

Grant Agreement number: 101037031

Project acronym: JUST-GREEN AFRH2CA

Project title: Promoting a JUST transition to GREEN hydrogen in AFRICA

Type of action: Deployment of systemic solutions with the support of local clusters and the development of regional community-based innovation schemes



D5.2 “Report on project D&C, Stakeholders engagement and interaction with EU/International initiative”

WP5 “Dissemination and communication”

T5.1 “Dissemination and communication activities”

WP leader “STAM”

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0.2	04/02/2025	Giulia Barbagelata	Updated version post review from the coordinator
0.3	05/03/2025	Giulia Barbagelata, Stefano BARberis	Final version for submission

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Partners



Table of contents

1. Introduction.....	9
Structure of the Deliverable	9
Relation to Other Tasks and Deliverables	9
2. Dissemination and communication roadmap.....	11
Activities timeline and Performance indicators	12
3. Dissemination and Communication tools and channels.....	16
Website	16
Corporate image	18
Videos.....	22
One last video is going to be shared in the final project' newsletter, wrapping up the project.Newsletter	24
LinkedIn	26
Project public presentation.....	30
4. Dissemination and communication activities.....	32
Scientific conferences and public events	32
2023	33
2024	39
Stakeholders' events.....	43
Sister projects interaction.....	49
Publications.....	52
Final positioning paper	53
5 Exploitation overview	55
Open-Innovation Platform	55
Conclusions	58

Table of figures

Figure 1 JUST-GREEN AFRH2ICA WP5 activities timeline.....	7
Figure 2 JUST-GREEN AFRH2ICA activities timeline.....	12
Figure 3 JUST-GREEN AFRH2ICA communication activities	13
Figure 4 JUST-GREEN AFRH2ICA dissemination activities.....	14
Figure 5 JUST-GREEN AFRH2ICA Website	17
Figure 6 JUST-GREEN AFRH2ICA logo	18
Figure 7 JUST-GREEN AFRH2ICA Cover template.....	18
Figure 8 JUST-GREEN AFRH2ICA Deliverable template	19
Figure 9 JUST-GREEN AFRH2ICA Leaflet.....	20
Figure 10 Year one results poster.....	21
Figure 11 JUST-GREEN AFRH2ICA Rollup.....	21
Figure 12 JUST-GREEN AFRH2ICA project video	22
Figure 13 JUST-GREEN AFRH2ICA First interview.....	22
Figure 14 JUST-GREEN AFRH2ICA Second interview.....	23
Figure 15 Panel: Collaboration between Europe and Africa for Green Hydrogen promotion: where to act first?.....	23
Figure 16 JUST-GREEN AFRH2ICA YouTube channel.....	24
Figure 17 JUST-GREEN AFRH2ICA Newsletter subscription form	24
Figure 18 JUST-GREEN AFRH2ICA Second Newsletter.....	25
Figure 19 JUST-GREEN AFRH2ICA Third Newsletter	25
Figure 20 Example of partner's presentation cover	26
Figure 21 Speaker presentation example	26
Figure 22 JUST-GREEN AFRH2ICA LinkedIn Header.....	27
Figure 23 JUST-GREEN AFRH2ICA LinkedIn Visitors – Year 1.....	27
Figure 24 JUST-GREEN AFRH2ICA LinkedIn Visitors – Year 2.....	28
Figure 25 JUST-GREEN AFRH2ICA LinkedIn Job function.....	28
Figure 26 JUST-GREEN AFRH2ICA LinkedIn Industry.....	29
Figure 27 JUST-GREEN AFRH2ICA LinkedIn Visitors Location	29
Figure 28 Project presentation – cover	30
Figure 29 Project public presentation – Key project Information slide	30
Figure 30 Project public presentation – the project legacy.....	31
Figure 31 JUST-GREEN AFRH2ICA dissemination events	32
Figure 32 Participation to Key Energy 2023	33
Figure 33 Participation to Sicilian Energy Days	34
Figure 34 Participation to the Energy Summit.....	34
Figure 35 Participation to s-@access – Solar Technologies & Hybrid Mini Grids Conferences	35
Figure 36 World Hydrogen & Renewables - Italia.....	35
Figure 37 Participation to Afrika-Verein event.....	36
Figure 38 Africa Energy Forum 2023.....	36
Figure 39 Participation to the International Conference on Electrolysis 2023.....	36

Figure 40 SUPEHR23 conference	37
Figure 41 Participation to EFC 2023.....	37
Figure 42 Participation to World Hydrogen & Renewables - Iberia.....	38
Figure 43 Participation to World Power-to-X summit.....	38
Figure 44 Presentation during the "Permanent Seminar on Ecological and Energy Transition. Knowledge and know-how.".....	39
Figure 45 Participation to COP28.....	39
Figure 46 Participation to European Hydrogen Energy Conference 2024	40
Figure 47 Participation to European Hydrogen Energy Conference 2024	40
Figure 48 Participation to INERGE 2024	41
Figure 49 Project presentation at HYSA Knowledge Center.....	42
Figure 50 Participation to World Power-to-X Summit	42
Figure 51 Participation to EMERGE Workshop organized in Morocco.....	42
Figure 52 Participation to MED GEM Webinars in October and November 2024.....	43
Figure 53 JUST-GREEN AFRH2ICA stakeholder's event.....	43
Figure 54 JUST-GREEN AFRH2ICA Brussels stakeholder's event.....	44
Figure 55 JUST-GREEN AFRH2ICA Milan stakeholder's event.....	44
Figure 56 JUST-GREEN AFRH2ICA Strathmore stakeholder's event.....	45
Figure 57 JUST-GREEN AFRH2ICA Genoa stakeholder's event.....	45
Figure 58 JUST-GREEN AFRH2ICA Madrid stakeholder's event	46
Figure 59 Stakeholder event in Nairobi.....	46
Figure 60 Stakeholder's event in Genoa.....	47
Figure 61 Stakeholder' event at the International Hydrogen Summit.....	48
Figure 62 Stakeholder event during H2WEEK.....	48
Figure 63 Training and stakeholder event in Rabat JUST-GREEN AFRH2ICA Rabat stakeholder's event.....	49
Figure 64 JUST-GREEN AFRH2ICA is featured on the LEAP-RE webpage.....	50
Figure 65 Second webinar organized with MED GEM project.....	50
Figure 66 SH2E - JUST GREEN AFRH2ICA European Hydrogen Energy Conference joint presentation.....	51
Figure 67 Hydrogen Summer Sch2ool.....	52
Figure 67 CEA presentation at WHEC 2024	53
Figure 68 Final positioning paper - front cover	54
Figure 69 Final positioning paper - Table of contents	54
Figure 70 Innovation platform homepage	56
Figure 71 User guide summary.....	56



EXECUTIVE SUMMARY

JUST-GREEN AFRH2ICA project is a stakeholders oriented collaborative project and the consortium spent effort to collect inputs from African and European key actors promoting green hydrogen revolution.

This report aims to report on the progress of activities carried out in the 24 months of the project in the framework of WP5, to promote the project and disseminate its results, creating and continuously updating a recognizable and coordinated image for the entire lifespan of the JUST-GREEN AFRH2ICA project. A significant portion of the deliverable is dedicated to the presentation of consortium's participation and organization of events to promote the project and all the activities that the team put in action in WP5 to promote project results and mission.

The project is supported by the Clean Hydrogen Partnership and its members Hydrogen Europe and Hydrogen Europe Research.

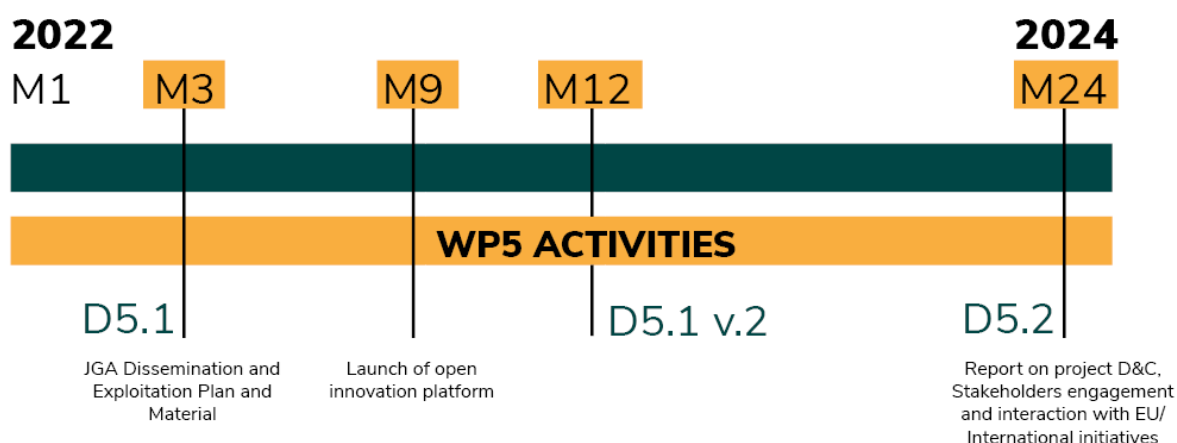


Figure 1 JUST-GREEN AFRH2ICA WP5 activities timeline

This document also reports on all communication materials produced and updated (particularly according to project progress and an amendment which enabled the engagement of two new affiliated entities) along the project lifetime to disseminate and promote JUST-GREEN AFRH2ICA. The deliverable follows the evolution of measures to maximize the impact of the project from what presented in the proposal and, successively, in the Grant Agreement up to the submission of the final report. The main objective of WP5 is to perform effective dissemination and exploitation of the results through the implementation and deployment of promotional activities and actions that aim to valorise project results for different exploitation purposes: scientific, commercial, policy making etc. The dissemination strategy followed by the project included: the dissemination of targeted information to potential end users, publications, presentations at relevant conferences and fairs, interaction with relevant AU-EU associations (AHP, Hydrogen Europe/Hydrogen Europe Research) and linkages with related projects. Due to the specificity of the project

targeting realization of joint AU-EU roadmaps for the promotion of green hydrogen, interaction with policy makers was crucial.

The main purpose of the communication team was to promote the JUST-GREEN AFRH2ICA project and its aims to a wide audience in both Europe and Africa with the aim of teaching and learning more about green hydrogen and its future energy potential in both continents. Communication management includes the activities necessary to guarantee a wide promotion of project results to both general and targeted audience (specific project stakeholders like researchers, policy makers, green hydrogen project developers via appropriate and accessible material and the implementation of planned activities to achieve effective information exchange).

From this strategy, a communication management plan was developed and continuously updated to ensure that the project key messages are shared to the public in various formats and through various means as presented in this report that starts from Grant Agreement “Measures to Maximise the impact”, refining them in a focused communication strategy able to target both EU and AU audience also thanks to insight collected from the first months of the project while interacting with different project stakeholders.

1. Introduction

Since JUST-GREEN AFRH2ICA is a CSA, dissemination and communication activities were very important to guarantee a wide promotion of project results to attract stakeholders and collect their opinions and insights. The goal of JUST GREEN AFRH2ICA was to develop mutual benefit EU-AU Green Hydrogen roadmaps driven via both a “Bottom-up approach” (thus with inputs from who are developing or are intending to deploy green hydrogen project in both continents) and a “Top Down approach” (thus with inputs coming from existing policies and R&D actions which are promoting green hydrogen in both continents).

D5.1 presented project communication, dissemination and exploitation strategy that STAM (as WP5 leader) setup also following partners’ suggestions and having analysed EU-AU green hydrogen/FCH technologies key actors in both continents.

This report presents the activities that has been employed during the two years of implementation of the JUST-GREEN AFRH2ICA project.

JUST GREEN AFRH2ICA promoted project results to drive a new joint and just hydrogen transition of both Europe and Africa that could be done thanks to the valorisation of three main project results: proposed roadmaps at different levels (investment, regulation, installation...), modelling tools and training materials. Interaction between EU and AU hydrogen actors was encouraged not only via specific events but also via the development of JUST GREEN AFRH2ICA open innovation platform.

Structure of the Deliverable

To comprehensively cover all the topics previously introduced, the following structure was chosen for the document:

- Section 2 highlights how dissemination and communication were developed through the whole duration of the project, covering the timeline and the KPIs;
- Section 3 describes all the dissemination and communication material created to communicate the identity of the project and how they have been updated throughout the 24 months of the project;
- Section 4 presents Dissemination and communication activities performed, covering scientific conferences and public events, sister projects’ interactions, publications and stakeholder’s event;
- Section 5 gives an overview of the main exploitation pathways of the project;
- Section 6 presents deliverable's conclusions and project afterlife.

Relation to Other Tasks and Deliverables

This activity is linked with all the content work packages, as well as linking all tasks of WP5. It is important to highlight that WP5’s key objective was to make sure that all the great work

performed by the project consortium throughout these two years was underlined, shared, showcased and reported for a large audience to benefit.

2. Dissemination and communication roadmap

A dissemination plan was developed within WP5, with actions initiated from the project's outset involving all partners for stakeholders and activities. The dissemination and stakeholder engagement strategy consisted of three main phases.

- Phase 1 concluded in M9, with the primary focus on raising stakeholder awareness (initial assessment - M1-9). To achieve this goal, there was an effort to create visibility for the project and its objectives (developing for example catchy visual image and promotional materials), engaging stakeholders in crucial project activities (WP1) through outreach actions as well as dedicated events (like Brussels one, the Italian one, the Spanish one, the Kenyan one). This involved utilizing the project's common visual identity via the project website, setting up newsletter and distributing informational materials to the public (such as project brochures, pamphlets, etc.). The project and its preliminary results (e.g., from the initial WP1-2 tasks) were presented during a launch event held in February 2023 in Brussels, concurrently with a dedicated workshop, as well as in high quality scientific conferences like ICE2023, and European Fuel Cell Conference 2023 and relevant international symposia like COP-28 and Power-to-X World Summit. In this phase, stakeholders (both at the EU and AU levels through CEA/UNIGE and AHP, respectively) were involved in gathering insights for the implementation of a hydrogen development project. The design of the open innovation platform began by organizing co-creation sessions to implement it. Training activities were properly planned, and all partners recorded their own lessons within M9 in order to promote project E-learning programme in the following months.

- Phase II, centered on the exploitation-oriented dissemination of results and lasting until M20: results were mature enough to clearly depict the vision of JUST-GREEN AFRH2ICA, the AU's initial vision of the green hydrogen revolution (e.g., the first results of WP2-3). Activities included publishing papers, organizing stakeholders events and training activities, and developing and launching the platform.. Key events were attended to showcase the project (e.g COP conferences, the 4th Annual World Hydrogen MENA Congress, the European hydrogen energy conference EHEC, the World Hydrogen Summit & Exhibition 2024, the WHEC2024 - World Hydrogen Energy Conference and the Global African Hydrogen Summit...). In addition, two dedicated stakeholders' events were organized in Nairobi and in Genoa, as well as multiple training sessions held in Cotonou, Ben Guerir, Cairo, Borg El Arab, Marrakech, Gabes, Potchefstroom.

- Phase III focused on overall results even beyond the project's end (M21-M24), stimulating the dissemination of project roadmaps and involving other stakeholders across the board

(investors, technology producers, policymakers, etc.). A stakeholders’ workshop was organized during the European H2 week 2024 in Brussels with Hydrogen Europe support, and a co-design workshop for tools optimisation and policy was held in Oujda as well. The different JUST GREEN AFR H2ICA roadmaps (manufacturing, financing and policy) were promoted during the project final event in Rabat, where the goal was to present a structured overview of the work done and the future possibilities that have emerged as a result of the two-year effort. Regarding the AFR H2ICA platform, its operation and sustainability will be ensured by STAM for at least 3 years after the project concludes. If successful, a specific collaboration agreement (to further populate and animate it) could be defined between STAM and HYDROGEN EUROPE or AHP.

Activities timeline and Performance indicators

The image below provides a visual overview of the key activities carried out over the 24-month project. Dissemination efforts were particularly intensive, with continuous updates to online communication channels and the regular planning and organization of public events, including training sessions, stakeholder workshops, and participation in relevant conferences. The consortium collaborated closely to achieve its ambitious goals, guided by the proactive leadership of the coordinator and dissemination team. The communication team played a vital role by ensuring accurate and effective reporting of materials and event participation, making them accessible to a broader audience through the project's social media channels and website.



Figure 2 JUST-GREEN AFR H2ICA activities timeline

To evaluate the effectiveness of the JUST-GREEN AFRH2ICA communication and dissemination strategy, a set of quality control parameters were defined to assess the impact of the implemented and realised dissemination tools and activities.

During the project duration, these parameters were adapted according to the evolution of the project.

	KPIs	Target	M3	M13	M24
Communication activities	Website	Visits: <5000 = poor; 5000-10,000 = good; >10,000 = excellent	1 website just published 256 Visits 707 Views	1 website 1905 Visits 4447 Views	1 website 4023 visitors 8790 views 737 visits to the Material Hub page
	LinkedIn	Material downloads: <100 = poor; 100-200 = good; >200 = excellent	317 Followers 44 post published 1000 Views	986 Followers 180 post published 3586 Views	1559 followers 240 posts 6749 views 99896 impressions 2574 reactions
	Newsletter	2 per year with more than 200 subscribers	Creation on Mailchimp's account and study of graphic layout	2 Newsletters 334 Subscribers	4 newsletters (one to be published after the review) 346 subscribers
	Project video and/or video interviews	1	Design under implementation	3 videos	6 videos (1 in development)
	Rollup and poster	1 rollup per year	1 rollup ready to print	1 rollup 1 poster	1 posters 1 roll-up
	Leaflet	Leaflet distribution: <300 copies= poor 300-800 copies= good >800 copies= excellent	100	400	700

Figure 3 JUST-GREEN AFRH2ICA communication activities

	Key indicators/ metrics	Target	M3	M13	M24
Dissemination and exploitation activities	Scientific/technical publications	Number of papers published: <4 = poor, 4-8 = good, >8 = excellent;	Number of papers published: 0	2 journal publications under review; 2 publications and presentations at scientific conferences accepted	3 journal peer reviewed publications + 1 under review. 3 publications in events: from EHEC2024, WHEC 2024 and s-@aces 2023
	Presentation at events, conferences, symposia, seminars, workshops	Number of conference\events presentations: <8 = poor, 8-12 = good, >12 = excellent	Conference\ events presentations: 3 1 launching event	Participation to 22 events	Participation to 35 events
	Stakeholders events	Number of stakeholder events: <8 = poor, 8-12 = good, >12 = excellent	1	6	12
	Education sessions and E-Learning	At least 2 seminars per year on JGA At least 2 PhD specific programmes	Monthly update with partners involved from M9	Monthly update with partners involved from M9	2 packs of training material1 st : 9 modules 2 nd : 8 modules
	Stakeholders collaborations, projects & EU ass. interaction	Create synergies with sisters' projects Participate in HYDROGEN EUROPE WGs (LEAP-RE, SH2E, eGHOST...)	1 collaboration with sister projects LEAP-RE	Interactions with Sisters project and international Initiatives like LEAP-REH2GLOBAL, DII Energy..., Organization of workshops with sister projects	Collaboration with: EMERGE, SH2E, eGHOST,, LEAP-RE, MED GEM, GREENSKILLS4HYDROGEN
	Educational events	20 educational events in the project - >200 trainees involved.	Checking and updating events made	All training workshops for MODULE 1 ready	13 and two training webinars organized with MEDGEM
	Open innovation platform	At least 150 users within end of the project registered and more that 150 intercepted along the whole project	Checking stakeholder registered daily since the platform will go into operation	GA presentation Stam Platform 1 st and 2 nd co-creation session for AFRH2ICA platform development	157

Figure 4 JUST-GREEN AFRH2ICA dissemination activities

The tables highlight the impressive outcomes, supporting the dissemination and communication leader (STAM) and the consortium in evaluating progress. Event participation and organization significantly increased, boosting the project's visibility across various channels. The results, also given the short amount of time, are impressive, showing dedication and group effort, as well as the relevancy of the topics treated.

3. Dissemination and Communication tools and channels

The coordinated image of the JUST-GREEN AFRH2ICA project has remained consistent throughout the months, reflecting a strategic approach and careful planning from the outset. The project has diligently preserved brand consistency through purposeful and targeted design, ensuring that every component, from reports to flyers, maintained a professional and cohesive representation of the project's goals and values. This section delves into the various dissemination and communication channels used, highlighting well-considered design choices that have effectively established and solidified the project's visual footprint.

Website

The JUST-GREEN AFRH2ICA project website is located at <https://just-green-afrh2ica.eu/> and provides information about the project, its objectives, and results to various audiences worldwide. The ".eu" domain was chosen to associate the project with its European nature. The EU logo, grant number, and a project statement have been included in the website's footer.

The project webpage was launched in Month 2 (March 2023). It served as the main entry point for the planned dissemination of the project, serving several purposes:

- Official information about the project (motivation, objectives, technological approach, work plan) and the consortium.
- Training sessions material.
- Link to the JUST-GREEN AFRH2ICA platform.
- Public repository for institutional results (deliverables, interviews) and dissemination materials (scientific papers, presentations, whitepapers, brochures, promotional videos, newsletters, workshop materials, press releases, etc.).
- Dissemination of news and events related to the project and the themes involved.
- Partners website link and information.
- Project contacts.
-

The JUST-GREEN AFRH2ICA website is based on the WORDPRESS platform, providing useful tools and functionalities, and allowing the website administrator to access simple statistics on website access. The website features a modern, bright, responsive design, ensuring accessibility not only from a computer but also from mobile devices such as tablets and smartphones. The design follows and complements the visual identity of the project. From the homepage, users can access a menu guiding them to the main features of the

website (see below). The project website is complemented by a strong presence on social media to increase awareness and interaction with external stakeholders.

After the website launch, it has been updated with the upload of downloadable outreach materials, the addition of video previews to be viewed on YouTube, and weekly news updates as well as the logo of new affiliated entities TEKI and IH were included. The goal is to keep the site active and closely connected and synchronized with the LinkedIn page. To date, there have been numerous updates, and the commitment for the coming months is to keep the website updated in the project afterlife.

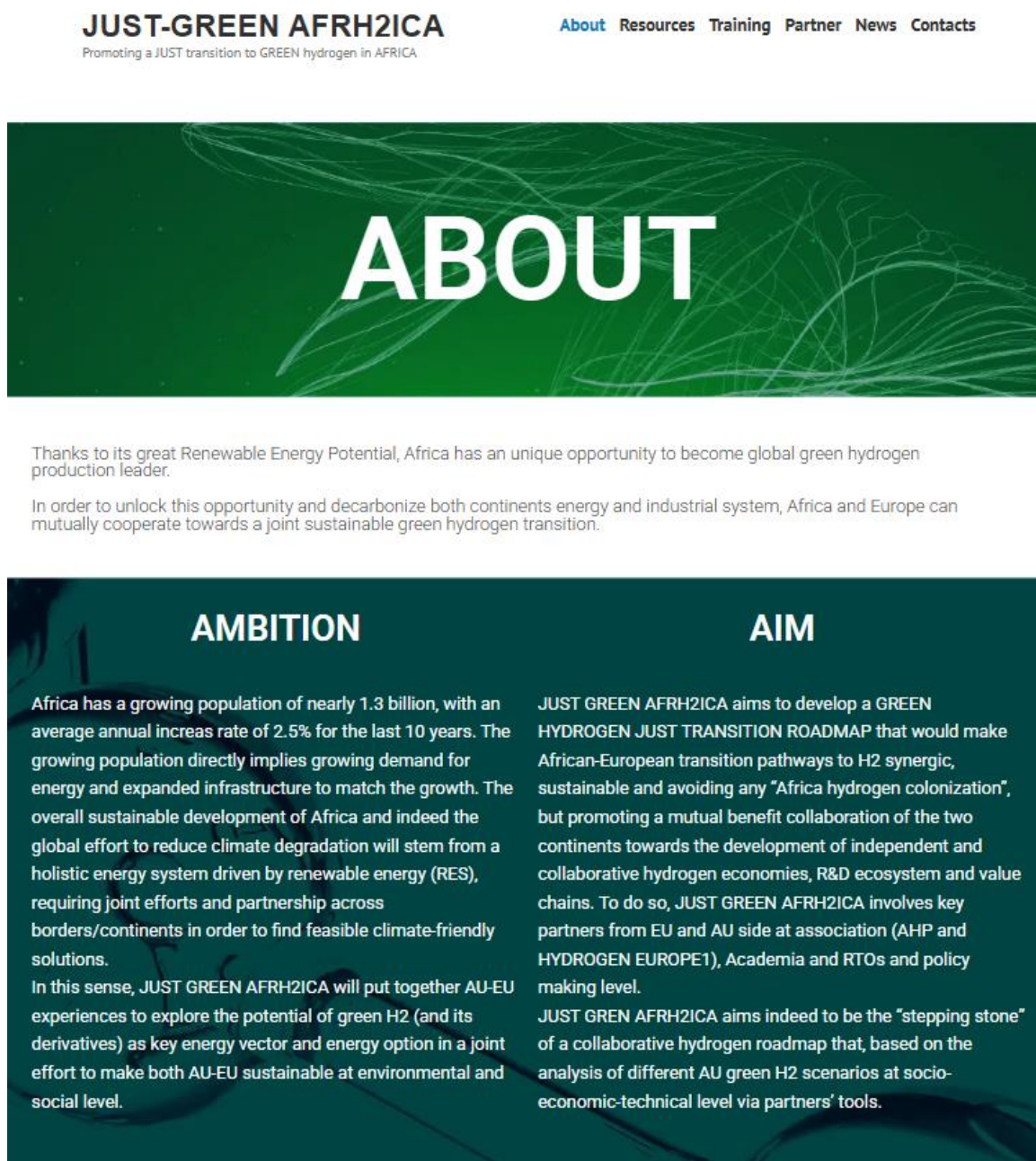


Figure 5 JUST-GREEN AFRH2ICA Website

Corporate image

The JUST-GREEN AFRH2ICA logo represents the concept of union and collaboration of the two countries through the bond given by the hydrogen molecule. Among several initial proposals, this logo was chosen because it most clearly represents the three parties involved, Africa, Europe, and the hydrogen that unites the two countries in an exchange of ideas and future proposals.



Figure 6 JUST-GREEN AFRH2ICA logo

At the beginning of the project, a Power Point template was developed to be used during project meetings and other activities, so that all partners can comply with the correct layout, use of fonts, colors. Similarly, the official layout on Word for writing deliverables was developed, each partner having the guidelines and tools to make sure that all material produced within the project is uniform and adheres to the graphic rules.



Figure 7 JUST-GREEN AFRH2ICA Cover template



Figure 8 JUST-GREEN AFRH2ICA Deliverable template

The first leaflet was produced in M1 with the aim of distributing it from the first launch event in Brussels.

As depicted in the visuals presented below, the cover is segmented into two parts, prominently showcasing the initials EU and AU alongside the stylized representations of the respective continents. Upon opening the two panels, the left side reveals details of the project under the heading "Three main approaches," while the center elucidates the ambitions and objectives. Simultaneously, the right-side outlines "Three main activities." The back of the cover features partner logos, and the flanking sides incorporate doors that can be closed and opened, adding a dynamic and interactive element to the design.

During the two years of the project, as previously mentioned, both analog and digital promotional materials were developed to support the JUST-GREEN AFRH2ICA initiative. It is noteworthy that the structure and design of these materials have remained unchanged, as the graphic identity was meticulously crafted from the project's inception to ensure consistency and professionalism.

However, to reflect the consortium dynamics, two new logos have been added, representing recently incorporated members. This visual integration aims to highlight the growing

participation and collaboration within the project, without compromising the stability and cohesion of the previously established brand identity.

A project rollup and a poster (to present Year 1 results and released during the Kenyan Week) have been readlized and used at events organised by the partners.



Figure 9 JUST-GREEN AFRH2ICA Leaflet



Figure 10 Year one results poster



Figure 11 JUST-GREEN AFRH2ICA Rollup

Videos

At the beginning of the project, [a general video](#) was created, as a teaser for the project, providing a concise overview of what it entails, the issues addressed, and how they can be resolved through collaborative actions and the methods proposed in JUST GREEN AFRH2ICA.



Figure 12 JUST-GREEN AFRH2ICA project video

As a second type of video, two videos were created in Month 9 to present the main project results through an interview-based approach. The [first video](#) serves as a brief preview of the [second video](#), which details the work carried out in the first eight months of the project. The videos have been uploaded on YouTube, shared on LinkedIn, and featured on the website.



Figure 13 JUST-GREEN AFRH2ICA First interview



Figure 14 JUST-GREEN AFRH2ICA Second interview

In February 2024, the project consortium organized during the stakeholder's event organized in Nairobi, a series of panels, focused on promoting a just transition to green hydrogen in Africa. These events, held during the Kenyan Week, brought together key stakeholders from Kenya, Africa, and Europe to align clean energy strategies, develop joint hydrogen roadmaps, and foster international partnerships. The discussions highlighted the importance of cross-fertilizing technical and non-technical approaches, as noted by Mirela Atanasiu, Executive Director a.i. of the Clean Hydrogen Partnership. Three videos were produced from these panels to capture the insights and recommendations shared, and they can be found [here](#).



Figure 15 Panel: Collaboration between Europe and Africa for Green Hydrogen promotion: where to act first?

To enhance dissemination, in addition to being published on the website and LinkedIn, a YouTube channel has been opened for the sharing of multimedia materials.



JUST-GREEN AFRH2ICA

@JUST-GREENAFRH2ICA · 6 iscritti · 6 video

Scopri di più su questo canale ...altro

Iscriviti

Home Video



JUST GREEN AFRH2ICA Interview - Part 3
9 visualizzazioni · 10 mesi fa



JUST-GREEN AFRH2ICA Interview - Part 2
29 visualizzazioni · 10 mesi fa



JUST-GREEN AFRH2ICA Interview - Part 1
36 visualizzazioni · 10 mesi fa



JUST GREEN AFRH2ICA_Project
information_Hydrogen transition
186 visualizzazioni · 1 anno fa



JUST GREEN AFRH2ICA_University of
Genoa_Second video
70 visualizzazioni · 1 anno fa



JUST GREEN AFRH2ICA_University of
Genoa_First Video
59 visualizzazioni · 1 anno fa

Figure 16 JUST-GREEN AFRH2ICA YouTube channel

One last video is going to be shared in the final project' newsletter, wrapping up the project. Newsletter

STAM has created a [Mailchimp account](#) for JUST-GREEN AFRH2ICA project, to create newsletters with project news and updates. These newsletters are distributed to all subscribers.

All interested people can subscribe to the newsletter using a dedicated form on the website.

JUST-GREEN AFRH2ICA

Welcome in JUST-GREEN AFRH2ICA newsletter

Email Address

First Name

Last Name

Birthday
MM / DD

Subscribe

Grow your business with mailchimp

Figure 17 JUST-GREEN AFRH2ICA Newsletter subscription form

The newsletter was to be published four times during the two-year life of the project. With the whole consortium's support, three newsletters were created and shared, while the fourth one will be sent after the final review of the project, containing lessons learnt and how to keep up with the projects results and its consortium.

The newsletters are created to keep all subscribers updated on the news that occurred during the six months of the project. They will provide a general overview of the project, the partners involved, publications, events, and the steps taken to achieve the set goals. All news will result from a careful selection of information published on the website and social channels shared by our partners.

For the [first issue](#) released during the sixth month, updates mostly focused on an introductory part outlining the project's scope, the involved members, and participation in events. Links to past events and those scheduled for the following months were provided in this context. A crucial section covered events for stakeholders organized in Brussels, Milan, Strathmore Genoa, and Madrid. The second issue has been published in January 2024 and can be accessed at the following [link](#).



Figure 18 JUST-GREEN AFRH2ICA Second Newsletter

The third issue has been published in January 2025 and can be accessed at this [link](#).



Dear Readers,
In this penultimate newsletter, you will discover the latest developments in the JUST-GREEN AFRH2ICA project.

Figure 19 JUST-GREEN AFRH2ICA Third Newsletter

LinkedIn

[LinkedIn page](#) facilitates the communication with specific target groups and online communities in hydrogen, energy and sustainability fields. This channel was used from the beginning, even before the release of the website, and then it was throughout the project as primary outlet to keep the audience updated about all the project many activities.

To make sure that communication was as effective as possible, a strategy was devised so that each piece of content would be suitable and in line with the events of the moment and, above all, so that the page would always be active and interesting.

a way to make sure that everyone is constantly involved and aware of the activities. Another line that was pursued, with the aim of giving a face of the people working on the project to all the users who follow us, was to publish about project partners, providing a concise description of the company and personal photograph accompanied by a short CV. A similar work was done for our speakers before project events.



Figure 20 Example of partner's presentation cover

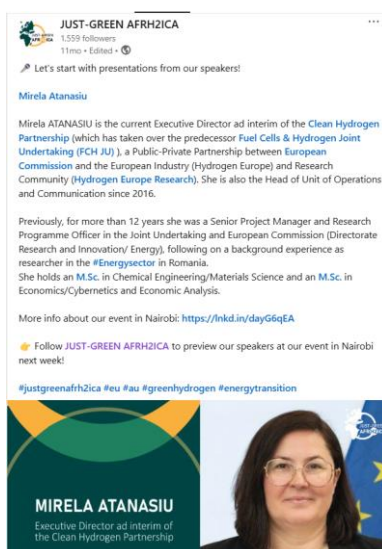


Figure 21 Speaker presentation example

Lastly, posts on issues, articles, and curiosities always focused on JUST-GREEN AFRH2ICA issues and where the project was tagged were published and re-shared. The JUST-GREEN AFRH2ICA LinkedIn account is constantly updated with news and information related to the project, is a company page, managed by STAM. JUST-GREEN AFRH2ICA LinkedIn page has 1559 followers.

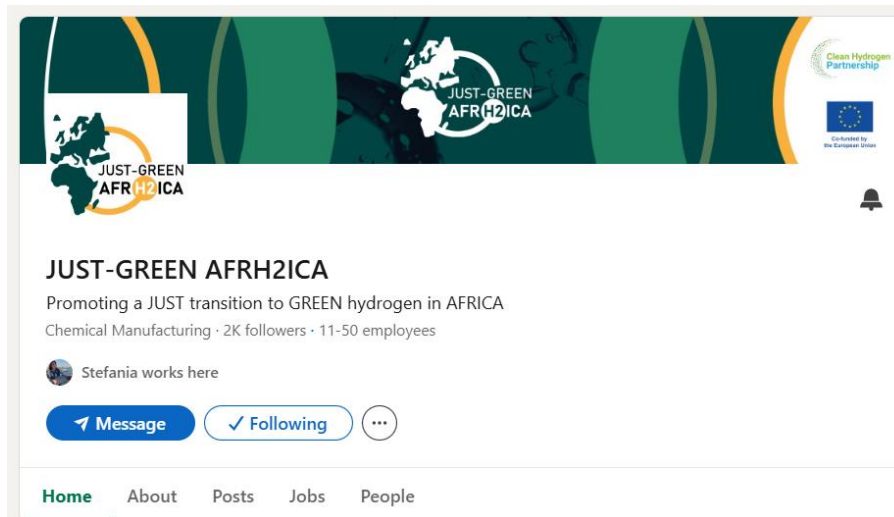


Figure 22 JUST-GREEN AFRH2ICA LinkedIn Header

Visitor highlights

2,567 Page views	859 Unique visitors	158 Custom button clicks
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Visitor metrics

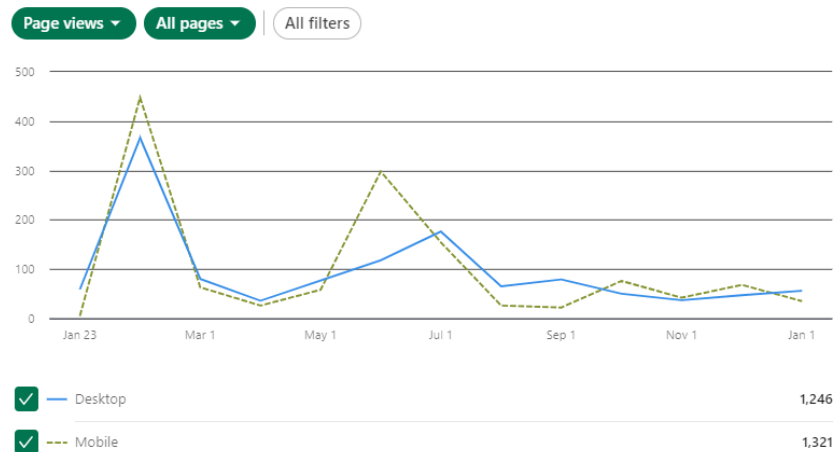


Figure 23 JUST-GREEN AFRH2ICA LinkedIn Visitors – Year 1

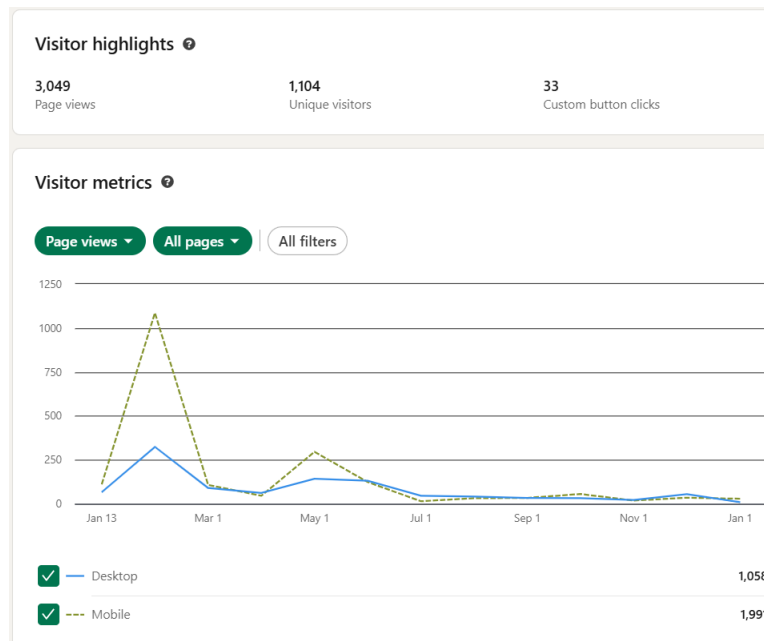


Figure 24 JUST-GREEN AFRH2ICA LinkedIn Visitors – Year 2

The figure below shows the roles and jobs of the people who visited the JUST-GREEN AFRH2ICA page. Most visitors have backgrounds in engineering research, with business development ranking third. These three areas are essential for bringing the project to life and preserving its legacy, making this distribution a strong indicator of a successful engagement campaign.

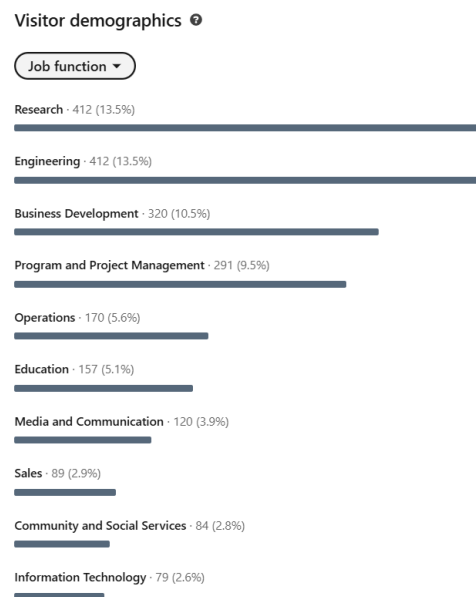


Figure 25 JUST-GREEN AFRH2ICA LinkedIn Job function

The companies that viewed the page and the posts that were published are represented in the following figure, which is a clear match of the previous graph. The highest values are

related to visits from companies dealing with Renewable Energy Manufacturing and education, two of the primary target groups envisioned for the project.

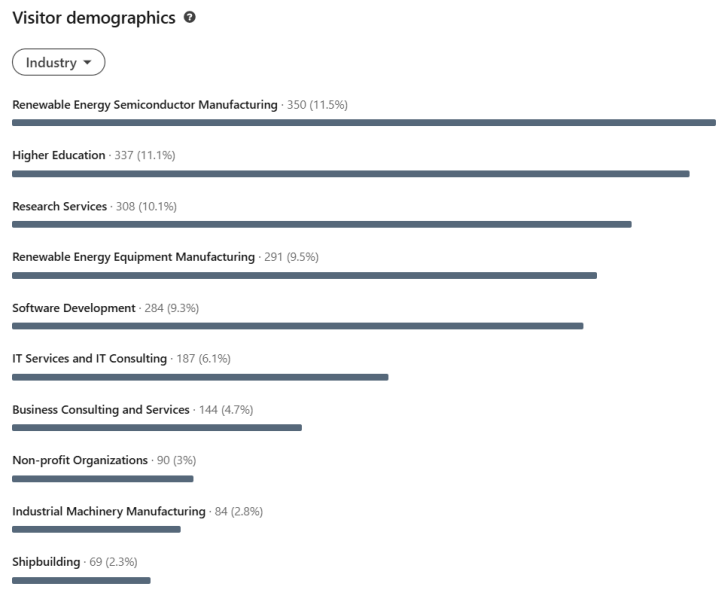


Figure 26 JUST-GREEN AFRH2ICA LinkedIn Industry

Finally, a graph pertaining to the country of origin of users visiting the JUST-GREEN AFRH2ICA page is displayed. It should be noted that while Europeans make up the majority of visitors, an increasing percentage of them are from Africa. In terms of Europe, the primary sites are Italy, France, Germany, Spain, and Belgium, emphasizing the significant work carried out by the partners based in these areas as well as the various activities that took place during the project's first year.

In Africa instead, most visitors originate from South Africa and its major cities, with a few Moroccan cities following.

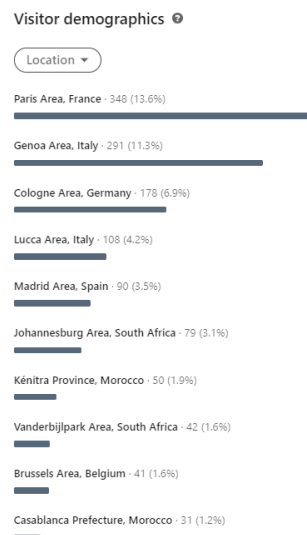


Figure 27 JUST-GREEN AFRH2ICA LinkedIn Visitors Location

Project public presentation

Starting from Month 1, UNIGE and STAM prepared a public project presentation, which has been updated multiple times throughout the project to reflect its evolving results.



Figure 28 Project presentation - cover

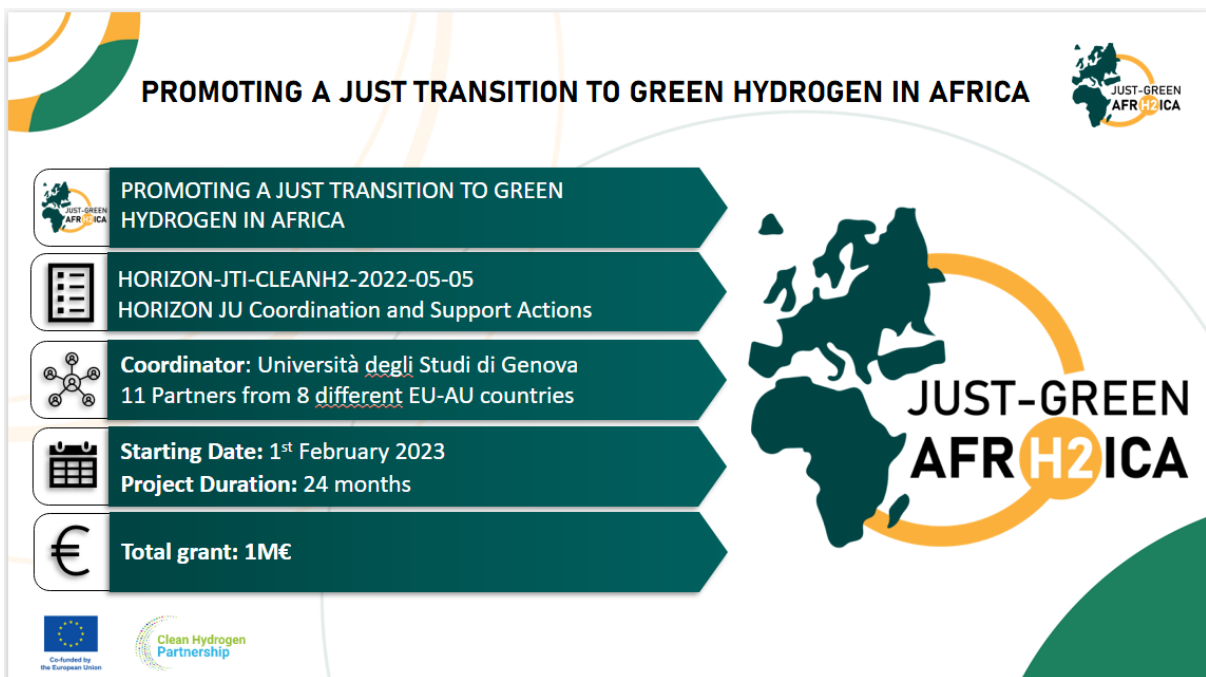


Figure 29 Project public presentation - Key project Information slide

This presentation provides a clear and visually engaging overview of the project's key milestones, the challenges addressed, and its lasting impact.

The presentation has been constantly updated (seven times) along the project lifetime also to continuously report the progress and the latest outcomes of the project. A “final version” where project main results and so called “project legacy” has been released at the on 2024 and presented first during November Hydrogen Week workshop and, afterwards, during Rabat Final Event,

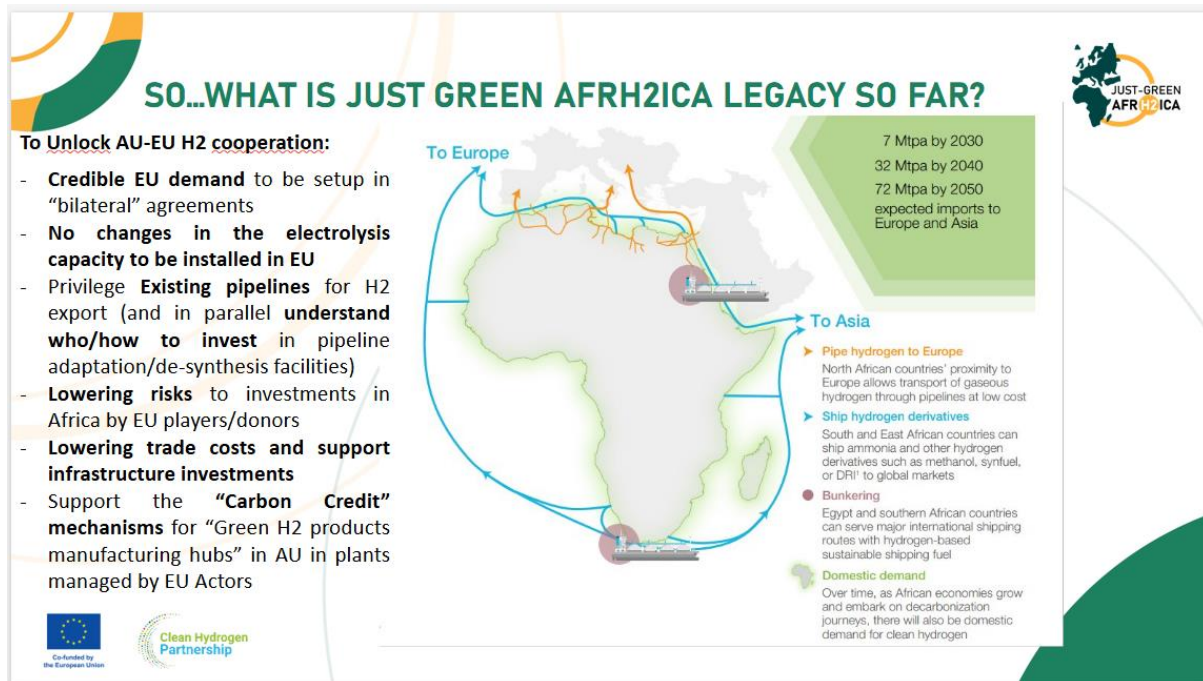


Figure 30 Project public presentation – the project legacy

4. Dissemination and communication activities

This chapter focuses on the dissemination activities performed by the consortium that enabled the accessible and engaging transmission of discoveries and developments related to the project through the organization and participation in events and activities with relevant stakeholders.

Scientific conferences and public events

To best promote JUST-GREEN AFRH2ICA results, the consortium took part in relevant international events and conferences, having the chance to attract stakeholders and collect inputs from their side. In the following list the dissemination events where JUST GREEN AFRH2ICA project took part are presented.

Event	Date	Type of events	Location	Partner Involved
Launching event	15 February 2023	CONFERENCE AND PROMOTIONAL EVENT	Bruxelles	Unige
3rd Annual World Hydrogen MENA Congress	27 Feb.- 2 Mar. 2023	CONFERENCE AND PROMOTIONAL EVENT	Dubai	AHP
Key energy	22-24 March 2023	Trade fairs	Rimini	Stam
Regione sicilia energy days	20-21 April 2023	CONFERENCE AND PROMOTIONAL EVENT	Salina	Unige
Energetski samit	26 April 2023	CONFERENCE AND PROMOTIONAL EVENT	Sarajevo	Stam
S-access conference	26-28 April 2023	SCIENTIFIC CONFERENCES	Palma de Mallorca	Unige
World hydrogen & renewables	2-4 May 2023	CONFERENCE AND PROMOTIONAL EVENT	Milan	Unige
World hydrogen 2023	9-11 May 2023	CONFERENCE AND PROMOTIONAL EVENT	Rotterdam	AHP
Southern Africa- European Green Hydrogne Forum- 'fast-track development of climate-neutral hydrogen industries in Southern Africa'	June 2023	CONFERENCE AND PROMOTIONAL EVENT	Lunda, Angola	AHP
Afrika-Verein	14-15 June 2023	CONFERENCE AND PROMOTIONAL EVENT	Amburg	Iresen
Africa enrgy forum	20-23 June 2023	CONFERENCE AND PROMOTIONAL EVENT	Nairobi	Strath
Hydrogen summer sch2ool	3-5 July 2023	CONFERENCE AND PROMOTIONAL EVENT	Kozani	Unige
SUPEHR23	6-8 September 2023	SCIENTIFIC CONFERENCES	Savona	Stam, Unige
International conference of electrolysis 2023	21 September - 1 October	SCIENTIFIC CONFERENCES	Sun City	NWU
European fuel cells and hydrogen	13-14 September 2023	SCIENTIFIC CONFERENCES	Capri	Unige
World hydrogen & renewables	12-14 September 2023	CONFERENCE AND PROMOTIONAL EVENT	Madrid	Imdea
Power-to-x world summit	19-21 September 2023	CONFERENCE AND PROMOTIONAL EVENT	Marrakech	Iresen
Indian World Hydrogen Energy Summit	16-17 October 2023	CONFERENCE AND PROMOTIONAL EVENT	New Delhi	AHP
Permanent seminar on ecological and energy transition	2 November 2023	CONFERENCE AND PROMOTIONAL EVENT	Genoa	Unige
Green hydrogen symposium	28 November 2023	CONFERENCE AND PROMOTIONAL EVENT	Nairobi	Strath
COP 28 conference	28 November - 12 Decen	CONFERENCE AND PROMOTIONAL EVENT	Dubai	AHP
IEA 50th Anniversary Ministerial Meeting	13 February 2024	CONFERENCE AND PROMOTIONAL EVENT	Paris	AHP
4th Annual World Hydrogen MENA Congress	26-29 February 2024	CONFERENCE AND PROMOTIONAL EVENT	Dubai	AHP
European hydrogen energy conference	6-8 March 2024	CONFERENCE AND PROMOTIONAL EVENT	Bilbao	CEA
Reuters Events: Hydrogen 2024	9-10 April 2024	CONFERENCE AND PROMOTIONAL EVENT	Amsterdam	AHP
World Hydrogen Summit & Exhibition 2024	13-15 May 2024	CONFERENCE AND PROMOTIONAL EVENT	Rotterdam	AHP
RENMA	11-12 June 2024	CONFERENCE AND PROMOTIONAL EVENT	Rome	Unige
WHEC2024 - World Hydrogen Energy Conference	23-27 June 2024	CONFERENCE AND PROMOTIONAL EVENT	Tulum	CEA
International conference on electric energy	28 August 2024	CONFERENCE AND PROMOTIONAL EVENT	Juiz de Fora	AHP
Global African Hydrogen Summit	3-5 September 2024	CONFERENCE AND PROMOTIONAL EVENT	Windhoek	AHP
Japanese event ?????	26 September 2024	CONFERENCE AND PROMOTIONAL EVENT		NWU
JUST GREEN AFRH2ICA x MED-GEM Network - 1st webinar	21 October 2024	WEBINAR	online	Artelys
COP29	11-22 Nov 2024	CONFERENCE AND PROMOTIONAL EVENT	Baku Azerbaijan	AHP
Brussels Expo	19-nov-24	CONFERENCE AND PROMOTIONAL EVENT	Bruxelles	UNIGE
JUST GREEN AFRH2ICA x MED-GEM Network - 2nd webinar	14 November 2024	WEBINAR	online	Stam, Unige

Figure 31 JUST-GREEN AFRH2ICA dissemination events

Every event in which JUST-GREEN AFRH2ICA has participated has been meticulously documented through images and photographs, subsequently shared on both the LinkedIn page and the project website. This practice of visual documentation not only attests to the organization's commitment and active participation but also serves to create a visual narrative of the activities undertaken. In the next lines, all the main events where JUST-GREEN AFRH2ICA was presented are reported with the related pictures and a short summary.

2023

1. On March 23, 2023, STAM participated in K.EY – The Energy Transition Expo to promote energy transition and decarbonization through innovative projects like JUST-GREEN AFRH2ICA. STAM's Executive Director, Stefano Carosio, and project manager Andrea Giugno presented at the Hydrogen Arena during H2Talks, organized by H2IT.



Figure 32 Participation to Key Energy 2023

2. On April 21, 2023, the JUST-GREEN AFRH2ICA project was proudly presented at the "ENERGY DAYS 2023" event. The speech, titled "Sicily, European Hydrogen Door for

Green Hydrogen Collaboration between Africa and Europe," highlighted Sicily's strategic role in fostering mutual cooperation in the green hydrogen sector.

20 aprile 2023

SESSIONE MATTUTINA
**IL PIANO ENERGETICO AMBIENTALE
DELLA REGIONE SICILIANA
E IL SUO STATO DI ATTUAZIONE**

Figure 33 Participation to Sicilian Energy Days

- On April 26, 2023, Fabio Magrassi, project manager of STAM S.r.l., presented at the Energy Summit in Neum, Bosnia and Herzegovina. His talk, "Green Hydrogen: Key to the Energy Transition," highlighted insights from the JUST-GREEN AFRH2ICA project and his experience with green hydrogen. The event was organized by USAID, the British Embassy, the EU, GIZ, UNDP, and the Czech Ministry of Foreign Affairs.



Figure 34 Participation to the Energy Summit

- On April 26, 2023, Stefano Barberis presented the JUST-GREEN AFRH2ICA project at the s-@access Solar Technologies & Hybrid Mini Grids Conference in Palma de Mallorca. His talk, titled "African and European Roadmaps Towards Hydrogen Transition: How to Mutually Support and Benefit," highlighted collaborative pathways for advancing the hydrogen transition across both continents.



Figure 35 Participation to s-@access – Solar Technologies & Hybrid Mini Grids Conferences

5. On May 4, 2023, at the World Hydrogen & Renewables event in Milan, Stefano Barberis from the University of Genoa moderated the panel "Hydrogen Imports from North Africa & Beyond." The discussion (which involved African relevant stakeholders like the Hydrogen Egypt association) focused on green hydrogen generation and export from North Africa to Italy, investment in pipeline repurposing, Sicily's potential as a hydrogen hub, and comparisons with other export markets such as the US and Middle East.

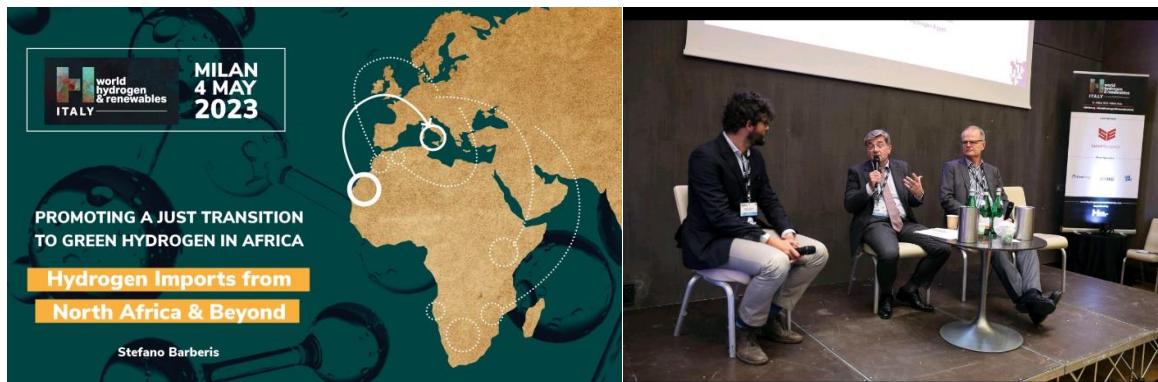


Figure 36 World Hydrogen & Renewables - Italia

6. On June 14, 2023, JUST-GREEN AFRH2ICA was presented during the Afrika-Verein event held in Hamburg, Germany. [Oussama Bayssi](#), Research & Development Engineer Biomass & Agritechnology at IRISEN, was a speaker on one of the panels of the second edition of "Unlocking Industries – Hydrogen in Africa: Transforming Infrastructure & Partnerships."



Figure 37 Participation to Afrika-Verein event

7. On the 15 of June 2023, the 25th “Africa Energy Forum 2023” was held in Nairobi, Kenya. Christian Berretta of Strathmore University participated as a speaker on the panel “Hydrogen-Africa’s Opportunity In partnership with Dii Desert Energy” addressing the topic of the opportunity and challenges related to water resources for green hydrogen production in Africa: how to ensure a just transition.



Figure 38 Africa Energy Forum 2023

8. In late August 2023, the International Conference on Electrolysis 2023 was held, dedicated to the topic of electrolysis for energy conversion and the latest advances in hydrogen technologies in Africa and other selected regions. Phillimon Modisha, from NWU presented at the workshop ‘Just transition to green hydrogen: A case of South Africa’.



Figure 39 Participation to the International Conference on Electrolysis 2023

9. In September 2023, project coordinator Stefano Barberis and Andrea Giugno (project manager of STAM S.r.l.) attended the [SUPEHR23 SUstainable PolyEnergy generation and HaRvesting](#) conference, during the panel “Water and Energy aspects: a sustainability dilemma for rural areas”, presenting JUST GREEN AFRH2ICA and also linking to sister projects like ONEPlanET and others.



Figure 40 SUPEHR23 conference

10. The 10th European Fuel Cells and Hydrogen event (EFC 2023) was held in Capri from September 13 to 15, 2023. The event brought together experts from academia, research, industry, and the public sector to exchange insights on hydrogen, fuel cells, and clean energy technologies. On the first day, Professor Aristide Fausto Massardo, from UNIGE, delivered a presentation titled "Green Hydrogen: Mutual Benefit of Sustainable Development for Europe and Africa". In such panel also Mirela Atanasu from CHP JU was present.

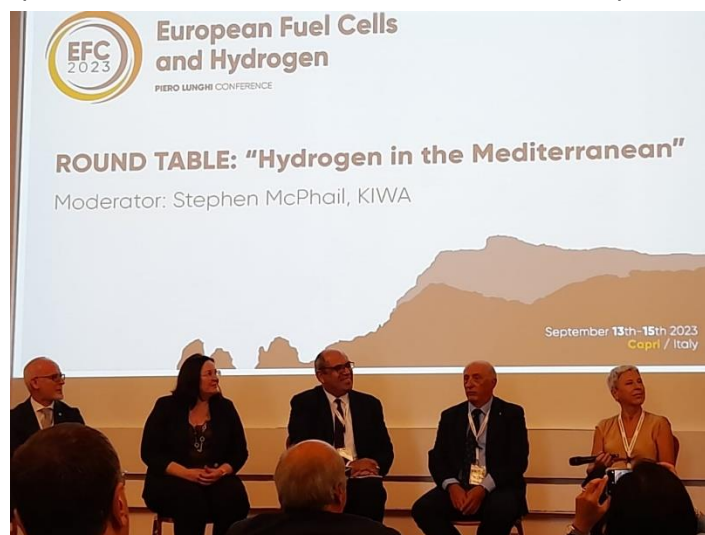


Figure 41 Participation to EFC 2023

11. On September 12, 2023, IMDEA Energy researchers from the JUST-GREEN AFRH2ICA project participated to World Hydrogen & Renewables Iberia, highlighting hydrogen sustainability.



Figure 42 Participation to World Hydrogen & Renewables - Iberia

12. On September 20, 2023, the University of Genoa hosted a virtual panel discussion titled “Hydrogen System Integration Efficiency” during the [World Power-to-X Summit](#). The roundtable explored a holistic approach to efficiency across the entire green hydrogen value chain, emphasizing the importance of understanding interdependencies between stages to optimize the system as a whole. At that time, due to the local recent earthquake, unfortunately Mr Barberis could not join in person but attended the panel via a virtual speech



Figure 43 Participation to World Power-to-X summit

13. On November 2nd 2023, at Palazzo Ducale in Genoa, Stefano Barberis from the University of Genoa presented "The international cooperation for the promotion of green hydrogen as the energy vector of the future." His talk highlighted the JUST-GREEN AFRH2ICA project during the "Permanent Seminar on Ecological and Energy Transition."



Figure 44 Presentation during the "Permanent Seminar on Ecological and Energy Transition. Knowledge and know-how."

14. In early December 2023, as part of Morocco's contribution to COP28 UAE, IRESEN showcased its active role in the JUST-GREEN AFRH2ICA project by organizing key side events focused on green hydrogen, clean technology skills, and energy sustainability. These events reinforced Morocco's leadership in promoting green hydrogen innovation and advancing the continental energy transition.



Figure 45 Participation to COP28

2024

15. On the 6th of March 2024, in the framework of [European Hydrogen Energy Conference \(EHEC\) 2024](#) in Bilbao, [Florence Lefebvre-Joud](#) of [CEA](#) presented a scientific work titled

“Analysis of potential interactions between European Union and African Union on low carbon hydrogen”, prepared with the support of [Università degli Studi di Genova](#) and Artelys, wrapping up some of the outcomes of WP1 activities.



Figure 46 Participation to European Hydrogen Energy Conference 2024

16. In June 2024, Mr Stefano Barberis presented the project in RENMADH2 event in Rome, also presenting the opportunities for E-FUELS in Africa.



Figure 47 Participation to European Hydrogen Energy Conference 2024

17.. In August 2024, the 2024 INERGE International Conference on Electric Energy (INCEE) in Brazil highlighted advancements in renewable energy and the global energy transition. Dr. Ruth Irwin’s keynote on Africa’s green hydrogen potential emphasized the JUST-GREEN

AFRH2ICA project and the continent's role in decarbonization. The conference fostered collaboration and innovation to achieve a sustainable energy future.



Figure 48 Participation to INERGE 2024

18. A study under the JUST-GREEN AFRH2ICA project, was presented at ATI Conference 2024, (4-6 September 2024) that investigates solar-powered green hydrogen production in Kenya, Mali, and South Africa. It highlights the project's success in demonstrating feasible hydrogen production with competitive costs, sustainable water usage, and minimal land impact.

19. On the 26 of September 2024, the JUST-GREEN AFRH2ICA project, represented by NWU, was presented during a conference at the HYSA Knowledge Center to a Japanese delegation. (Fig.49)

20. The JUST-GREEN AFRH2ICA project participated in a pivotal training event on October 9th, 2024, focused on advancing green hydrogen development in Africa and Europe, as part of the World Power-to-X Summit in Morocco. Key discussions included hydrogen production, storage, export opportunities, and Morocco's strategic role as a green hydrogen hub connecting Africa and Europe. Esteemed speakers from the University of Genoa, IRESEN, and Impact Hydrogen shared insights to promote sustainable economic development through innovative hydrogen technologies. (fig.50)



Figure 49 Project presentation at H2Africa Knowledge Center



Figure 50 Participation to World Power-to-X Summit

It is also relevant to highlight that JUST GREEN AFRH2ICA participated to different “online events” (like webinars, trainings etc.) along the two years also in cooperation with projects like EMERGE, FlowPhotoChem, MEDGEM...having the chance (even by remote participation) to spread project results in different African countries.



Figure 51 Participation to EMERGE Workshop organized in Morocco

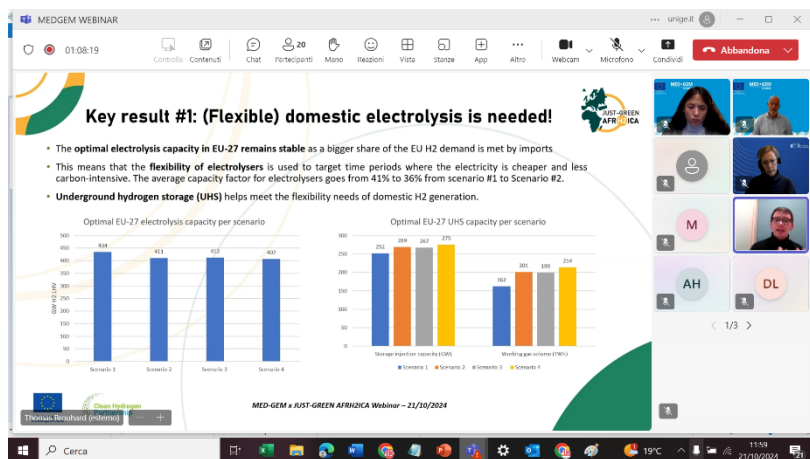


Figure 52 Participation to MED GEM Webinars in October and November 2024

Stakeholders' events

Stakeholder engagement played a central role in the JUST-GREEN AFRH2ICA project, involving technical and non-technical actors across Africa and Europe. Key stakeholders included research centers, policymakers, technology providers, and hydrogen project developers. Their contributions were essential for validating project activities, developing region-specific hydrogen scenarios, and drafting green hydrogen roadmaps for Africa and Europe. Local reference partners in West, North, Southern, and East Africa assessed existing literature, identified stakeholders, reviewed policies, and gathered insights on local needs to inform project modeling. The engagement also extended to European stakeholders, focusing on infrastructure needs for importing African green hydrogen, knowledge transfer, and strategic investment opportunities for EU electrolyzer manufacturers.

A Stakeholders' Driven Innovation Model was adopted to ensure solutions addressed societal and industrial needs, received continuous feedback, and were usable and replicable. Through strong partnerships with organizations such as the African Hydrogen Partnership and Hydrogen Europe, the project disseminated results and fostered collaboration across both continents.

JUST GREEN AFRH2ICA is a stakeholder-driven project in which the insights of key EU and AU hydrogen actors were harnessed to shape the future of green hydrogen on both continents. To this end, the project has promoted and organized 12 stakeholder events, where these stakeholders had the opportunity to meet and share best practices and experiences.

Event	Date	Type of events	Location	Partner involved
Launching event	15 February 2023	STAKEHOLDERS WORKSHOPS/EVENTS	Bruxelles	Unige
World hydrogen & renewables	2-4 May 2023	STAKEHOLDERS WORKSHOPS/EVENTS	Milan	Unige
Enabling the development of a green hydrogen economy in kenya	17 May 2023	STAKEHOLDERS WORKSHOPS/EVENTS	Nairobi	Strath
Just green afrh2ica italian stakeholders event	22 June 2023	STAKEHOLDERS WORKSHOPS/EVENTS	Genoa	Unige
Spain stakeholders workshop	27 June 2023	STAKEHOLDERS WORKSHOPS/EVENTS	Madrid	Unige
Mid-term project Stakeholder event	14 February 2024	STAKEHOLDERS WORKSHOPS/EVENTS	Nairobi	Strath
Just green afrh2ica stakeholders event	28 June 2024	STAKEHOLDERS WORKSHOPS/EVENTS	Genoa	Unige
Flowphotochem exploitation workshop	11 September 2024	STAKEHOLDERS WORKSHOPS/EVENTS	Kampala	Unige
International Hydrogen Summit	17 October 2024	STAKEHOLDERS WORKSHOPS/EVENTS	Aye, Ekiti	Teknologi
European H2 week 2024	18-22 November 2024	STAKEHOLDERS WORKSHOPS/PROMOTIONAL EVE	Brussels	Unige, AHP
Co-design workshop for tools optimisation and policy	27 November 2024	STAKEHOLDERS WORKSHOPS/EVENTS	Oujda	Unige
Final project stakeholders event	16 January 2025	STAKEHOLDERS WORKSHOPS/EVENTS	Rabat	Iresen

Figure 53 JUST-GREEN AFRH2ICA stakeholder's event

On February 15th, 2023, the project consortium held a launching event in Brussels, with keynote speakers from Africa and Europe and working group sessions to gather and share guidelines and insights to increase EU-AU cooperation to promote a just transition to green hydrogen in Africa.



Figure 54 JUST-GREEN AFRH2ICA Brussels stakeholder's event

On May 2nd, 2023, a stakeholder workshop entitled “The Hydrogen Potential of Africa: How Europe and Africa Can Collaborate Towards Green Hydrogen Promotion via an Italian Corridor” was held by Stefano Barberis at the World Hydrogen & renewables event in Milan.



Figure 55 JUST-GREEN AFRH2ICA Milan stakeholder's event

The stakeholder event 'Enabling the Development of a Green Hydrogen Economy in Kenya: Policies, Regulations and Pathways – JUST-GREEN AFRH2ICA Stakeholders Meeting' organized by our partner Strathmore University in Kenya was held on May 17th, 2023.

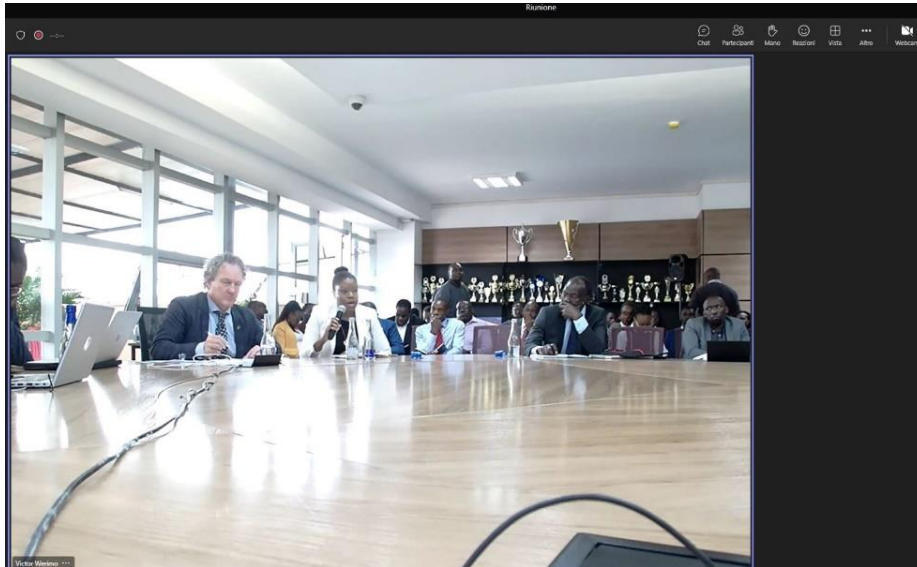


Figure 56 JUST-GREEN AFRH2ICA Strathmore stakeholder's event

On June 22nd, 2023, the University of Genoa held an event for Italian stakeholders in Genoa. Aristide Massardo and Stefano Barberis chaired this workshop, which was an opportunity to interact with different stakeholders and EU-funded projects such as FLEXnCONFU and H2GLASS.



Figure 57 JUST-GREEN AFRH2ICA Genoa stakeholder's event

On June 27th, 2023, an event targeting Spanish stakeholders was held at IMDEA Energy's headquarters in Madrid. In this workshop, key hydrogen players from Spain and Africa dialogued to understand the scope for mutually beneficial collaboration and development for the promotion of a hydrogen-based green economy.



Figure 58 JUST-GREEN AFRH2ICA Madrid stakeholder's event

From 13th February to 15th February, the [JUST-GREEN AFRH2ICA](#) promoted an intense series of events in Nairobi; in these events, the consortium shared the results of the first year of the project having the chance to interact with an assembly that brought together key stakeholders from Kenya, Africa, and Europe to align clean energy policies and strategies, develop joint green hydrogen roadmaps, and foster international partnerships. During the stakeholder dedicated event, held on the 14th of February, there were representatives from the Clean Hydrogen Partnership (Ms Mirela Atanasiu, Mr Nikolaos Lympieropoulos) and from the EU delegation of the African Union in Adis Ababa (Mr Laurent Bocheureau).



Figure 59 Stakeholder event in Nairobi

On the 28th of May 2024, in Genoa, Italy, the consortium organized a stakeholders' event on sustainable energy and green hydrogen. The discussion focused on Italy's strategic role as a "hydrogen gateway" for African imports, exploring collaboration between Italy, Europe, and Africa. Sessions covered the Italian Piano Mattei (also thanks to the support of H2IT and of Italian government delegates) and insights from industry experts active in hydrogen ventures across both continents. Key delegates from RES4AFRICA (Mr Carlo Cecchetti) and from Hydrogen Europe Research (Mr Luigi Crema)



Figure 60 Stakeholder's event in Genoa

On the 17th of October 2024, during the International Hydrogen Summit in Ekiti, Nigeria, a stakeholder event was organized, in a panel named "Catalyszing green hydrogen developement in Nigeria - The capacity and partnership imperative". The project coordinator led a discussion on the topic: "Techno-Economics of Green Hydrogen Production: Main Indicators to Evaluate the Economic Viability of A Project (Case study – how to calculate green hydrogen cost?)", while TEKI colleagues (also with the support of local researchers) further supported the panels and the sessions that were attended in the local auditorium by more than 2000 people



Figure 61 Stakeholder' event at the International Hydrogen Summit

On the 19th of November 2024, during the European Hydrogen Week, the consortium organized a stakeholder event with Hydrogen Europe. Key discussions focused on policy alignment, industrial partnerships, investment challenges, and infrastructure development to create a sustainable hydrogen network, with selected delegates invited from both EU-AU stakeholders and policy makers.



Figure 62 Stakeholder event during H2WEEK

On the 15th and 16th of January 2025 a final training and stakeholder event was organized in Rabat, presenting the final results of the project and discussing about the pivotal and frontrunner role of Morocco in African Hydrogen Transition, with sessions and speeches presenting governmental initiatives and Moroccan key Hydrogen stakeholders activities. The event also foresaw the participation of key delegates from local and international stakeholders like Mr Luigi Crema from Hydrogen Europe Research.



Figure 63 Training and stakeholder event in Rabat JUST-GREEN AFRH2ICA Rabat stakeholder's event

Sister projects interaction

Further to take advantage of AHP and Hydrogen Europe support, JUST GREEN AFRH2ICA also liaised with other EU funded sister projects that supports international cooperation between the two continents for the promotion of clean energy and hydrogen technologies as well as with projects funded by the Clean Hydrogen Partnership particularly targeting Innovation Actions targeting demonstration of electrolyser installations and other CSAs.

Below are listed the organized activities:

- [LEAP RE](#) - One example of collaboration with other EU funded project is what JUST GREEN AFRH2ICA did with LEAP-RE, a project promoting clean energy in Africa via specific demonstration, training and stakeholders' engagement activities that will guarantee a joint long-term partnership between the European Union and the African Union for research and renewable energy innovation. At this purpose JUST GREEN AFRH2ICA interacted with LEAP-RE to:
 - Collect insights from projects supported by LEAP-RE via its cascade funding approach where hydrogen technologies are protagonist (among them HYAFRICA - <https://www.leap-re.eu/hyafrica/>);
 - Mutually benefits share training contents and promote joint training activities.
 - Collaboration in drafting the research roadmap to define R&D priorities for promoting green hydrogen in Africa

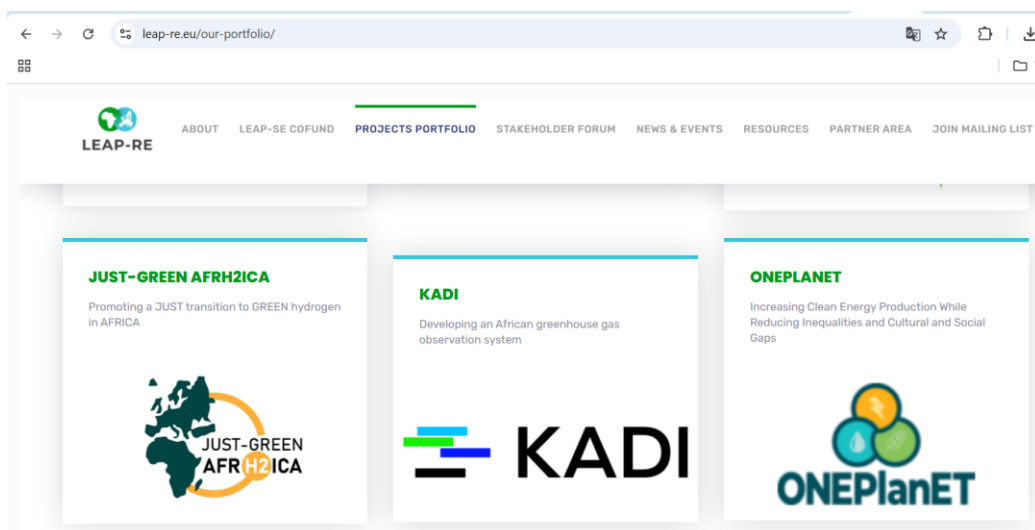


Figure 64 JUST-GREEN AFRH2ICA is featured on the LEAP-RE webpage

- **EMERGE** – as previously mentioned, with this project, on November 27, 2024, the JUST-GREEN AFRH2ICA project participated in the workshop “Empowering Green Energy Development in Africa: Tools Optimization & Policy”, hosted at UMP in Oujda, Morocco. The event was an important occasion to foster collaboration between policymakers, researchers, businesses and civil society to collect feedbacks and insights on the various tools developed by EMERGE EU Project (including CEPIA, Hosting Capacity and GREENADVISE) to improve their usability and adapt them to local energy context.
- **MED GEM** - with this project different initiatives were organized:
- Frank Wouters from MED GEM attended the Training Event organized by JUST GREEN AFRH2ICA in the framework of Power-to-X World Summit in Marrakech in October 2024, while ARTELYS, STAM and UNIGE delegates supported the webinars organized by MED-GEM in October and November 2024.



Figure 65 Second webinar organized with MED GEM project

- [SH2E](#) - (coordinated by IME who is one of key partners of JUST GREEN AFRH2ICA), this project proposes a sustainability assessment methodology of the overall green hydrogen value chain. On March 7, 2024, the SH2E and eGHOST symposium took place in Bilbao as part of the European Hydrogen Energy Conference (EHEC). The event showcased SH2E's guidelines and software tools for lifecycle assessments, life cycle costing, and sustainability evaluations. The JUST-GREEN AFRH2ICA project was highlighted as a practical example where SH2E guidelines are being applied.

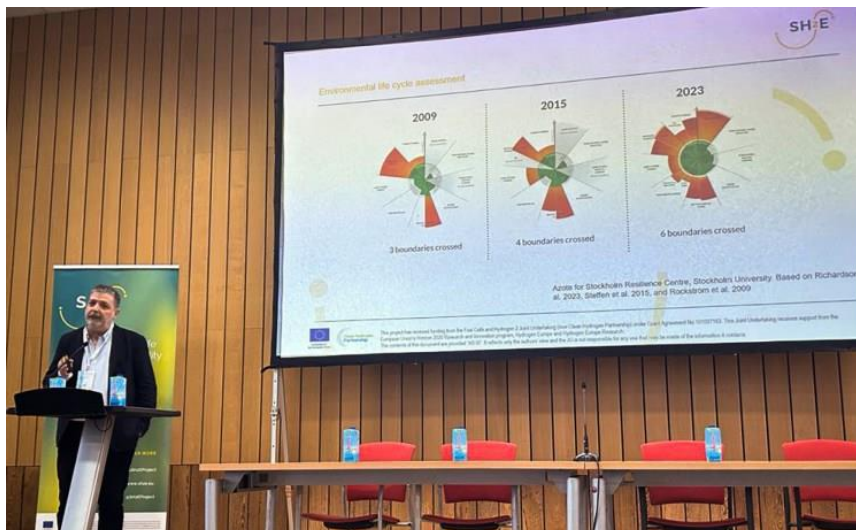


Figure 66 SH2E - JUST GREEN AFRH2ICA European Hydrogen Energy Conference joint presentation

- [eGHOST](#) - coordinated by IME this project promoted in May 2024 a "Spring School" where JUST GREEN AFRH2ICA was presented by the project coordinator with a focus on EU-AU hydrogen cooperation opportunities and hydrogen storage technologies.
- [GREENSKILLS4HYDROGEN](#) - This European Erasmus+ project "Green Skills for Hydrogen," coordinated by KIT, Hydrogen Europe, and Hydrogen Europe Research, organized the Hydrogen Summer Sch₂ool- Upskilling and Reskilling Programme was organized, in July 2023. Our Project Coordinator participated, delivering a presentation on Metal Hydrides Hydrogen Storage and hydrogen carriers, exploring their potential for hydrogen export from Africa to Europe.

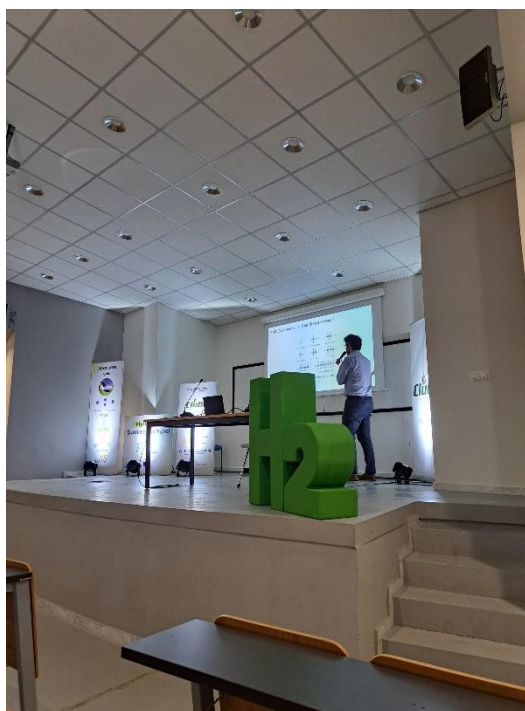


Figure 67 Hydrogen Summer Sch2ool

Further than these projects, JUST GREEN AFRH2ICA also interacted (in the framework of dissemination events like SUPEHR2023 or 1st Genova Stakeholders workshop in 2023...) with other projects like H2GLASS, FLEXNCONFU, EMERGE, FlowPhotoChem...

Publications

Publications in scientific journals within the framework of the JUST-GREEN AFRH2ICA project served pivotal roles. Primarily, they enable the project to disseminate research outcomes, adopted methodologies, and noteworthy discoveries to the scientific community. This contribution significantly enhances the collective knowledge base in the realms of green hydrogen, energy transition, and related technologies.

Three SCOPUS Indexed papers were submitted and published mostly during the second year of the project:

- Oussama Bayssi, Nouhaila Nabil, Meryeme Azaroual, Loubna Bousselamti, Nouredine Boutammachte, Samir Rachidi, Stefano Barberis, Green hydrogen landscape in North African countries: Strengths, challenges, and future prospects, International Journal of Hydrogen Energy, Volume 84, 2024, Pages 822-839, ISSN 0360-3199,
<https://doi.org/10.1016/j.ijhydene.2024.08.277>.
(<https://www.sciencedirect.com/science/article/pii/S0360319924034426>)

- Amin Lahnaoui, Gianmarco Aniello, Stefano Barberis, Solomon Nwabueze Agbo, Wilhelm Kuckshinrichs, Assessing the feasibility of a green hydrogen economy in selected African regions with composite indicators, Journal of Hydrogen Energy, Volume 101, 2025, Pages 1387-1405, ISSN 0360-3199, <https://doi.org/10.1016/j.ijhydene.2024.12.233>.
- Massimo Rivarolo et al, Evaluation of water/energy intensity of green hydrogen production plants in Africa scenario 2024 J. Phys.: Conf. Ser. 2893 012074 DOI 10.1088/1742-6596/2893/1/012074

Further to journal papers, JUST GREEN AFRH2ICA has been presented in relevant International Symposia via posters and oral presentations like ECFC 2023 (UNIGE), s-@ccess 2023 (UNIGE), EHEC 2024 (IME – CEA), WHEC 2024 (CEA).

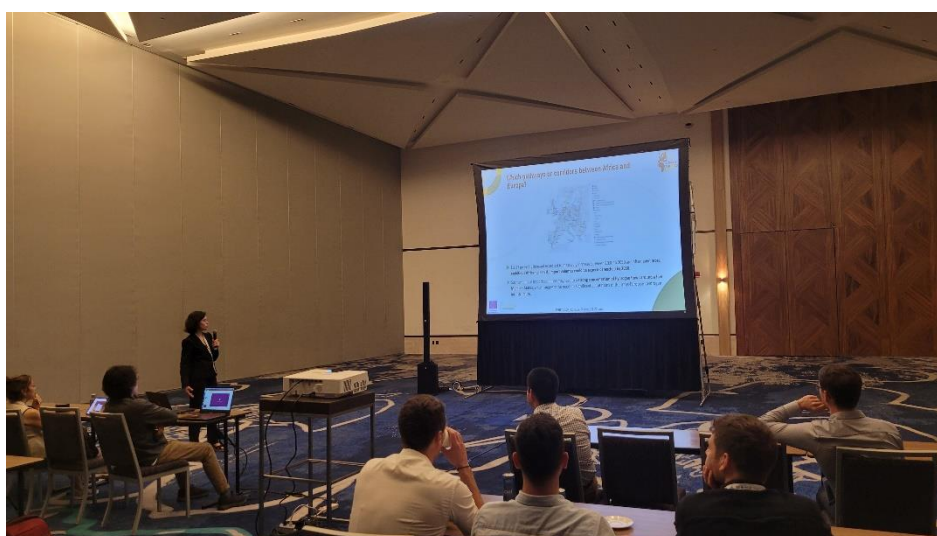


Figure 68 CEA presentation at WHEC 2024

Final positioning paper

In the last week of the project, the final positioning paper has been developed. It covers the main results and outcomes of the projects, as well as its main publications. After some final refining, the paper will be uploaded on the project website and shared in the final newsletter.



Figure 69 Final positioning paper - front cover

Table of contents

1. Introduction	7
A vision of just collaboration between Europe and Africa	7
The Green Hydrogen Just Transition Toadmap	7
Towards a Sustainable and Independent Hydrogen Economy	8
2. Context analysis	9
Representative use cases	10
Renewable Energy Resources and Regional Strengths	11
Applications and Economic Impact	11
Employment Potential of Green Hydrogen	11
Lessons Learned and Broader Implications	12
Building Momentum for a Green Hydrogen Economy	12
3. Consortium position	13
4. Conclusions	13

Figure 70 Final positioning paper – Table of contents

5 Exploitation overview

As a CSA, JUST GREEN AFRH2ICA focuses on leveraging project results to support Africa's hydrogen development in a mutual benefit cooperation with European Hydrogen transition, fostering a just and equitable transition while avoiding "hydrogen colonization."

As a CSA, Key Exploitable results of the project are not products or tangible and commercially exploitable results. Anyhow, key accomplishments of the project that could be leveraged by the consortium also for future cooperation or R&D initiatives could be mentioned like:

1. **Green Hydrogen Roadmaps:** Development of a Green Hydrogen Just Transition Roadmap, inspired by socio-economic and technical analyses of African scenarios and aligned with EU hydrogen strategies. Such overall integrated roadmap is based on roadmaps (financing, manufacturing, policy, R&D...) developed in WP3 to boost AU Hydrogen transition and EU-AU cooperation,
2. **Scenario Modeling:** modeling approaches at different levels (techno-economic, socio-economic, energy, environmental, water access...) to assess hydrogen opportunities across different African regions,.
3. **Training Materials:** Creation of educational resources to support capacity-building at the technical, university, and graduate levels. These materials will be available through the project's e-learning platform.
4. **Open-Innovation Platform:** Establishment of the AFRH2ICA platform to connect stakeholders, foster collaboration, and provide a marketplace for hydrogen solutions across AU and EU regions

Open-Innovation Platform

As part of T5.4, an Open-Innovation Platform to facilitate stakeholders' participation was set up and created.

The platform is public and on-line and can be found at the following address: <https://jga.stamtech.dev/>, as well as by navigating the project website.



Figure 71 Innovation platform homepage

To ease the usability, a user manual has been developed illustrating the functions and showing the way to make the most out of the platform. More information can be found in D5.3.

SUMMARY

01	<u>Log-in</u>	3
02	<u>Registration</u>	4
03	<u>Homepage</u>	5
04	<u>News</u>	8
05	<u>Document</u>	10
06	<u>Events</u>	12
07	<u>Opportunities</u>	14
08	<u>Organizations</u>	16
09	<u>Administration section</u>	18

Figure 72 User guide summary



CONCLUSION



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Conclusions

This deliverable offers a comprehensive overview of the initiatives carried out during the two-year duration of the ambitious JUST-GREEN AFRH2ICA project. Under the coordination of UNIGE and STAM, consortium partners collaborated to develop a structured framework for dissemination and exploitation activities, which were implemented from the project's earliest stages to ensure effective communication and engagement with stakeholders.

The communication strategy prioritized proactive and inclusive engagement with all consortium members and stakeholders, fostering continuous information sharing and collaboration. Emphasis was placed on communication tools and promotional materials, which played a vital role in creating a cohesive and synergistic communication approach throughout the project, being always updated along the project also to properly promote the project progresses

Given the project's short timeline, the Dissemination, Exploitation, and Communication (DEC) plan focused on leveraging online promotion and active participation in key events, conferences, and workshops in Europe and Africa. This strategic focus on high-visibility events and direct interaction with industry stakeholders proved essential for raising the project's profile and ensuring its success. Through these engagements, the consortium presented progress, preliminary results, and objectives to diverse audiences, enhancing the project's reputation and visibility.

Stakeholder workshops played a central role in fostering discussion, exchanging ideas, and gathering insights from experts with varied perspectives. These sessions not only enriched the project but also strengthened stakeholders' sense of involvement and commitment to the initiative. Via these initiatives, as a stakeholders driven project, JUST GREEN AFRH2ICA collected relevant insights for the realization of different project activities, particularly in WP2 and WP3

Recognizing the project's limited timeframe, efforts were made to continuously update communication channels and promote project outcomes. The DEC plan outlined in D5.1 served as a guiding tool for the consortium, helping them meet deadlines, fulfill objectives, and implement the dissemination strategy effectively.

Looking at the project's afterlife, the consortium aims to maintain the relationships and contacts established during its implementation. Public materials, deliverables, training

resources, promotional content, and newsletters will remain accessible through the project website and platform. Following the final review meeting, a comprehensive newsletter summarizing the project's achievements and future engagement opportunities will be shared.

In conclusion, the consortium is highly satisfied with the outcomes achieved over the past 24 months and with the actions performed in WP5 to make JUST GREEN AFRH2ICA a widely known project. The successful implementation of dissemination activities and strong stakeholder connections have laid a solid foundation for a continuous promotion of EU-AU cooperation in the themes of green hydrogen starting from the so-called project legacy and stakeholders' interactions built up along the project lifetime.

In this sense, AFRH2ICA Platform will be an actual asset to pursue these objectives and to further promote cooperation between EU-AU Hydrogen actors.