



Project title: Accelerating the lab to market transition of AI tools for cancer management

Grant Agreement: 952172

Call identifier: H2020-SC1-FA-DTS-2019-1

Topic: DT-TDS-05-2020 AI for Health Imaging

D11.1 DISSEMINATION TOOLKIT

Leader partner: Beneficiary 17, EIBIR

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Work Package: WP11

Due date: Month 4

Actual delivery date: 16/12/2020

Type: Other

Dissemination level: PU

Tables of contents

1. Introduction	3
2. Visual Identity	3
3. Website	6
4. Conclusion	14

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1. Introduction

To support the project's outreach and dissemination activities, a first toolkit has been assembled for CHAIMELEON: project logo and design elements, templates for reports, presentations and posters, and a project website.

This document provides an overview of the set-up and design of the project's visual identity and presents the CHAIMELEON website in a series of screenshots and images along with some brief information on the individual webpages.

2. Visual Identity

A key element of the onset of CHAIMELEON was the creation of the project visual identity that would be able to visually communicate information on the project.

The idea behind naming the project CHAIMELEON was to show the core characteristics of this project through the unique characteristics of a chameleon: it changes depending on the context/environment, it is elusive and hard to identify in the middle of the jungle. The capabilities and behaviour of a chameleon have stunning similarities with what happens with the replicability of results when analysing datasets of health imaging data. Replicability of results is hard to get. Within the project, we deal with multiple data sources, varying results that are environment- and context-dependent, image variability, hidden truths, etc. However, using AI may help. Hence, the "AI" was introduced in the project acronym CHAIMELEON.

The visual identity thus highlights this elusiveness and similarities to the chameleon as well as the AI component of the project. Based on the logo, orange has been chosen as the main colour, but it will always be accompanied by green, blue, yellow and pink to highlight variety and variability.



Figure 1: The CHAIMELEON Logo

This approach has also been followed to create several templates to be used for presentations, reports, and posters. The CHAIMELEON PowerPoint template was created along these lines:



Figure 2: CHAIMELEON PowerPoint Template: title slide



Figure 3: CHAIMELEON PowerPoint Template: content slide 1

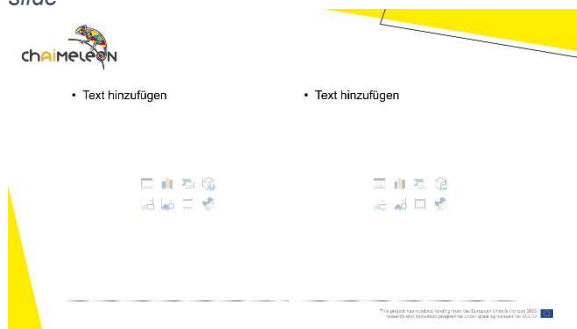
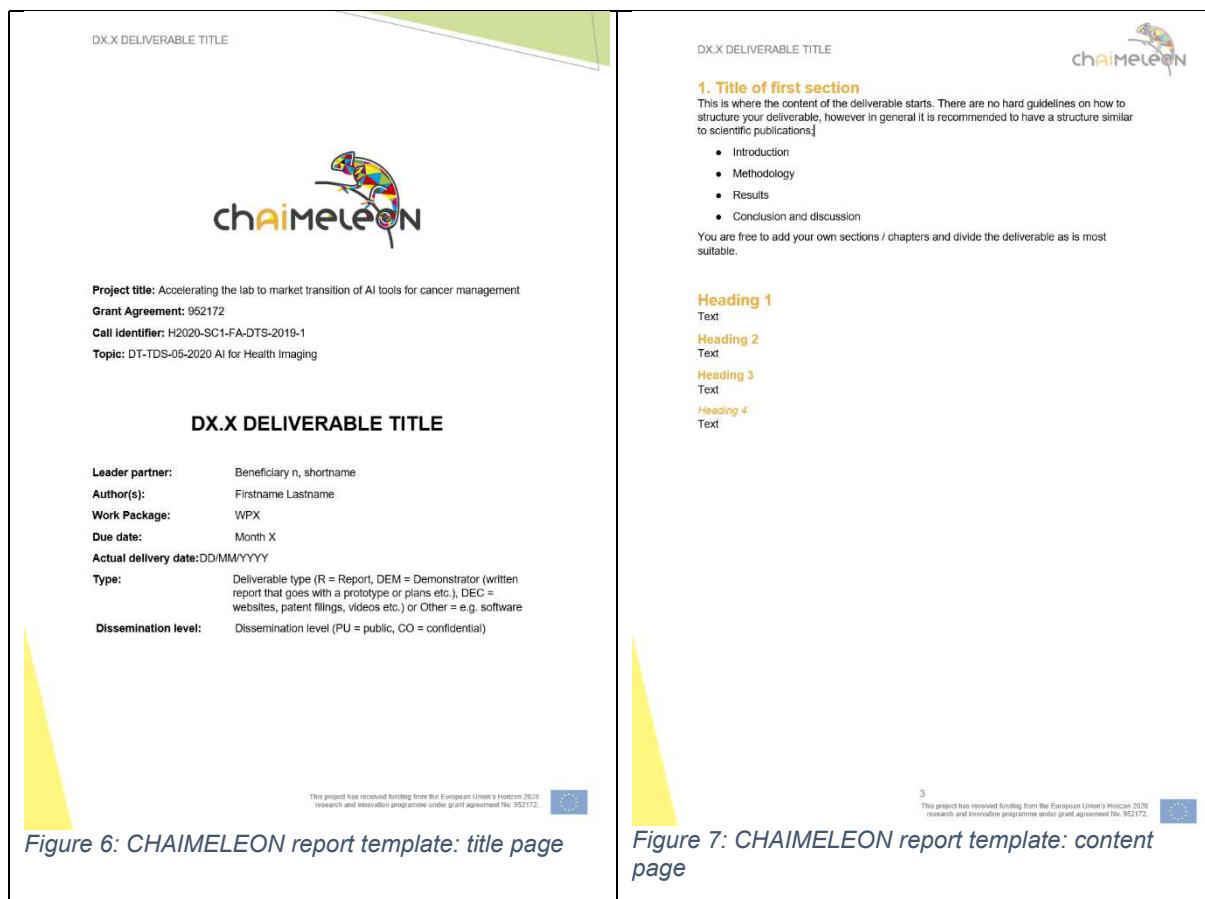


Figure 4: CHAIMELEON PowerPoint Template: content slide 2



Figure 5: CHAIMELEON PowerPoint Template: thank you slide

In addition, a word template for internal and external reports was created:



Replace This Text With Your Title

John Smith, MD¹; Jane Doe, PhD²; Frederick Jones, MD, PhD^{1,2}
University of Affiliation, ¹Medical Center of Affiliation

Abstract

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Methods and Materials

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Discussion

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Conclusions

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Introduction

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Conclusions

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Table 1: xxxxx

	Heading	Heading	Heading
Item	800	790	4001
Item	356	856	290
Item	228	134	238
Item	564	875	976
Item	324	325	301
Item	199	137	186

Figure 1: xxxxx

Figure 1: xxxxx

Figure 2: xxxxx

Figure 2: xxxxx

Figure 3: xxxxx

Figure 3: xxxxx

Contact

>your name<
>your organization<
Email: >your email address<
Website: >your website address<
Phone: >your phone number<

References

1. Smith J, Doe J, Jones F. The importance of accurate data in the development of new products. *Journal of Product Development*. 2010; 1(1):1-10.

3. Website

The website design was initiated based on the CHAIMELEON logo. Every effort was made throughout the design process to create a clean, simple and intuitive design that allows users to easily and quickly find the information they want. For the homepage of the website parallax scrolling format has been implemented, as it allows users to simply scroll through all the main features of the website without having to navigate through a maze of separate pages.

The sections of the website include:

- Home page
- Project Summary
 - About the project
 - Work Packages
 - Deliverables
- News
- Partners
- Publications
 - Scientific Publications
 - Press & Media
- Contact
- Legal notice

The project content related sections of website will be regularly updated according to project progress. It will serve as the central information system for all project-related information and communication activities throughout the project's lifetime and beyond.

The following series of screenshots provide an overview of the website:

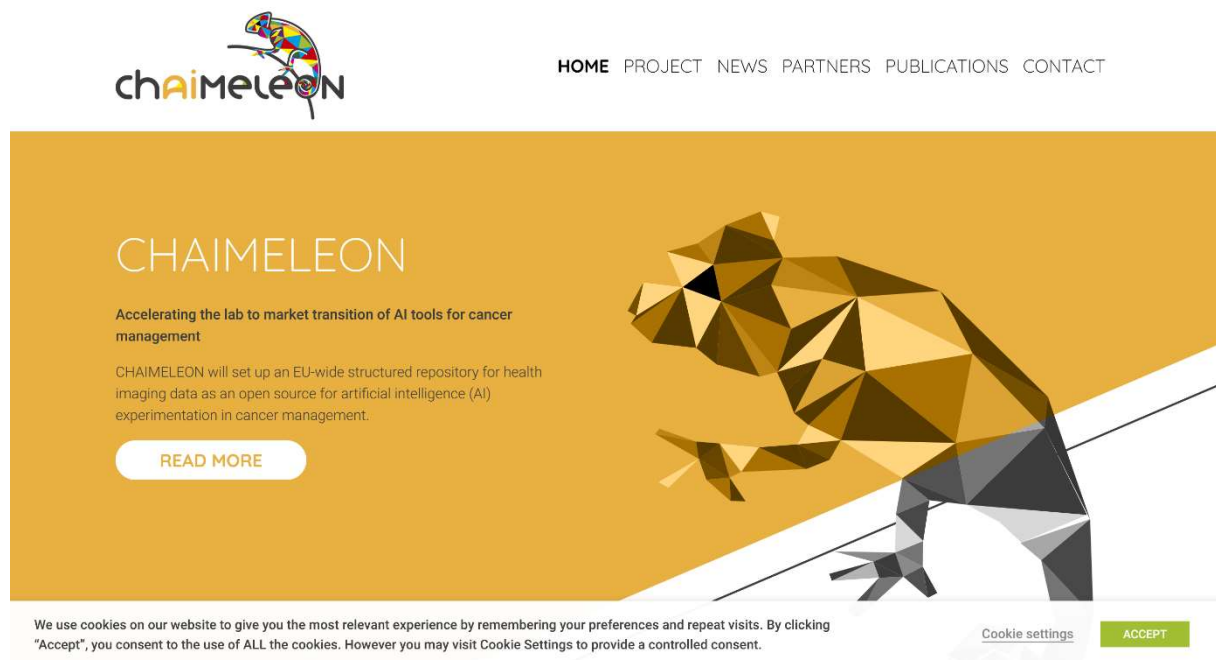


Figure 9: Top section of CHAIMELEON website incl. cookie preferences pop-up

THE CHAIMELEON PROJECT

ARTIFICIAL INTELLIGENCE AS A NEW TOOL FOR CANCER MANAGEMENT COORDINATION

CHAIMELEON aims to set up an EU-wide structured repository for health imaging data to be openly reused in Artificial Intelligence (AI) experimentation for cancer management. It will be built as a distributed infrastructure and populated with multimodality imaging and related clinical data for historic and newly diagnosed lung, prostate and colorectal cancer patients.

The CHAIMELEON repository will be designed to meet the need for access to large datasets of high quality in interoperable repositories enabling secure sharing across Europe with the specific purpose of constituting an open, accessible, intuitive resource for the community of developers of AI-based solutions for cancer management.

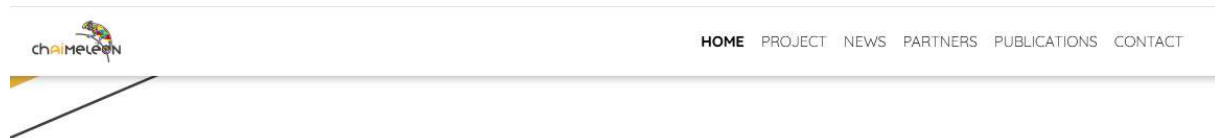
FACTS AND FIGURES

Name	Accelerating the lab to market transition of AI tools for cancer management
Acronym	CHAIMLEON
Start date	September 1, 2020
End date	August 31, 2024
Project Coordinator	Prof. Luis Marti-Bonmati, HULAFE
Consortium	18 partners from 10 countries
Total funding	€ 8 784 038,75

CONTEXT

The use of Artificial Intelligence (AI) on health data is generating promising tools for assisting clinicians in application fields such as cancer management. Increasing favourable outcomes suggests that **health imaging-based AI**

Figure 10: Page with project description



ABOUT THE PROJECT

The CHAIMELEON project aims to develop a structured repository of health images and related clinical and molecular data on the most prevalent cancers in Europe: lung, breast, prostate and colorectal.

This EU-wide interoperable repository will greatly facilitate and contribute to the development and validation of AI tools for improved cancer management.

CHAIMELEON's **key objectives** are to:

- Provide access to large databases in line with legal and ethical requirements
- Establish an EU-wide interoperable repository with quality-checked imaging data as a resource for developing and testing AI tools for cancer management
- Set up a distributed infrastructure building on existing initiatives
- Explore disruptive harmonisation approaches and provide an online processing pipeline for images harmonisation
- Implement online processing pipelines enhancing the integrity and interpretability of AI solutions
- Evaluate and validate the repository internally and externally
- Perform early clinical external validation of AI-based solutions
- Ensure the sustainability of the repository beyond the project runtime and build a large and active userbase

WORK PACKAGES

CHAIMELEON is divided into twelve individual work packages to address the key objectives of the project.

[FIND OUT MORE](#)

DELIVERABLES

We're making our research findings available for readers and are providing open access to our results and public deliverables.

[ACCESS OUR RESULTS](#)

Figure 11: About section with links to a page with work packages descriptions and a results repository which will contain all public deliverables

DELIVERABLES

Over its four years of research, the CHAIMELEON project will achieve a number of key results on its path to developing an open, accessible EU-wide interoperable data repository as a resource for testing AI-based solutions for cancer management. The list below contains the project's public deliverables and will be updated as the project progresses.

Deliverable	Date	Link
D11.1 Dissemination toolkit	31/12/2020	DOWNLOAD

Figure 12: Page with list of public deliverables that will be updated as the project progresses

NEWS

Stay up to date on the CHAIMELEON project.

We will periodically share news on research developments, publications, presentations and more. For more updates, be sure to follow the project on social media as well.

NEWS ARCHIVE



Follow us on Twitter

CHAIMELEON is now on Twitter! Follow us for the latest news about our project.

[READ MORE](#)


CHAIMELEON kick-off meeting

On September 4, representatives of all 18 partners met in an online kick-off meeting.

[READ MORE](#)


CHAIMELEON project launched

September 1, 2020 marked the official start date of our CHAIMELEON project.

[READ MORE](#)

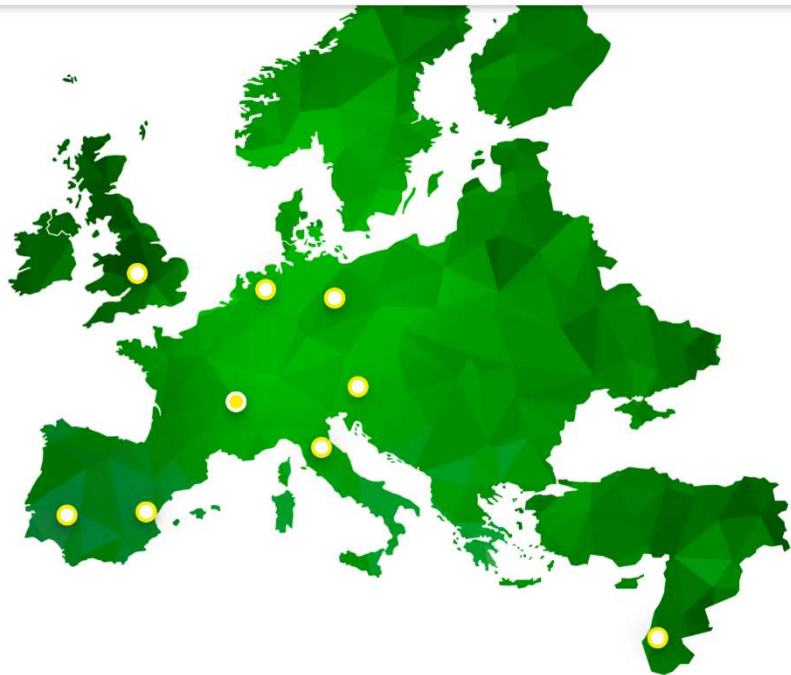
Figure 13: News section with latest news posts, which are then linked to more detailed reports. A link to the news archive is provided.

PARTNERS

The interdisciplinary CHAIMELEON consortium is made up of 18 partners from 10 countries.

It constitutes a pan-European ecosystem of knowledge, infrastructures, biobanks and technologies on oncology, AI/in-silico and cloud computing addressed to health. Learn more by clicking on the dots on the map and the countries listed below.

The CHAIMELEON project also collaborates with other European projects and initiatives. Find out more about our collaborations [here](#).



FRANCE



Collège des Enseignants de Radiologie de France



MEDEXPRIM

Figure 14: Partners section with animated dots to identify the location of the partners. When selecting a dot, the logos of the participating partners from this country appear. Each country has a separate page with a description of each partner, as depicted in Fig.15.. A link to a list of external collaborators is also included in this section.

FRANCE

COLLEGE DES ENSEIGNANTS DE RADIOLOGIE DE FRANCE (CERF)



Collège des Enseignants de Radiologie de France, CERF, is a non-benefit association that is in charge of education and research for students and residents in Radiology in France. This organisation with around 350 physicians (active members, retired, invited, external personalities, etc.) is present in all university hospitals (32 main hospitals). Education is mainly delivered to students in courses during the first 6 years of medicine (2 books). The program for the residency during years 5 to 6 is carried out by e-learning, in-class conferences and hands-on workshops. Research is organised to drive multicentre studies, to publish national publication indicators to evaluate studies with an ethical comity in order to obtain IRB.

ROLE IN THE PROJECT

CERF is running the project DRIM France IA: a national initiative address to building and operate the biggest qualified

Figure 15: Partner page for the CERF, France.

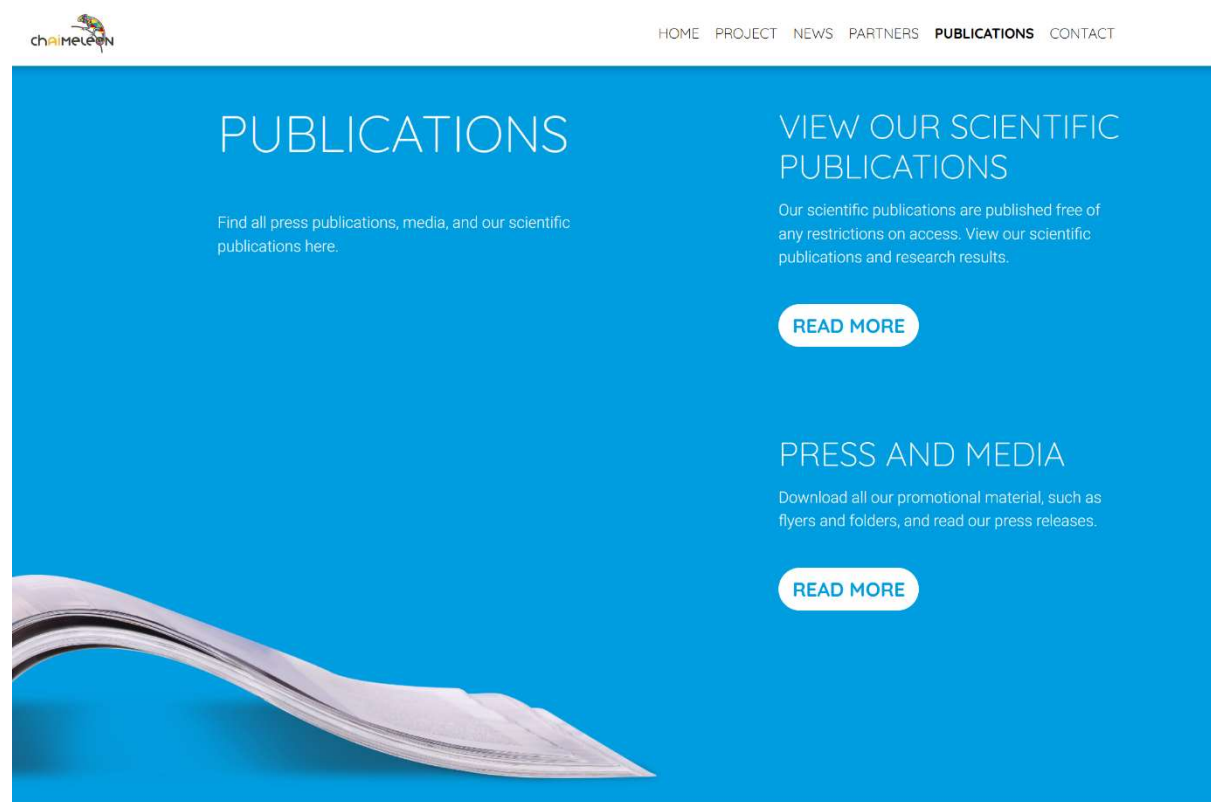


Figure 16: The publications section. By clicking on “read more” the user is taken to a page with online repositories for open access publications, press material, and other media.

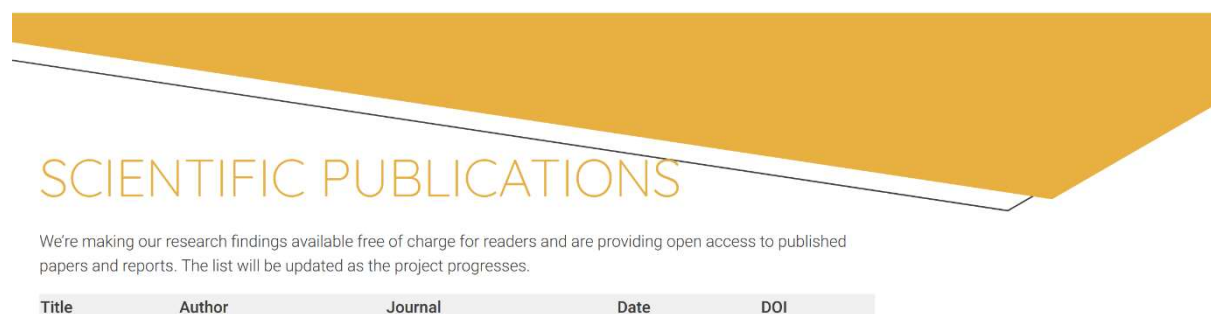



Figure 17: Publications page with a file repository of open access articles that will be added when available.

PRESS AND MEDIA

Download all our promotional materials, such as flyers and folders, and read our press releases.

Item	Link
CHAIMELEON Logo	DOWNLOAD
Press Release (Spanish)	LINK

Figure 18: Press and media page with promotional material and press releases.



[HOME](#)
[PROJECT](#)
[NEWS](#)
[PARTNERS](#)
[PUBLICATIONS](#)
[CONTACT](#)

CONTACT

If you have any questions or would like to receive more information on CHAIMELEON, get in touch with us.


SEND US A MESSAGE

Your Message


Your Name

Your email address


SEND




Luis Marti-Bonmati
Prof. Marti-Bonmati is head of the medical imaging department of HULAFE and acts as project coordinator of CHAIMELEON. He chairs the CHAIMELEON consortium and leads the project in scientific aspects.



Karine Seymour
Dr. Karine Seymour is president and founder of MEDEX. As technical manager of the CHAIMELEON project, she oversees all scientific and technical matters and heads the Science & Technical Committee.



Ricard Martinez
As an expert in personal data protection from UV, Prof. Ricard Martinez acts as the projects' data protection officer. He is responsible for the ethical and legal aspects related to the CHAIMELEON repository.



Ana Miguel
Dr. Ana Miguel is a project manager at HULAFE and is responsible for the overall management of the CHAIMELEON project.

Figure 19: The contact section with details of the coordinator, technical manager, data protection officer, and project manager.



CHAIMELEON is a four-year research project developing an EU-wide repository for health-related imaging data as an open source for AI experimentation in cancer management.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 952172.



Copyright Chaimeleon 2020

Figure 20: Website footer with EU emblem and funding sentence, as well as a button to follow the project's Twitter account (@chaimeleon_eu).

4. Conclusion

A visual identity has been successfully set up for the CHAIMELEON project and a first toolkit for dissemination activities has been provided. The toolkit includes the project logo, templates for reports, presentations and posters.

In addition, a project website has been created and a dedicated Twitter account (@chaimeleon_eu) has been set up. The CHAIMELEON website serves as the central platform for all project-related public information and thus is a key communication instrument of the project during its lifetime and beyond. It will provide all dissemination material developed during the project and links to any publication made in relation to CHAIMELEON. The website will be further developed and regularly updated according to project progress and achievements. The Twitter account will be used to broadly disseminate project results and engage the general public and specific target audiences in a dialogue. This allows the partners to gather feedback on their results and achievements.