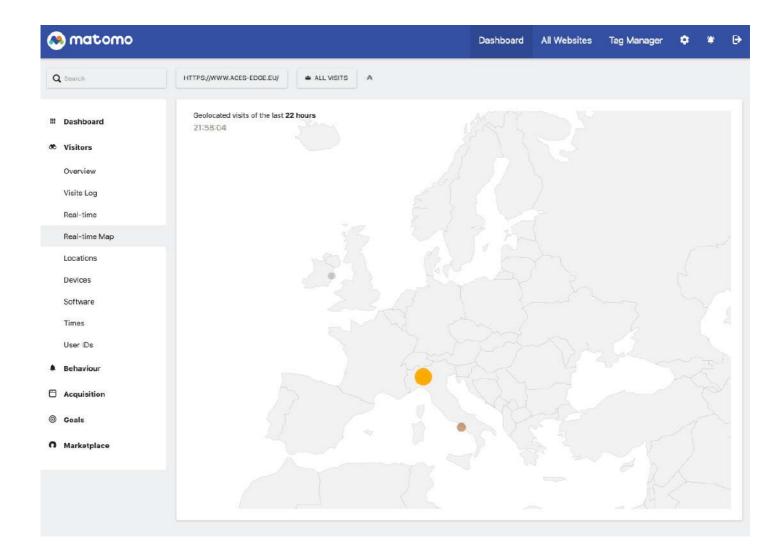


Figure 9 - Real Time Map of traffic



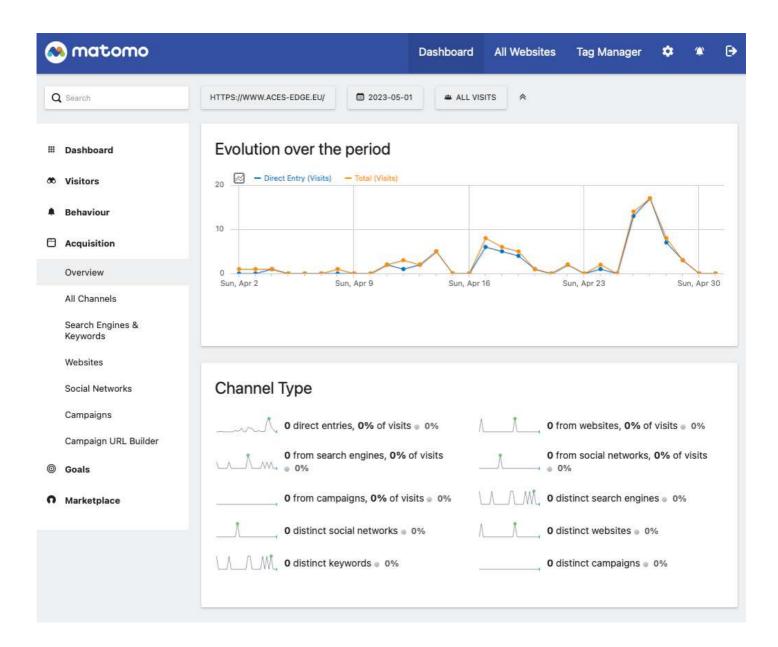


Figure 10 - Acquisition: Monitoring over the period



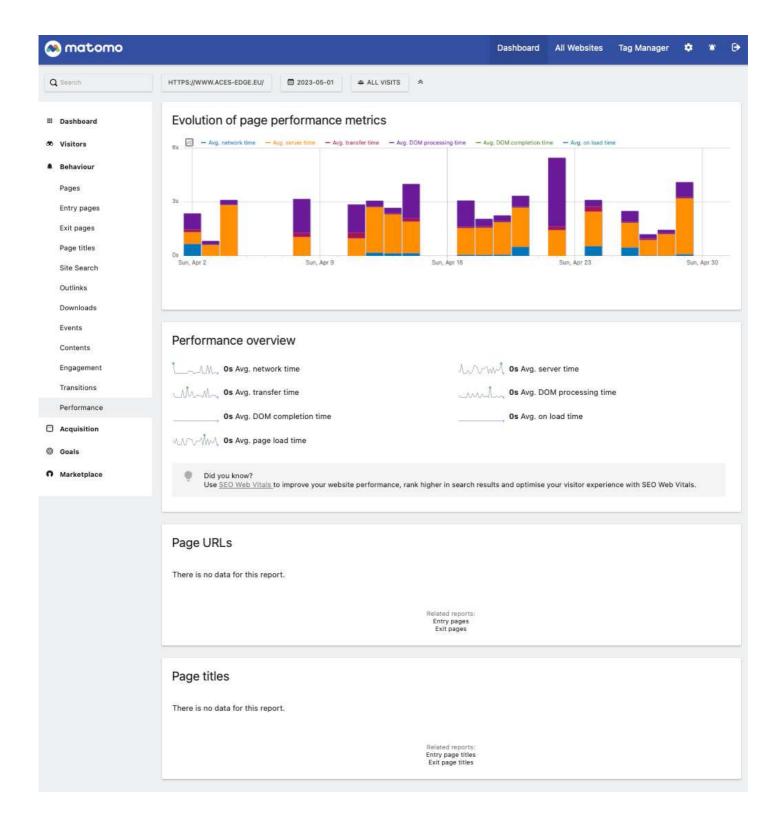


Figure 11 - Evolution of page performance metrics





3. Project brochure

The current version of the brochure is shown in the following figures.



Figure 12 - Brochure (page 1)









ACES is a three-year research and innovation project funded under the Horizon Europe Framework Programma, Programma HORIZON-CL4-2022-DATA-01, project ID: 101003126. It is promoted by a consortium of 12 organisations, small and medium businesses, research and technology institutions, academia and industry, who are leaders in computer engineering, smart namufacturing, public policy, technological development, innovation management, business information system security and public administrations clusters.

Innovative cloud-edge service based on optimised computing and network management, storage, and analytics, using AI and Mil. techniques. Autoposes to manage resources and workloads in respect to edge-relevant requirements such as latency, energy efficiency, security and throughput. Obtimised data management, storage, replication and data movement. Research services to improve the experience of operators, software and application davelopers as well as end-users.



Context and issues

ACES under takes research and technological innovation to respond to the increasing need of edge-cloud computing and data management and the demand of edge services. ACES edge-cloud data and application services have the potential to enable a new infrastructure model, capable of guaranteeing end-to-end transaction resilience.

The ACL's solution provides autonomy and self-regulating mechanisms that provide systems stability, locally and edge-wide. The requirements include the need for a horizontal flow of data and applications between sites as well as tackling issues of bandwidth, energy efficiency, security, and privacy.

Furthermore, the autonomous operations on the platform need to be clearly explainable to operators, application developers and end-users and low-overhead is required in terms of costs, latency, energy, labour.



ACES will provide an edge-services cloud with hierarchical intelligence, specifically autopolesis and cognitive behaviours to menage and automate the platform.

These solutions include: Autopolesis-based edge-services cloud; awareness tools, AVML agents for workload placement, service and resource management, data and policy management, telemetry and monitoring. Autopolesis agents to safeguard stability in situations of extreme load and compexity; Swarm technology-based methodology and implementation for orchestration of productions.

resources; Edge-wide workload placement and optimization; App store for classification, storage, sharing and rating of Al models used in ACEs.

Figure 13 - Brochure (page 2-3)







Figure 14- Brochure (page 4-5)







Figure 15- Brochure (page 6-7)







Figure 16- Brochure (page 8)

The brochure is intended to be printed and distributed mainly in such format, that is mainly electronically. In case it shall be deemed necessary, the brochure will be printed and distributed at every public event organised by the project consortium and ideally also attended by at least one of the partners. The brochure combines an appealing aesthetic on its external side with rich information on the internal side. The content aims to help the reader build a clear understanding of the problem identified by the project and the envisioned solution. The brochure highlights the real-life scenarios where this problem can be witnessed and addressed.

Before printing the brochure physically, the texts will be updated according to the outcomes of the blueprint development workshop.





4. Conclusions

The present document is a report on the development of the brochure and the public website for the Horizon Europe project ACES. With this regard, this report shows the brochure designed for ACES and provides an overview of the designing process. Additionally, it introduces the first version of the website showcasing some of its components and design elements. The next steps in the realm of dissemination and communication activities are the development of a strategy for dissemination and communication in cooperation with the consortium (e.g., synergies with other initiatives, events and publications planned), a review of the materials produced so far that includes feedback from the consortium and accessibility controls, and the full roll-out of communication activities. Specifically, D6.2 contains the communication, networking plan, and dissemination strategy.

ACES Brochure and Public Website





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