D5.2 Website set up

April 2024

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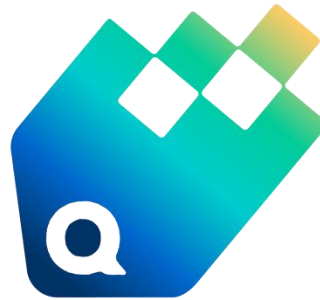| Document Revision History			
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30/04/2024	1.0	Daniella Manassero, Nathan Carvalho, Ginevra Santini (DIGITALEUROPE)	Final version

QUANTUM CONSORTIUM			
#	Short Name	Organisation Name	Country
1	IACS	INSTITUTO ARAGONES DE CIENCIAS DE LA SALUD	ES
2	Sciensano	SCIENSANO	BE
3	Health Data Hub	PLATEFORME DES DONNEES DE SANTE	FR
3.1	HOSPICES LYON	HOSPICES CIVILS DE LYON	FR
3.2	HOSP TOULOUSE	CENTRE HOSPITALIER UNIVERSITAIRE DE TOULOUSE	FR
3.3	CHU Bordeaux	CHU HOPITAUX DE BORDEAUX	FR
4	I-HD	THE EUROPEAN INSTITUTE FOR INNOVATION THROUGH HEALTH DATA	BE
5	UCSC	UNIVERSITA CATTOLICA DEL SACRO CUORE	IT
6	BBMRI-ERIC	BIOBANKS AND BIOMOLECULAR RESOURCES RESEARCH INFRASTRUCTURE CONSORTIUM	AT
7	DIGITALEUROPE	DIGITALEUROPE AISBL	BE
8	GÖG	GESUNDHEIT OSTERREICH GMBH	AT
9	UPV	UNIVERSITAT POLITECNICA DE VALENCIA	ES
10	HEALTH-RI	STICHTING HEALTH-RI	NL
11	EUHA	EUROPEAN UNIVERSITY HOSPITAL ALLIANCE	BE
12	AP-HP	ASSISTANCE PUBLIQUE HOPITAUX DE PARIS	FR
13	VIB	VIB VZW	BE
14	CIPH	HRVATSKI ZAVOD ZA JAVNO ZDRAVSTVO	HR
15	HUS	HUS-YHTYMA	FI
16	THL	TERVEYDEN JA HYVINVOINNIN LAITOS	FI
17	ECRIN	ECRIN EUROPEAN CLINICAL RESEARCH INFRASTRUCTURE NETWORK	FR
18	BFARM	BUNDESINSTITUT FUR ARZNEIMITTEL UND MEDIZINPRODUKTE	DE
19	HIQA	HEALTH INFORMATION AND QUALITY AUTHORITY	IE

20	ISS	ISTITUTO SUPERIORE DI SANITA	IT
21	CESSDA ERIC	CESSDA ERIC	NO
21.1	KNAW	KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN - KNAW	NL
21.2	EKKE	ETHNIKO KENTRO KOINONIKON EREVNON	EL
22	e-helse	DIREKTORAT FOR E-HELSE	NO
23	U.PORTO	UNIVERSIDADE DO PORTO	PT
24	SPMS	SERVICOS PARTILHADOS DO MINISTERIO DA SAUDE EPE	PT
25	NIJZ	NACIONALNI INSTITUT ZA JAVNO ZDRAVJE	SI
26	ERASMUS MC	ERASMUS UNIVERSITAIR MEDISCH CENTRUM ROTTERDAM	NL
27	EDHA gGmbH	EUROPEAN DIGITAL HEALTH ACADEMY GGMBH	DE
28	HDR UK	HEALTH DATA RESEARCH UK	UK
29	UESSEX	UNIVERSITY OF ESSEX	UK
30	INSERM	INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE	FR

Developing a data quality and utility label for the European Health Data Space.

Project number: 101137057
Call: HORIZON-HLTH-2023-TOOL-05
Topic: HORIZON-HLTH-2023-TOOL-05-09
Type of Action: Horizon-CSA
Start Date of Project: 01 January 2024
Duration: 30 months

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Table of Contents

Figures

Tables

1. Introduction

The QUANTUM website, found at quantumproject.eu, will serve as the central hub for disseminating the project's progress, milestones, and resources, providing comprehensive information to key stakeholders, partners, and the public. Developed by DIGITALEUROPE under Work Package 5 (WP5), the set up of the website supports is part of T5.2 Identity and branding [M1-M4] to effectively communicate and engage with diverse audiences. The launch of the website is part of D5.2, which will be publicly available on 30 April 2024 (M4).

The QUANTUM website is a cornerstone of the project's dissemination and outreach strategy, designed to be an evolving tool that adapts to the project's needs and stakeholder feedback, ensuring long-term engagement and accessibility. It will support spreading the benefits and applications of the QUANTUM labelling system to a wider audience, including researchers, policymakers, healthcare professionals, and the general public. It will also be the central repository for the project results, facilitating a common and joint dissemination and communication strategy for increasing the technical, scientific and social impact of the project.

2. Objectives of the website
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- **Provide information** about the project, its consortium, key outcomes, and resources to visitors.
- **Update target groups** with news, articles, and events related to the project's development.
- **Promote stakeholder engagement activities,** workshops, events, and public consultations.
- **Landing page for the QUANTUM Academy** (task 4.2: Development & provision of data quality labelling education)
- **Landing page for the QUANTUM exchange platform** (task 4.3: Sustainable community of practice and repository of best practice resources)
- **Dedicated section for the Forums:** tasks 5.4 ''Engagement with other international initiatives'', task 5.5 ''Engagement with citizens and patients'' and task 5.6. ''Linkage and exchange with other HealthData@EU building initiatives''

3. KPIs and monitoring

The Key Performance Indicators (KPIs) for the website (as part of the general Dissemination and outreach plan) include:

Website Indicator	KPIs by M30	Source of verification
Average no. of visitors (per year)	1000	Website analytics
Average no. of actions per user (Clicks/downloads/ change of pages/internal site searches)	1.5	

Table I - QUANTUM website KPIs monitoring

To verify that these KPIs are achieved, the website's performance will be continually monitored via Google Analytics, providing insights into visitor behaviour and website efficacy. The monitoring and maintenance will be done by DIGITALEUROPE throughout the whole project duration. After the project's completion (June 2026), the website will be kept publicly available for at least 2 additional years as a repository of the results and achievements.

4. Design and development of the website

Managed by DIGITALEUROPE, the website's design aligns with QUANTUM's branding and complies with [EU communication standards](#) and the [Web Accessibility Directive](#). It incorporates user-friendly interfaces, and accessibility features for diverse audiences. To enhance the website's appeal and engagement, visual elements such as images, infographics, graphs, videos, etc., will be incorporated throughout the project timeline, aligning with the release of the project's outputs and activities.

4.1 Design and development process

The design and development of the QUANTUM website followed a structured and collaborative approach to ensure it effectively meets the needs of the project and the different work packages. Initially, DIGITALEUROPE crafted the first version of the website's sitemap, based on the specific requirements outlined in the project proposal. The initial sitemap (Figure 1) was then shared with all project partners as part of a survey for WP5's Dissemination & outreach plan. This consultation allowed partners to provide feedback and suggest modifications, ensuring the final sitemap met the collective vision and needs of all stakeholders.
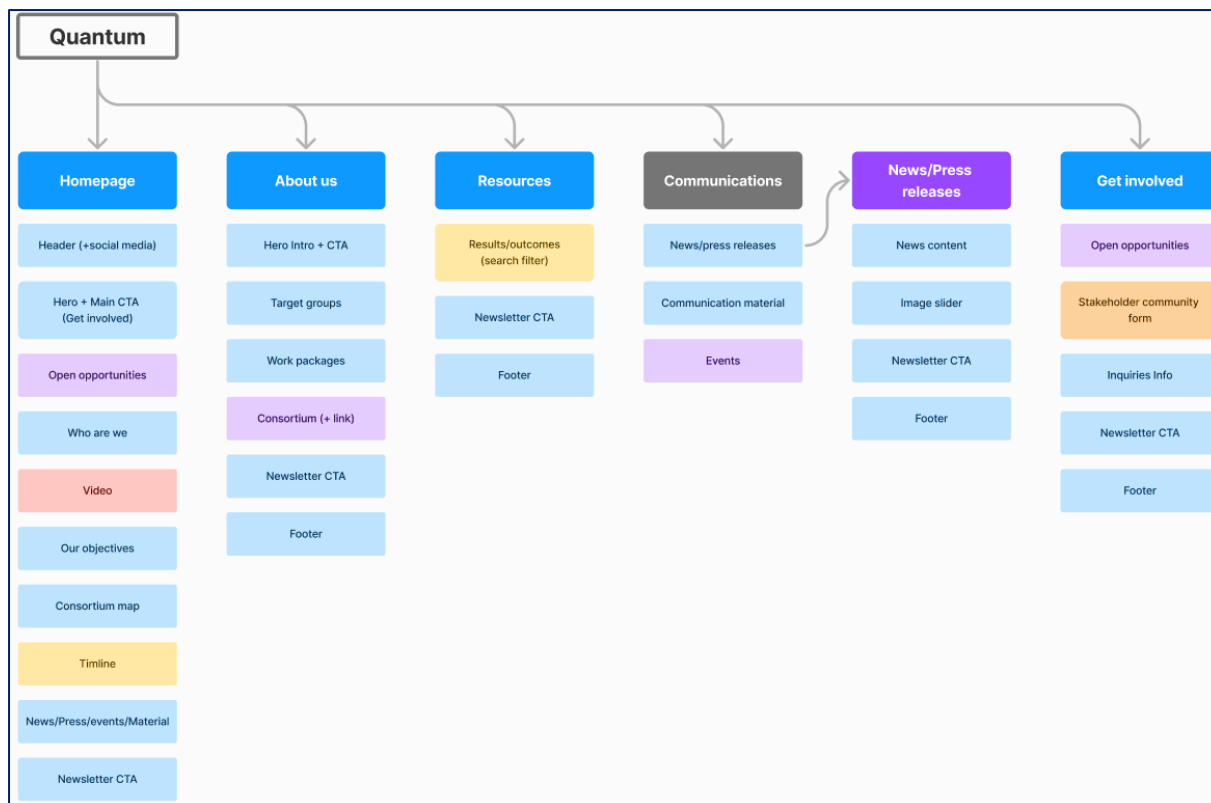
Figure I - QUANTUM website initial sitemap

Following the validation of the sitemap, DIGITALEUROPE collaborated with the agency Omen Studio for the website development. This collaboration began with the creation of wireframes that laid out the basic structure and navigation pathways of the website. After the wireframe approval, the team and agency progressed to developing the first version of the website (which is the one available by 30 April 2024).

Figure II - QUANTUM homepage version available by 30 April 2024

The following phases will involve the iterative process of populating the website with content. As the project progresses, various sections of the website will be filled with content sourced from ongoing work within the different Work Packages.

4.2 Website structure

The QUANTUM website will include essential elements to communicate about the project (Homepage, about us, Consortium, Work Areas, Communication, Contact us, Get involved). Based on the progress of the project, new sections will be added to the website (Resources, Events, Newsletter, Forums, Quantum Academy, QUANTUM exchange platform). This iterative approach underpins the WP Leader's commitment to align dissemination and communication with the various WPs, to drive more impact through the dissemination and outreach activities.

Each of the website's essential sections follows a specific objective and functionality:

- **Homepage:** provides a welcoming overview of QUANTUM, showcasing the latest content, quick links to major sections, and a visual snapshot of project highlights.
- **About us:** introduction of the project, target audiences, synergies with other EU initiatives, and overarching goals.
- **Consortium:** An overview of all partners (27 beneficiaries, 6 affiliated entities, and 3 associated partners) involved in the QUANTUM project, including a short description of the organisation and a direct link to their website.
- **Work Areas:** An overview of the
- **Resources**: a general repository for the work package's deliverables, publications, reports, and other educational materials. This section will allow users to filter by work package, type, and date.
- **Communication:** it will include the news & press releases to keep stakeholders and the public informed about project news and media appearances; Events to advertise upcoming workshops, conferences, and other events related to QUANTUM; the newsletter repository to distribute regular updates about the project to subscribed members; and Communication materials, such as templates, PPTs and 1-pagers to download.
- **Contact us:** to facilitate direct communication with the project team and overview of the social media channels.
- **Get Involved:** offers information on how to contribute or participate in project activities, including a sign-up interface for newsletters or updates.

5. Ethical Considerations

The QUANTUM website will follow ethical standards including W3C guidelines, featuring a clear accessibility statement, and robust privacy policies detailing data collection, processing, and retention practices to ensure user data protection and transparency.

The website will be fully accessible and compliant with the European standards for digital accessibility, aiming to achieve "Level AA" conformance to the Web Content Accessibility Guidelines (WCAG) 2.1, adhering to the requirements of the EU Web Accessibility Directive (Directive (EU) 2016/2102). It will be compatible with screen readers for the visually impaired and the published content will use clear language to respond to the needs of all audiences.

WP5 will continually work on improving the accessibility of the content and remain open to feedback.

6. Next steps and future developments

6.1 Testing of the website

The QUANTUM website will undergo a testing phase with partners to ensure it effectively meets the project's requirements and is both user-friendly and accessible. This process involves soliciting feedback from consortium members within WP5 and assigning the communication responsible to other partners. Their insights will help refine the website's design, navigation, content, and accessibility features to ensure it addresses the needs of all users.

After the integration of the feedback and final adjustments, the website will be launched and promoted across a broad spectrum of channels. This process includes extensive promotion through social media platforms, emails, and partner channels. Additionally, QUANTUM's visuals and printed materials will feature QR codes to direct users to the website conveniently, enhancing user engagement and accessibility.

Post-launch, WP5 will continue to coordinate content generation, maintaining the communication quality on the website. This ongoing process will involve regular updates to keep the content fresh, relevant, and aligned with the latest developments in health data management. Continuous engagement from all consortium partners will be essential, contributing regularly to the website with updates on publications, news, and upcoming events.

6.2 Addition of further sections

Recognising the dynamic nature of the QUANTUM project, the website is designed to be a "living deliverable" that evolves over time. Future developments planned for the website include the addition of various new sections that will reflect the ongoing progress and achievements of the project. These additions will be designed to enhance the website's utility as a comprehensive resource for all stakeholders involved. Planned additions include:

- **Resources:** This section will house all deliverables, publications, and reports generated by the project, serving as a central repository for information and findings.
- **Events:** Dedicated to showcasing upcoming and past events, this section will provide details such as dates, locations, agendas, and registration information, encouraging active participation from the community.
- **Newsletter editions:** This section will archive all QUANTUM newsletter issues, offering easy access to past editions and updates.
- **Forums:** Reflecting QUANTUM's commitment to community engagement, forums such as the Projects Forum, HealthData@EU Forum, and forums for citizens and patients will facilitate dialogue and feedback, enriching the project's collaborative

environment.

- **QUANTUM Academy:** This section will host the landing page of the educational platform that will deliver training resources to build capacity among stakeholders in health data quality.
- **QUANTUM Exchange Platform:** This section will host the landing page of the repository for best practices and community exchange.

Each of these sections will be developed in response to the project's evolving needs and the feedback from users and stakeholders. They are intended not only to enrich the website's content but also to enhance its role as a central engagement and information platform throughout the QUANTUM project and beyond.

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