



eCAN Plus description:

The Joint Action 'Enhancing digital capabilities of cancer centres in Europe to improve prevention and care' (eCAN Plus) is a flagship EU project in digital oncology and cross-border health data exchange. Its goal is to make the benefits of digital health accessible to all citizens, patients and healthcare professionals.

The initiative involves 81 organisations from 23 European countries. Together, they seek to address the increasing incidence of cancer, expected to rise by 20% by 2040. As part of this effort and building on the eCAN Joint Action's experience (2022-2024), this project involves testing and piloting the safe and secure integration of digital tools and health data in order to improve the use and re-use of health data. The growing adoption of telemedicine tools and the European Health Data Space's legal framework provide the foundation for implementing these mechanisms.

Through comprehensive mapping of current scenarios, training programmes, use cases, and pilots, eCAN Plus also intends to strengthen collaboration among cancer centres and enhance the digital skills of healthcare professionals. Moreover, by gathering and sharing knowledge from participating countries, eCAN Plus expects to develop recommendations and highlight best practices along the cancer care pathway, thereby improving patients' access to effective healthcare.

DISCLAIMER:

This project started on the 1st of May of 2025 and lasts until the 30th of April of 2029. It has been co-funded by the European Union (EU4Health Programme; Grant N° 101219434). Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or HaDEA. Neither the European Union nor the granting authority can be held responsible for them.

Link to the eCAN Plus section in the European Commission's website:

https://health.ec.europa.eu/non-communicable-diseases/cancer/europes-beating-cancer-plan-eu4health-financed-projects/projects/ecan-plus_en

The Joint Action 'Enhancing digital capabilities of cancer centres in Europe to improve prevention and care' (eCAN Plus) aims to **bring the benefits of digital health to all citizens, patients and health care professionals** to improve cancer prevention and care across Europe.



81 institutions



23 countries



4 years
2025 -2029



25 million

VISION

Equitable access to digital health in cancer prevention care

Secure health data cross-border exchange

Practical strategies to **transform the digital health ecosystem**

OBJECTIVES



To implement a comprehensive training programme for digital skills development.



To enhance digital collaboration among cancer centres.



To explore clinical applications of telemedicine in different cancer care settings.



To bolster preparedness for the European Health Data Space's implementation.

WHY eCAN Plus?

The rising use of telemedicine and innovative legal framework of European Health Data Space offer opportunity to better address population health needs. Built on the experience of the [eCAN JA](#), this project contributes to integrate digital tools and improve health data use for the benefit of cancer patients.

WORK PACKAGES

PROJECT MANAGEMENT

WP1 Coordination

WP2 Communication

WP3 Evaluation

HEALTHCARE SYSTEM IMPLEMENTATION

WP4 Sustainability

WP9 Cancer digital health tools reimbursement in the EU

PILOTS AND USE CASES

WP5 Promoting cancer prevention and care through a comprehensive digital health literacy programme

WP6 Collaborative clinical decision-making in diagnostics, treatment, and care across cancer centres

WP7 Capacity building for telemedicine

WP8 Capacity building for effective telemonitoring and patient follow-up

ON-THE-GROUND WORK

Digital skills training pilot

Digital cancer prevention education programme

Health data exchange use cases

Virtual molecular tumour boards
Digital discharge conferences

Telemedicine implementation pilots

Active-treatment setting
Palliative care setting
Survivorship setting

APPROACH

The JA foresees to bring lasting impact to different targeted audiences. **The project's expected outputs pave the way for a wider rollout of eHealth in oncology**, but also supports decision-makers by providing recommendations and guidelines. The public health institutes, universities, hospitals, cancer centres, and patient associations involved follow a multidisciplinary approach focused on:

COMPREHENSIVE ANALYSIS

- Landscape analysis to map state of play, best practices and gaps on digital health literacy, training programmes and cancer prevention and care initiatives.
- Evaluation of cancer centres preparedness for the HealthData@EU platform to ensure secure sharing of health data.
- Assessment of telemedicine interventions based on patient reported outcomes.

PRACTICAL DEPLOYMENT

- Guidelines, protocols and toolkits to ease the uptake of telemedicine in cancer care.
- Blueprint for integrating cancer digital applications into EU healthcare systems.
- Strategy plan for implementing the European Electronic Health Record Exchange Format.

KNOWLEDGE EXCHANGE

- Synergies with other cancer and/or digitalisation related projects and stakeholders' engagement.
- Project evaluation, dynamic monitoring and risk assessment approach.
- Broad perspective, geographic coverage and benchmarking with experts.



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“ Enhancing the digital capabilities of cancer centres in the European Union to improve prevention and care - eCAN Plus ”

Breve Descrizione

Obiettivo Generale: L'iniziativa intende estendere i benefici della sanità digitale (digital health) a cittadini, pazienti e professionisti sanitari in tutta Europa, con una particolare attenzione alla riduzione delle disparità tecnologiche nei paesi dell'Europa orientale. **Consorzio:** Il progetto coinvolge 23 paesi europei e 83 partner chiave, tra cui istituti di sanità pubblica, università, ospedali, centri oncologici e associazioni di pazienti, sotto il coordinamento dell'istituto belga Sciensano.

Attività Principali:

Formazione: Implementazione di un programma completo per lo sviluppo di competenze digitali (telemedicina, telemonitoraggio, strumenti di eHealth) rivolto a medici, pazienti e grande pubblico.

Collaborazione Digitale: Rafforzamento della cooperazione tecnologica tra i centri oncologici all'interno e tra i diversi stati dell'Unione.

Telemedicina e Telemonitoraggio: Integrazione di strumenti di telemedicina nella pratica clinica e creazione di un quadro solido e integrato per il follow-up remoto dei pazienti oncologici attraverso app mobili e tecnologie indossabili (wearables).

Gestione dei Dati: Sviluppo di un framework sicuro per l'uso e il riutilizzo dei dati sanitari a beneficio dei pazienti, garantendo la conformità alle normative UE (come il GDPR).

Risultati attesi: Il progetto mira a produrre un "blueprint" (modello di riferimento) per la trasformazione digitale dei centri oncologici, promuovendo un sistema sanitario più interconnesso e sostenibile.

Ente finanziatore

European Commission

Codice Progetto

ECAN+ 101219434

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01/05/2025

Data fine progetto

30/04/2029

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