

ASCAPE Awareness Webinar

MAY 2021



Project Overview

AI Supporting CAncer Patients across Europe

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Webinar Agenda

11:15 - 11:30: Welcome, introduction, Project overview & approach 

11:35 - 11:50: ASCAPE framework and technical innovations 

12:00 -12:15: Clinical overview - critical analysis of the clinical data 

12:20 - 12:35: ASCAPE Open Call overview – objectives – procedures - timeline 

Q&A Session (as long as it takes 😊 until 13:00)

ASCAPE



Project Information

ASCAPE

Grant agreement ID: 875351

Status

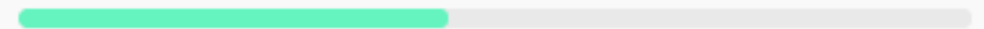
Ongoing project

Start date

1 January 2020

End date

31 December 2022



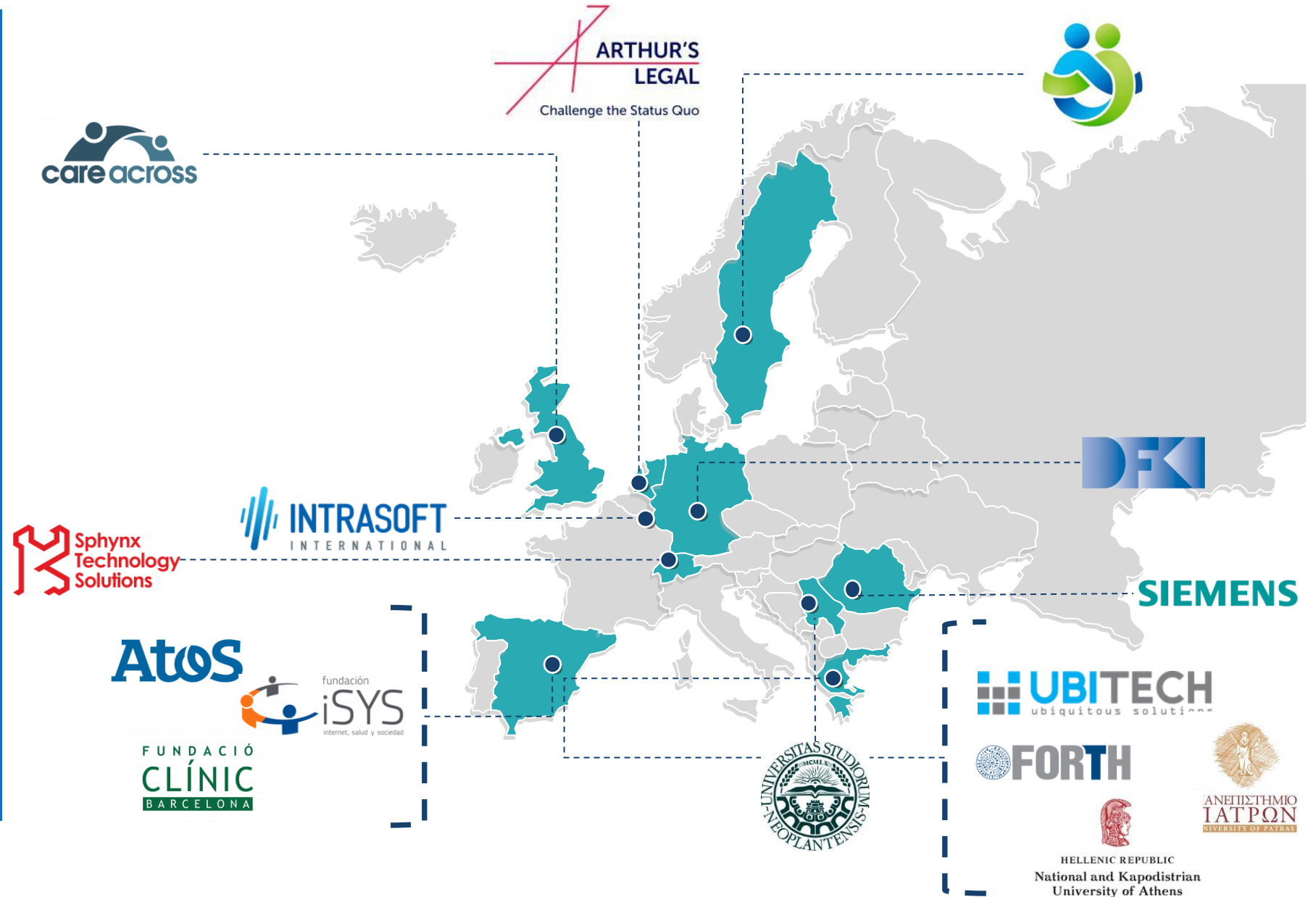
Programme(s)

Improving health information and better use of health data
Transferring knowledge to clinical practice and scalable innovation actions

Topic(s)

Big data and Artificial Intelligence for monitoring health status and quality of life after the cancer treatment

ASCAPE Consortium



ASCAPE Motivation

Observation 1. Cancer treatment is a long-time process which is not only confined in hospitals and clinics.

Observation 2. There is a need for patient-centric frameworks and approaches in cancer treatment.

Observation 3. The ICT sector has been achieving some major breakthroughs the latest years.

Observation 4. There is a need for an ecosystem that can bring the various stakeholders together but keep their private data separate.

Observation 5. Creating new business opportunities will pave the way to better and faster solutions for cancer support and vice-versa.



ASCAPE Vision

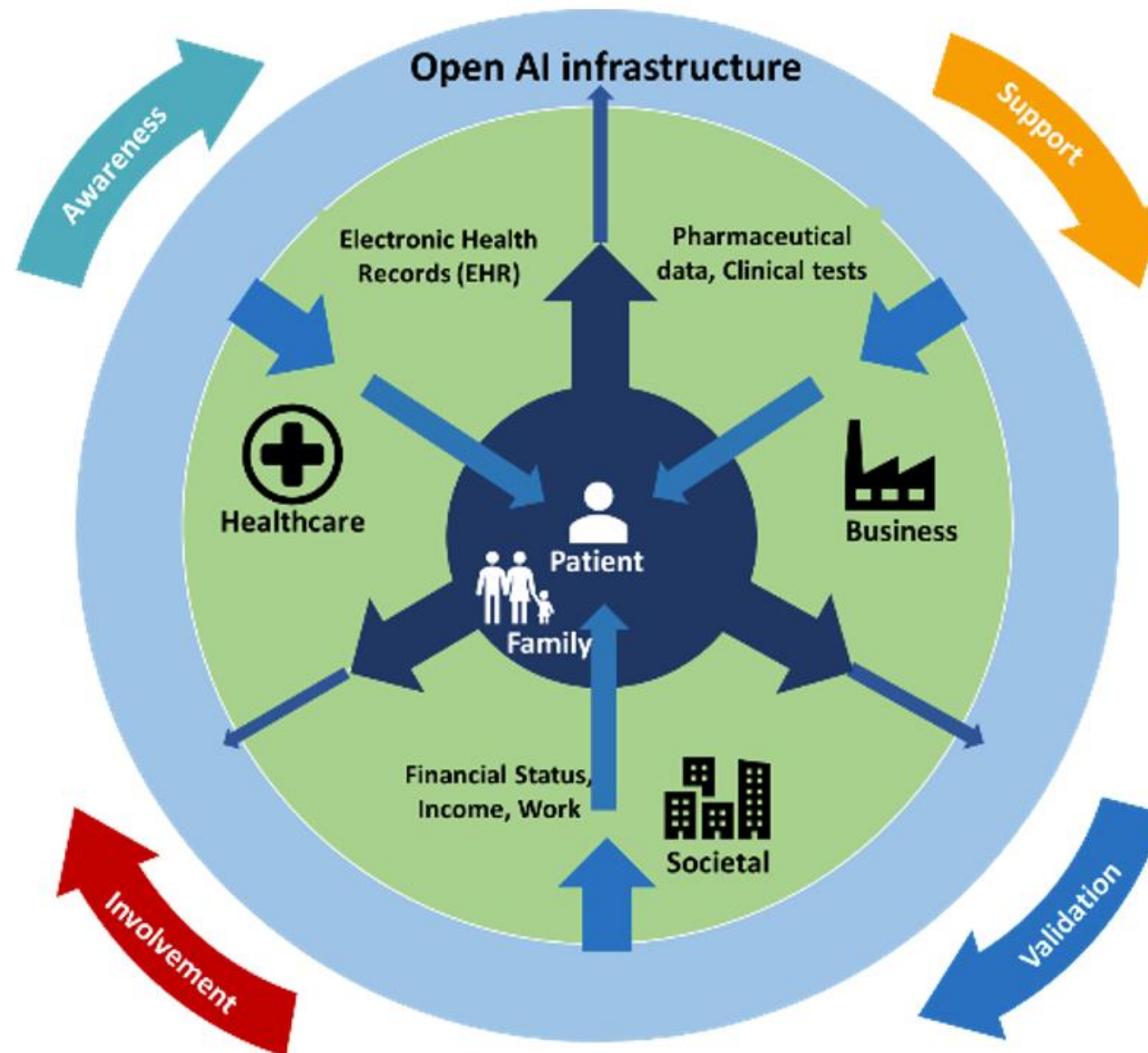
 AI*Support cancer patients-survivors* Big Data*Assist Healthcare providers* ML

Create an open **AI infrastructure** that will enable health providers (hospitals, research institutions, companies, etc.) deploy an edge-node locally and execute the AI algorithms **on their private data without the need to send their data outside their domain.**

Data-derived knowledge is made available to doctors to aid them in their decisions and help provide a better Quality of Life trajectory to their patients.

The long-term vision is to create a framework where multiple healthcare stakeholders will work together and **share knowledge about various types of cancer and if possible other kinds of health issues.** For the duration of this project, *ASCAPE* will focus the training of this AI in two types of cancer, **breast and prostate.**

ASCAPE Approach



Project Objectives

- 1 Identify and address the key factors that will improve their quality of life and post treatment course.
- 2 Build an AI infrastructure for cancer treatment. Focus its training on predictive and personalized treatment for breast and prostate cancer patients.
- 3 Validate project's solutions and how they affect the quality of life after cancer treatment in multiple healthcare institutes and SMEs.
- 4 Increase awareness, collaboration and involvement for promoting a joint effort for cancer treatment and patients support.
- 5 Promote industry innovation, business collaborations and maximize the project's impact by creating a sustainable solution

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Thank you

Let's keep learning

