CCI4EU

Comprehensive Cancer Care Infrastructures for Europe

Web Infoday Joint Action EU4Health

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What is a Comprehensive Cancer Centre (CCC)?

A **comprehensive cancer centre** is an organisational entity with a **clear central governance** spanning cancer care, research, and education (generally in one geographical location) including:
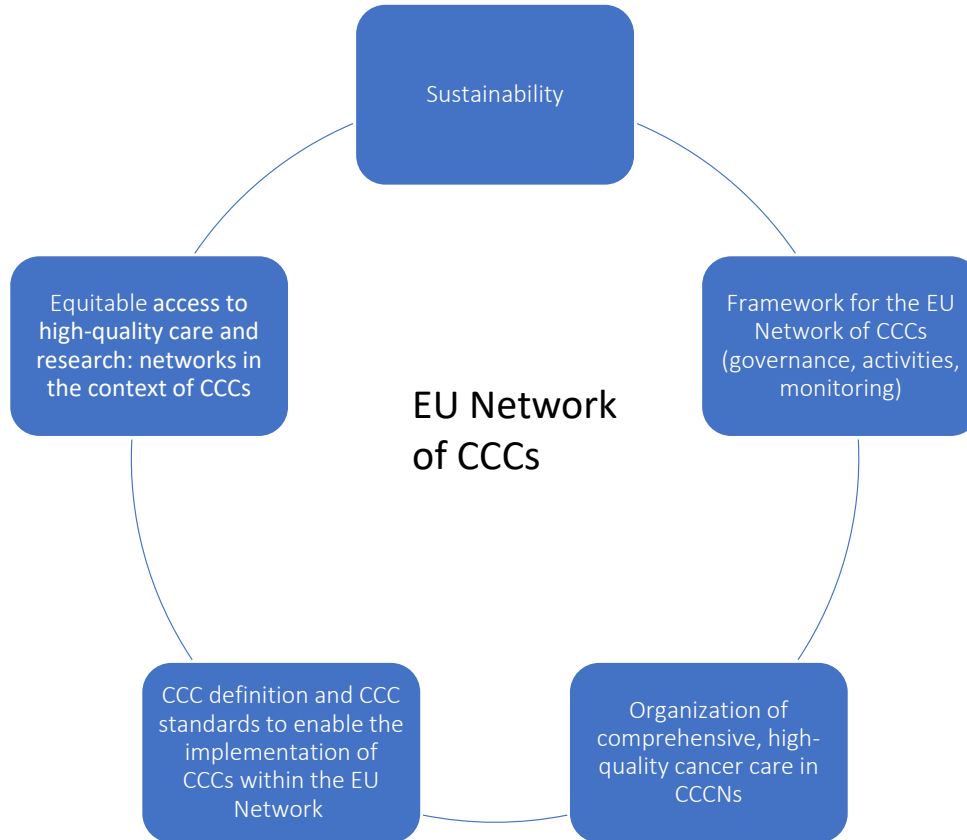
- a direct provision of an extensive range of **high-quality cancer diagnostics and care covering at least all the major cancers**

- a high level of infrastructure, expertise, and innovation in **cancer research, especially in translational and clinical research** (including early clinical trial units), but also in many cases including basic science and discovery science

- **a university partnership** as part of the centre, or strong links with universities and research institutes

- **extensive international networking** in research and clinical trials

- **educational programmes** for clinicians, researchers, and patients

Background: To reduce inequalities in standards of care across MSs, the European Beating Cancer Plan (EBCP) strives to improve patients' access to a higher-quality cancer care and to ensure that 90% of eligible patients have access to Comprehensive Cancer Centres by 2030.

CraNE JA responds to Flagship n. 5 of the EBCP that seeks to establish a Network linking Comprehensive Cancer Centres in the EU by 2025.

The EU Network will facilitate the uptake of high-quality diagnosis and treatment, including training, research and clinical trials and enable cross-border collaboration among CCCs.

EU Network of CCCs

- Sustainability
- Framework for the EU Network of CCCs (governance, activities, monitoring)
- Organization of comprehensive, high-quality cancer care in CCCNs
- CCC definition and CCC standards to enable the implementation of CCCs within the EU Network
- Equitable access to high-quality care and research: networks in the context of CCCs

❑ Duration: 24 months (Oct. 2022-Sept.2024)

❑ Budget: € 3.749.997, 87

❑ Partners: 25 countries

What is a Comprehensive Cancer Infrastructure?

The Mission Board of the EU Mission on Cancer has defined **Comprehensive Cancer Infrastructures** as:

'National or regional infrastructures that provide resources and services to support, improve and integrate cancer care, research, training of care professionals and education for cancer patients, survivors and families/carers.'*

In addition, the Cancer Mission Board added that: *Different formats of Comprehensive Cancer Infrastructures are possible, including existing Comprehensive Cancer Centres or Care Networks*.

The Horizon Europe Mission on Cancer will complement the set-up across Member States and several Associated Countries of an EU network of Comprehensive Cancer Centres (CraNE JA) that will be established through the Europe's Beating Cancer Plan by 2025. The Mission aims to achieve the **target** of ensuring that **90% of eligible cancer patients have access to Comprehensive Cancer Infrastructures by 2030.**

Current Challenges and Objectives of the Project

The issue:

There is a great disparity among MSs in terms of the presence, functioning and performance of Comprehensive Cancer Infrastructures (CCIs).
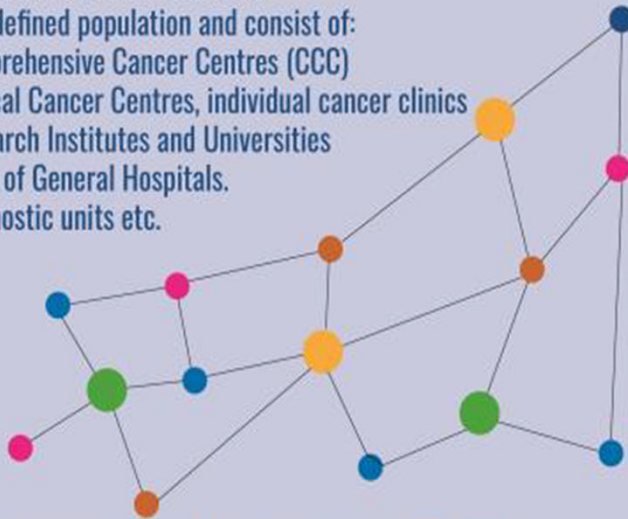
CCI4EU Objective:

To support MSs and ACs in **enhancing** or **developing** their **Comprehensive Cancer Care Infrastructures** through a tailored <u>Capacity Building programme</u> that focuses on developing research innovation capabilities, digital-related capacities and their integration with cancer care.

CCI: A Comprehensive Cancer Infrastructure should also include public functions such as public health, screening, primary and community care, and population cancer registries.
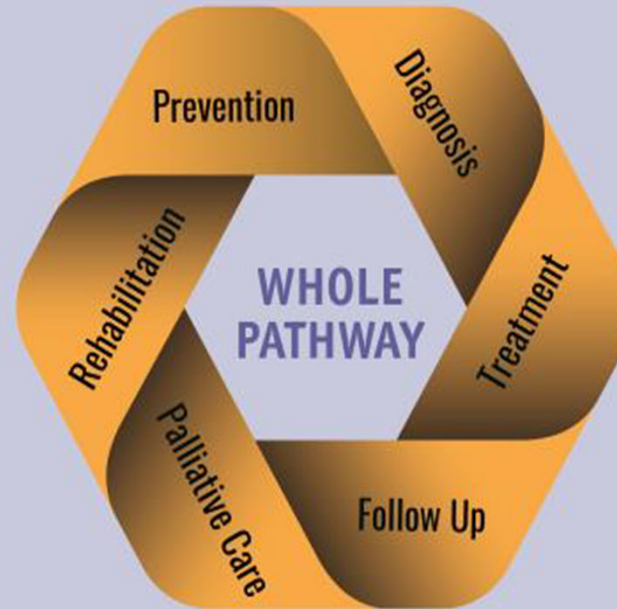
CCN

Comprehensive Cancer Networks* serve a defined population and consist of:
- Comprehensive Cancer Centres (CCC)
- Clinical Cancer Centres, individual cancer clinics
- Research Institutes and Universities
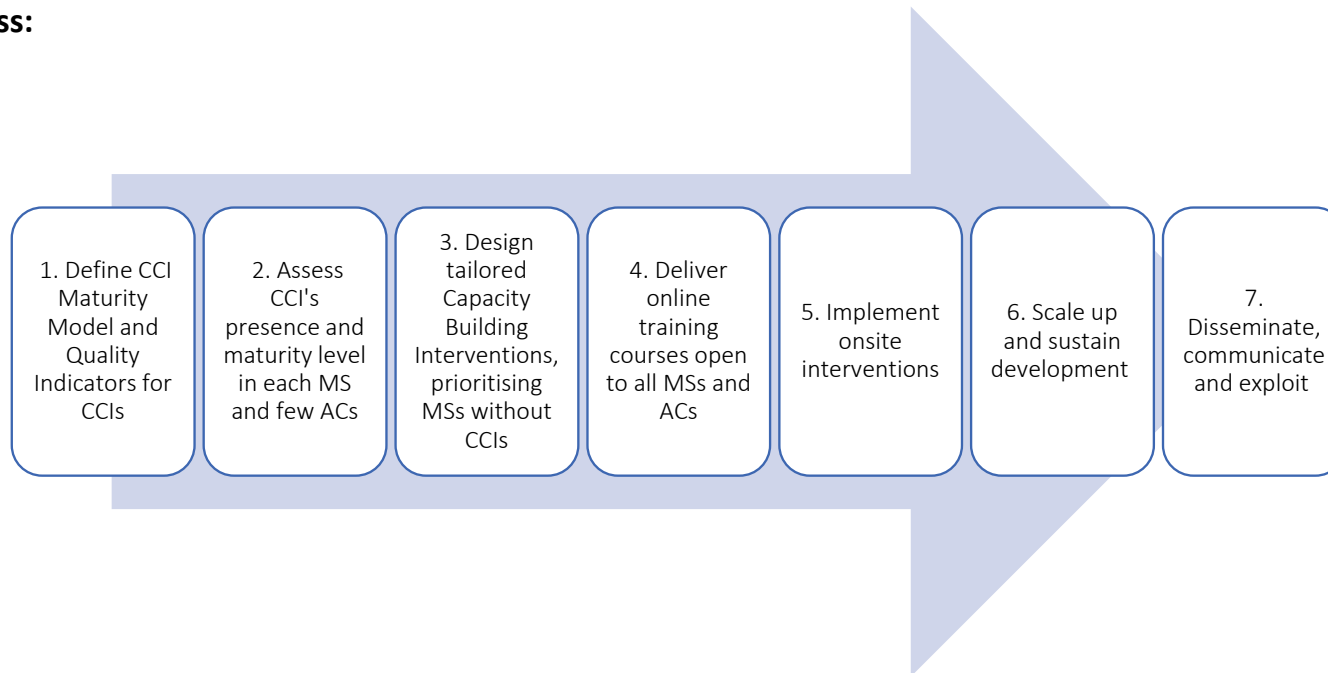- Units of General Hospitals.
- Diagnostic units etc.

* Including Comprehensive Cancer Care Networks according to CraNE WP 6 (CCCN)

Prevention — Diagnosis — Treatment — Follow Up — Palliative Care — Rehabilitation

WHOLE PATHWAY

CCI4EU: an Overview

COMPREHENSIVE CANCER INFRASTRUCTURES FOR EUROPE

❖ Duration: 36 months

❖ Budget: € 9,984, 080

❖ Coordinator: OECI

❖ Partners: 55 from 27 Member States and 4 Associated Countries

❖ **Seven-Step Process:**

| 1. Define CCI Maturity Model and Quality Indicators for CCIs | 2. Assess CCI's presence and maturity level in each MS and few ACs | 3. Design tailored Capacity Building Interventions, prioritising MSs without CCIs | 4. Deliver online training courses open to all MSs and ACs | 5. Implement onsite interventions | 6. Scale up and sustain development | 7. Disseminate, communicate and exploit |

What is Capacity Building (CB)?
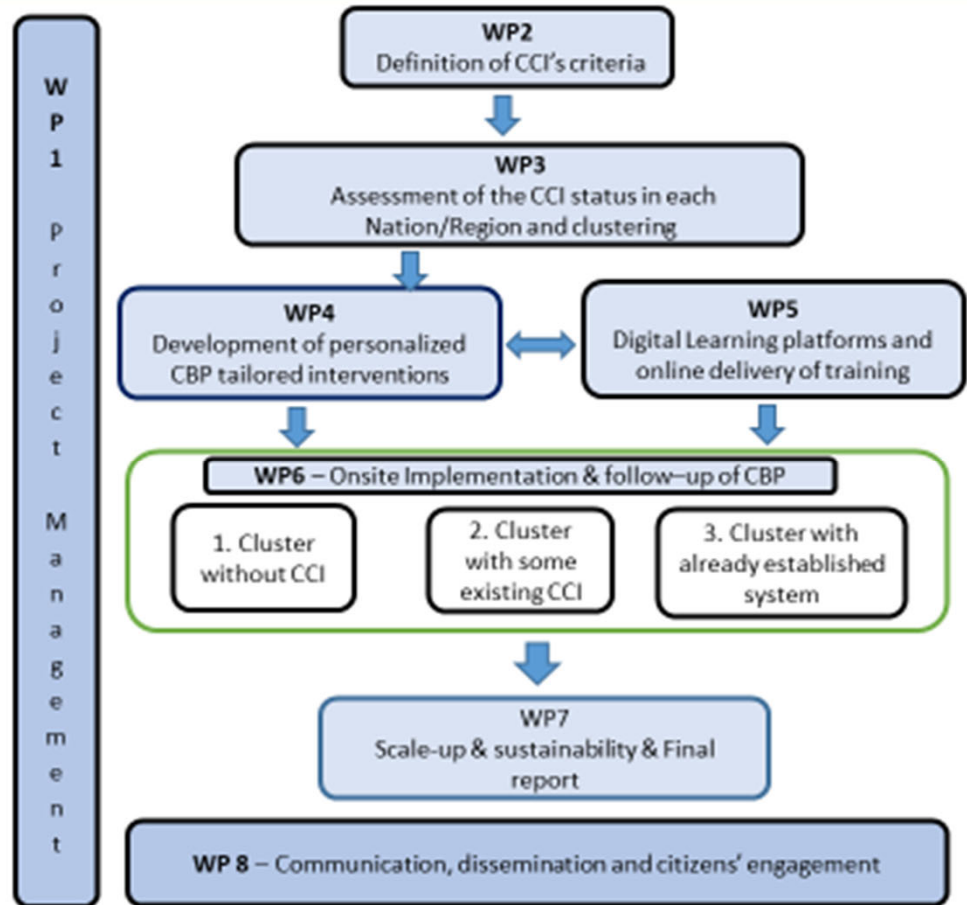
Level of Capacity Building

Individual
- Needs assessment
- Training
- Extending knowledge and competencies
- Processes for talent development and exchange

Institutional
- Needs assessment
- Gap analysis and identifying barriers
- Sharing excellent practices
- Building resources (data) and teams
- Changing corporate mindsets

Systemic
- Needs assessment
- Breaking down silos
- Bringing in outside expertise (twinning and teaming)
- Networking, governance and organisation
- Redesign of the system and sustainability

CCI4EU: Tasks' Overview

WP2 (DKG-KI): Definition of Criteria for CCIs using a CCI Maturity Model	WP3 (Sciensano): Mapping of the current status and criteria of CCIs in EU MSs/regions and clustering
• Development of a joint understanding of CCIs based on results of existing results of from CraNE JA, JA JANE, UnCan, ECHOS etc. • Identification of subject experts to identify criteria to assess and improve CCIs and quality indicators • Development of a Maturity Model	• Inventory of available data and information on EU CCIs • Survey to collect data on CCIs's criteria from EU MSs and ACs • Analysis and clustering of countries according to the Maturity Model and list of CCIs for interventions

CCI4EU: Tasks' Overview

WP4 (VHIO-OUS): Development of personalised CB tailored interventions	WP5 (ESO): Implementation of online CB interventions
• Design of interventions for all 9 deep dive site visits to build capacity • Selection of the expert teams for CB for each Deep Dive site • Online training offered to all MSs and CCIs • Analysis of local systems capacity and prerequisites for receiving support and implement improvements.	• Set-up of a digital learning platform for trainers and trainees from all MS' CCIs • Creation of a CCI's capacity building resources centre • Coaching programme for expert capacity builders • Delivery of online training

CCI4EU: Tasks' Overview

WP6 (OECI-Gustave Russie): Implementation and follow-up of onsite CB interventions	WP7 (INT-ACC): Scale up & Sustainability and Final Report
• Definition of the stages of CB work and standardisation of stages and methodology for each cluster • Management of interventions in up to **9 Deep Dives** • Delivery of 3 regional conferences for capacity building	• Development of a methodology for evaluating CB achievements • Evaluation of CB outcomes • Twinning and teaming proposals to enable less mature CCIs to collaborate with more mature CCIs • Recommendation of potential funding mechanisms • Report of all CB actions and recommendations

Deep Dives: a Closer Look

1. Mapping of current status of CCIs in the EU and identification of MSs and regions that could benefit from deep dive interventions according to the Maturity Model

2. Identification of CB interventions that meet the particular needs of each CCI (examples of themed interventions could be screening, early phase clinical trials, molecular diagnostics, patient empowerment etc.)

3. Three visits of approximately 3 days in each chosen CCI

   ➢ **Visit 1 Diagnosis phase**: Situational analysis with all main parties

   ➢ **Visit 2 Intervention phase**: Design of the step change improvement

   ➢ **Visit 3 Evaluation phase:** Report and further advice

Thank you for your attention!