



AFRICAI-RI: A Pan-African Research Infrastructure for Collaborative Biomedical Imaging and Artificial Intelligence

Deliverable D10.1: Project Website

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Version log

Issue Date	Version	Involved	Comments
02.02.2026	0.1	UB	Initial version, first website for review
16.03.2026	0.2	UB, CISM, ISGLOBAL	Partners feedback and updates.
17.03.2026	1.0	C. Kessler, L. Garrucho Moras & K. Lekadir (UB)	Revised and corrected final version submitted to EC.

Executive Summary

This deliverable reports on the launch of the project website (deliverable 10.1), which serves as a central element of the project's communication and dissemination strategy. Its primary purpose is to provide clear, accessible information about the project's objectives, activities, and results to a broad range of stakeholders, including researchers, industry, policymakers, and the general public. The website supports the project's visibility by offering a reliable platform for regular updates, public engagement, and open access to project outputs.

The main features delivered include a structured presentation of the project concept and consortium, dedicated sections for work packages and results, a news and events area, contact and GDPR-compliant forms, and a consistent visual identity incorporating the EU emblem and mandatory funding acknowledgement. Designed with accessibility and usability in mind, the website provides a solid foundation for ongoing communication efforts and will be updated throughout the project lifecycle.

The website is publicly accessible at <https://www.africai-ri.eu> and will remain the central hub for project communication throughout the project lifecycle.



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Acronyms

Name	Abbreviation
A Pan-African Research Infrastructure for Collaborative Biomedical Imaging and Artificial Intelligence	AFRICAI-RI
Artificial Intelligence	AI
Manhiça Health Research Centre	CISM
Ethical, Legal, and Social Issues	ELSI
European Union	EU
General Data Protection Regulation	GDPR
Sub-Saharan Africa	SSA
Universitat de Barcelona	UB
Web Content Accessibility Guidelines	WCAG
Work Package	WP



1 Objectives

The AFRICAI-RI website (www.africai-ri.eu) has been developed as the main public-facing online presence. The website describes the project, its progress and news. Furthermore, it will store all publicly available resources created by the project, will host our open research calls and will provide a continuous touchpoint for all stakeholders and the consortium. As it contains the most important information about the project, efforts are made to keep the information understandable for the general public. The project website aims to achieve:

- Increase visibility of AFRICAI-RI and its results
- Provide clear and accessible information about the project
- Support dissemination of scientific and project outputs
- Provide regular updates to stakeholders and the public
- Host and make publicly available project resources

The website serves all our project stakeholders, with different pages targeting different groups. The target groups to whom we will disseminate results are:

- ELSI
- Healthcare
- Civil society
- Scientific and academic
- Industry
- General public

The website is a constantly changing and evolving platform. The initial release provides basic functionality and information but will change substantially over the course of the project. The adaptability of the platform and the strong trustworthy branding we will be creating will assist in not only reaching audiences throughout the project, but will ensure sustainability of impact long after the project ends.

2 Description of the website

The project website is structured to achieve efficient dissemination and communication, while at the same time ensuring accessibility and smooth navigation. The menu at the top of the page remains at the top for easy navigation.

This section describes the architecture and the content of the website.

2.1 Sitemap

During the course of the project, content to each section will be added and adapted, however the overall structure of the website is as follows:

- Home
- About
 - About the Project
 - Objectives
 - Work Plan
 - Use Cases
 - The Federated Research Infrastructure
- Partners



- News
- Open Calls
- Resources
 - Results
 - Training Material
 - Imaging Data Schools
- Contribute
- Contact
- Footer

2.2 Content

Content will be added, removed and updated continuously to ensure the website remains relevant.

Home: The landing page features an attention-grabbing hero element at the top of the page. This is followed by more details about the objectives of the project. The homepage visualises and gives a brief description of the project, understandable to laymen. Furthermore, it includes our call to action to explore the pages and subscribe to join the network.

The Project: This section provides more information on the project, the current challenges of AI healthcare implementation in Africa and our vision, as well as outlines expected impact. This page has five subpages. “About the Project” provides the visitor with more information about the project, including our expected results. The Objectives page provides an overview of our six key objectives. The “Work Plan” page breaks down all our Work Packages with their individual objectives. “Use Cases” lists our four clinical use cases, chest X-ray for adults and children and chest ultrasound for adults and children. And finally the “Federated Research Infrastructure” describes the technical set up of our project more.

Partners: Here we feature all Consortium Partners with their relevant logos, descriptions and website links. Every partner can be clicked on for navigation to more details about each partner. This includes a general description of the organisation, their role in the project and the staff involved.

News: On this page, we display latest news, media features, updates and announcements, targeting the general stakeholders of the project. All partners and WP leaders will contribute to this section with news items.

Open Calls: In late 2027 the project will launch three open research calls. This page at the moment only features minimal information about the calls, but will include an embedded online form for applications when we launch the calls. For transparency and to give the calls sufficient exposure, we have already made this page visible to the public.

Resources: The resources section of the website contains dissemination material, capacity building items and public facing documentation, broken down into three pages. The “Results” page features searchable and sortable tables for three categories of public results: scientific publications, public deliverables and press material. The respective tables will be populated with results as they become available. The “Training Material” page contains easily accessible open training material, as well as all training webinar recordings, embedded from a YouTube playlist. And finally, the “Imaging Data Schools” page contains information and registration



details about the projects' two training schools, held in 2027 and 2028. All pages will be updated throughout the project to create an impactful resource library.

Contribute: Keeping human-centredness and co-creation in mind, we want to actively engage the public and our relevant stakeholders in our project. This section gives visitors an example overview of how they can participate in the project.

Contact: The "Contact" page contains an online enquiry form for stakeholders to contact us to learn more or be involved in the project, ensuring there's an easy and accessible way to reach the Project team.

Footer: And finally, the Footer includes the EU funding disclaimer, privacy policy, cookie settings and quick links.

3 Visual identity and branding

The AFRICAI-RI project's visual identity plays a crucial role in maintaining a consistent and professional image across all communication and dissemination materials. To ensure that all project partners adhere to the same design principles, a set of branding guidelines has been developed. These guidelines cover various aspects of the project's visual identity, including logo usage, typography, colour palette, and other design elements. By following the branding guidelines, partners can ensure that all AFRICAI-RI-related materials are easily recognisable and convey a unified message.

The AFRICAI-RI logo is used as described in deliverable D9.1 *Plan for the Exploitation and Dissemination of Results Including Communication Activities*. The AFRICAI-RI project's colour palette consists of a set of primary and secondary colours that have been carefully chosen to represent the project's values and goals. They are detailed in D9.1 *Plan for the Exploitation and Dissemination of Results Including Communication Activities*.

Black is the primary colour for text. It is also featured in the logo. As primary colour, it is representative and weaves through the project websites, for a consistent feel. Typography plays a significant role in maintaining a consistent visual identity for the AFRICAI-RI project. Deliverable D9.1 *Plan for the Exploitation and Dissemination of Results Including Communication Activities* details the typography used for the website and all other dissemination and communication material.

3.1 Use of the EU emblem and required funding acknowledgement

This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101190731. The website acknowledges this funding and includes a disclaimer regarding the public views of AFRICAI-RI.

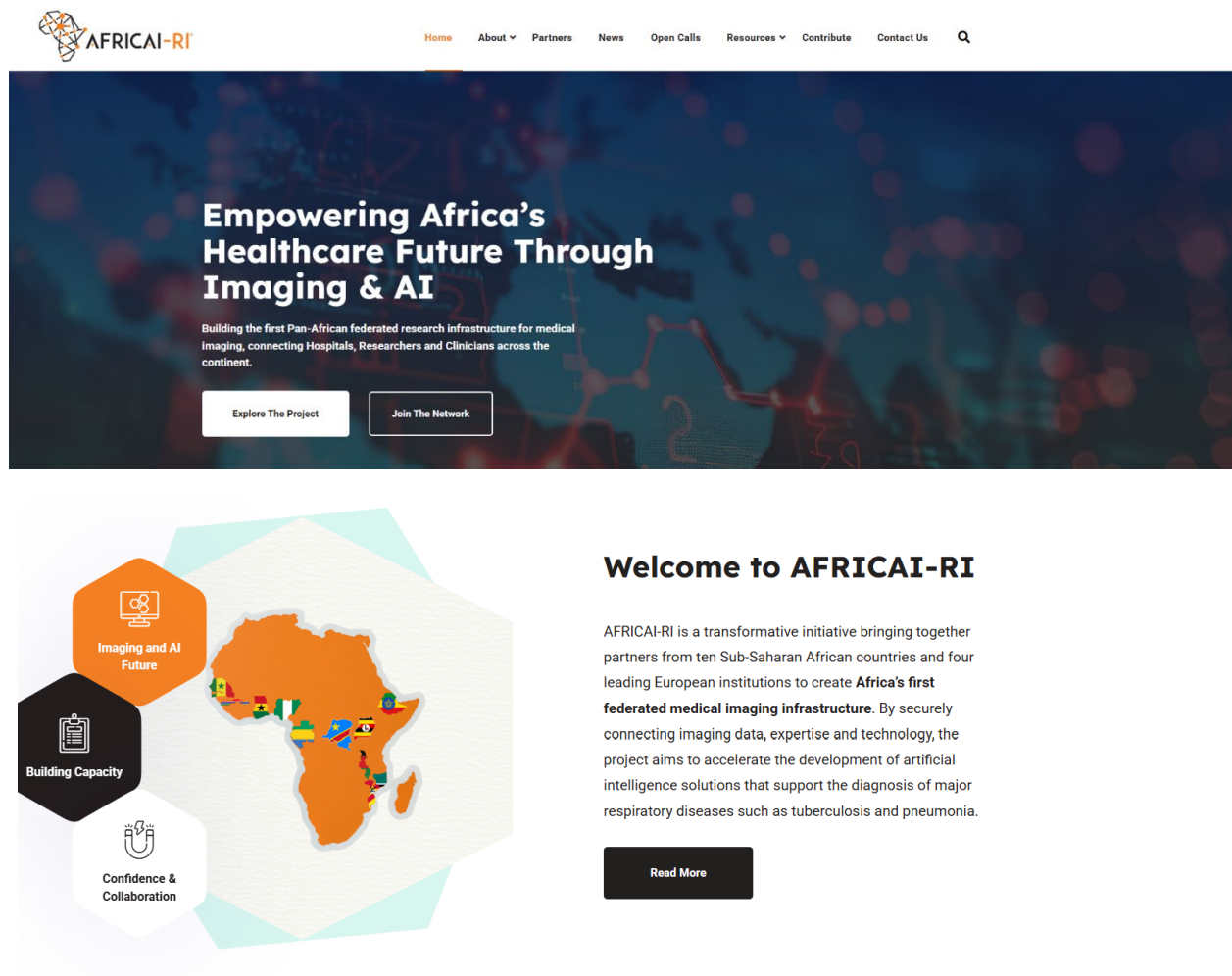




Figure 1 shows the website footer, including the funding statement and the privacy policy.

4 Evidence

Selected screenshots of the AFRICAI-RI website and subpages provide evidence of the launched website.





From African Realities to Real-World Solutions.

Why AFRICAI-RI Matters



AI for medical imaging is growing rapidly worldwide, but most tools are not adapted to low-resource settings



Africa has rich clinical expertise but limited imaging datasets for training safe and effective AI tools



Many healthcare facilities face shortages of radiologists and imaging specialists skilled in interpreting scans

Our Partners

A strong collaboration of African and European Hospitals, Universities, Research Centres and Technology Organisations



Be part of Africa's imaging and AI future, building capacity, confidence and collaboration

Get In Touch

Figure 2: AFRICAI-RI homepage

Work Packages Overview



– WP1: Multi-Stakeholder Mapping and Requirements Analysis 1. Identify relevant SSA stakeholders throughout the project. 2. Conduct qualitative studies to identify ELSI, infrastructure, healthcare, policy, and training requirements. 3. Organise co-creation workshops to refine the multi-stakeholder requirements.
+ WP2: The AFRICAI-RI technical platform
+ WP3: Data operations on the AFRICAI-RI platform
+ WP4: Trustworthy Artificial Intelligence toolkit and Artificial Intelligence use cases
+ WP5: Clinical Research Open Calls
+ WP6: In-Silico Clinical Evaluations of the Artificial Intelligence Tools
+ WP7: Capacity Building and Knowledge Exchange
+ WP8: Project Legacy, Impact and Sustainability
+ WP9: Scientific Project Leadership and Outreach
+ WP10: Project Management and Coordination

Figure 3: Overview of the project's Work Packages





Use Case 1: Adult Chest X-Ray

Distinguishing TB alone, TB with pneumonia, and TB with HIV is critical due to varying treatment strategies, therefore we will develop AI tools to differentiate these conditions. We will ensure ethical compliance, such as by examining fairness according to gender, age, and subgroups.



Use Case 2: Pediatric Chest X-Ray

Paediatric CXR presents unique challenges due to the varying stages of lung development, which can alter how TB appears on CXR images. We aim to extend the existing CAD4TB technology to paediatric populations through AI model training with a unique paediatric CXR dataset.



Use Case 3: Adult Chest Ultrasound

This use case aims to explore whether AI-enhanced CUS can match or potentially surpass the diagnostic capabilities of CXR for TB in adults, to present a low-cost alternative to CXR especially in rural settings. We aim to address common challenges associated with CUS, such as variable image quality and the dependency on operator skills.



Use Case 4: Pediatric Chest Ultrasound

Ultrasound offers a radiation-free alternative to CXR, making it suitable for use in children. We will develop an AI tool to differentiate between viral and bacterial pneumonia, which have overlapping clinical presentations, yet each type requires a distinct treatment strategy.

Figure 4: Shows our four Use Cases explained in easily understandable language

Supporting Innovation Through Open Calls

AFRICAI-RI will launch three strategic open calls to strengthen participation and capacity building across Africa.



Call for New Data Nodes

Institutions with chest imaging data (X-ray or ultrasound) can apply to join the federated infrastructure. Selected sites will receive technical and financial support for onboarding and storage.



Federated AI Solutions Challenge

AI teams worldwide can apply to train models via secure federated learning, without accessing or transferring any personal data. The three best teams of this challenge will receive a prize.



Security & Robustness Challenge

A hacking challenge inviting ethical hackers, data privacy experts and cybersecurity developers to test the resilience and security of the federated system and contribute to its continuous improvement.

The open calls will commence September 2027. More details will be announced soon.

Figure 5: Lists our three open calls during the project. The page offers flexibility to add more content and forms to this page.



Get in Touch

Would you like to learn more about AFRICAI-RI, collaborate, or join the network? Our team would be happy to hear from you.

Name	Email	Organization
Message		
☐ Join the AFRICAI-RI mailing list		
Submit Request		

Figure 6: We want to be accessible; we give visitors the option to send us a direct message and/or subscribe to our mailing list to stay up-to-date with the project.

5 Website Management and Updates

The AFRICAI-RI website is a living and engaging public space. As such, it needs to be maintained and managed. Here we define ownership of these tasks.

5.1 How often will the website be updated?

The website will continuously be updated throughout the project. News items and resources will be added as they become available. We plan to host at least one in-person Consortium Meeting every year, plus once online every year, and two training schools. Additionally, we have three open calls throughout the project lifetime. All of these major events will make extensive use of the website for dissemination. In regular intervals, every two months, the website will be reviewed to ensure everything is up-to-date.

5.2 Who maintains the website?

After set-up, the AFRICAI-RI website was transferred to UB for maintaining. CISM, as Scientific Coordinator and lead of the dissemination activities, together with UB, will manage the backend of the website, to ensure it reflects the purposes of the entire project. The contact email will be managed by Cecilia Kessler, AFRICAI-RI Project Manager at UB and Dr Dinis Nguenha, Scientific Coordinator at CISM. As teams grow and change, roles might change, however we will always have at least two people cover the inbox, to ensure swift responses to enquiries.

5.3 Types of future content

Future content will include updates on project progress, new resources and research findings, case studies as well as post-project sustainability content.

6 KPIs

As the website has been recently launched, performance indicators are not yet available. The following KPIs will be monitored throughout the project lifecycle:

- Website visits $\geq 4,000/\text{year}$ ($\geq 16,000$ visits total)
- Updates every 2 months
- AFRICAI network growth, 1250 new members



- Number of new posts published per year (≥ 6)
- Number of downloadable resources uploaded (≥ 20)
- At least 40% of total visitors from Africa (priority region)
- Average session duration ≥ 1.5 minutes

7 Accessibility and GDPR compliance

The project website has been developed in accordance with relevant accessibility and data protection standards. A cookie consent banner is implemented and displayed upon first visit, allowing users to manage their preferences in compliance with EU cookie regulations. A dedicated Privacy Policy page is available and outlines how personal data is collected, processed, and stored.

All data collection forms (e.g., newsletter subscription, contact form) follow GDPR principles, ensuring that only the minimum required information is collected, stored securely, and processed based on explicit user consent. Users are informed of their rights regarding access, rectification, and deletion of their personal data.

Accessibility considerations have been integrated into the website's design and structure. Core elements follow the Web Content Accessibility Guidelines (WCAG) 2.1 principles, including the use of clear navigation, alternative text for images, sufficient colour contrast, and keyboard-accessible menus. These measures ensure that the website is usable by a broad audience, including individuals with disabilities.

8 Conclusion

The development and launch of the project website mark an important milestone in establishing an effective and transparent communication framework for AFRICAI-RI. The website provides a clear and accessible online presence, enabling stakeholders to follow the project's progress, access public results, and engage with relevant updates and events.

With its structured content, consistent visual identity, and adherence to GDPR and accessibility requirements, the website serves as a robust foundation for ongoing dissemination and outreach activities. As the project evolves, the website will be regularly updated to reflect new achievements, support stakeholder engagement, and maximise the visibility and impact of the project's work.

This deliverable fulfils the requirement of Deliverable D10.1 "Project Website" as defined in the AFRICAI-RI Grant Agreement and confirms that the project website has been successfully launched and is publicly accessible.