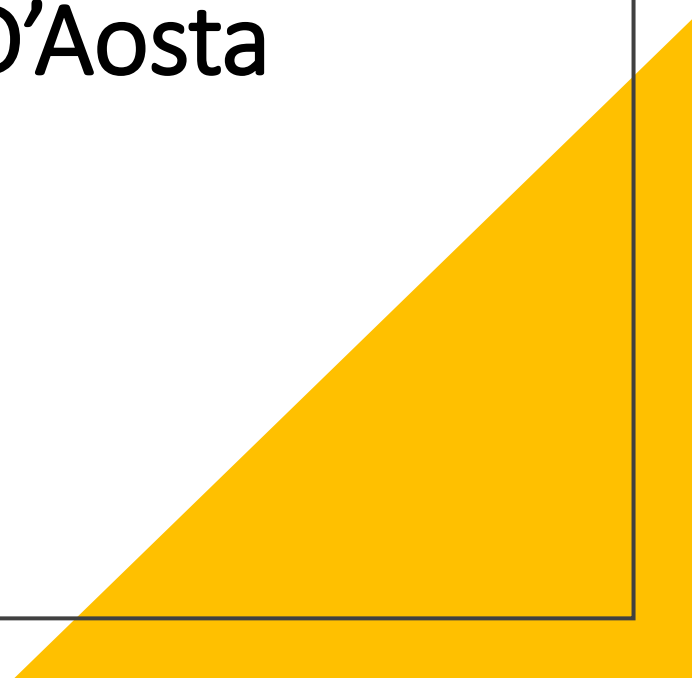
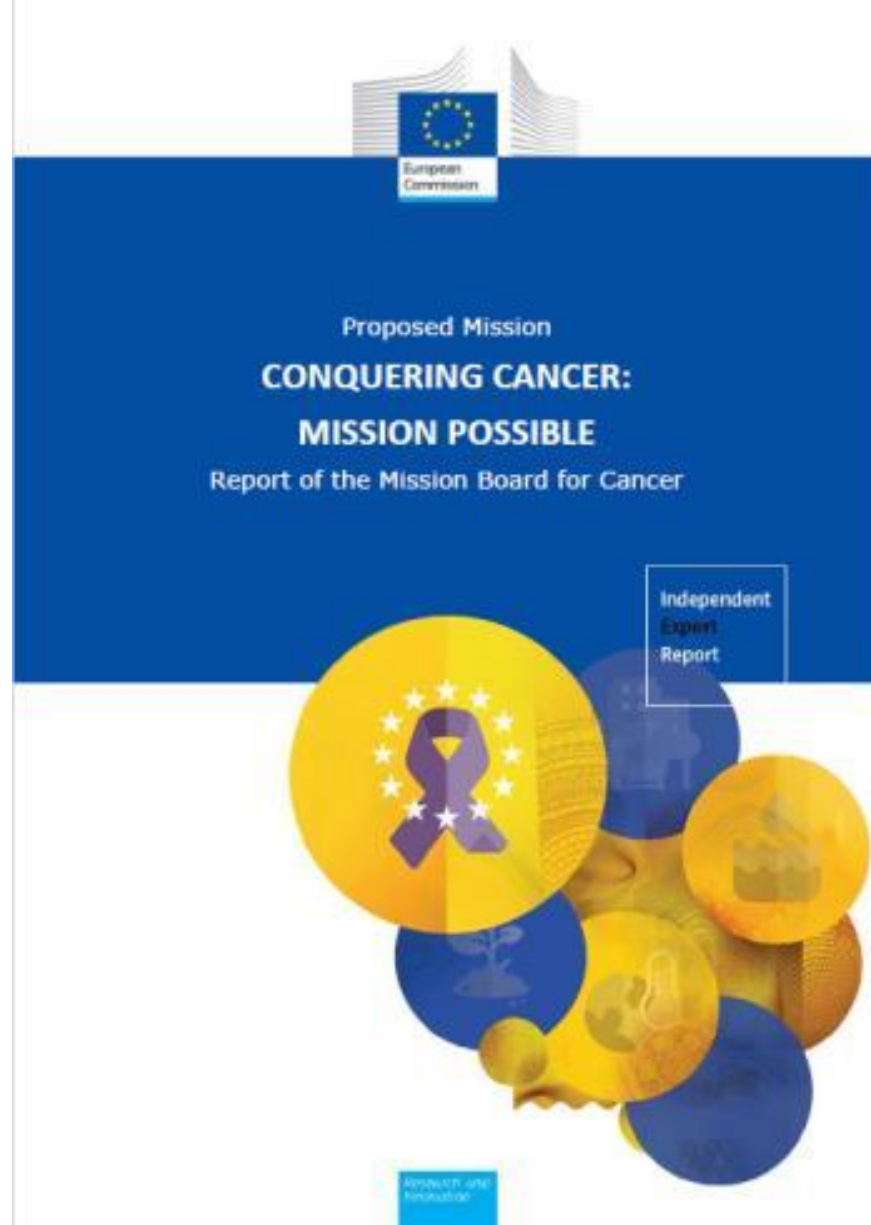


CSA CCI4EU | WP6 |
Deep Dive Italy Piemonte & Val D'Aosta
3rd Deep Dive Visit

18-19 September 2025

A large yellow triangle is positioned in the bottom right corner of the slide, pointing towards the top right.



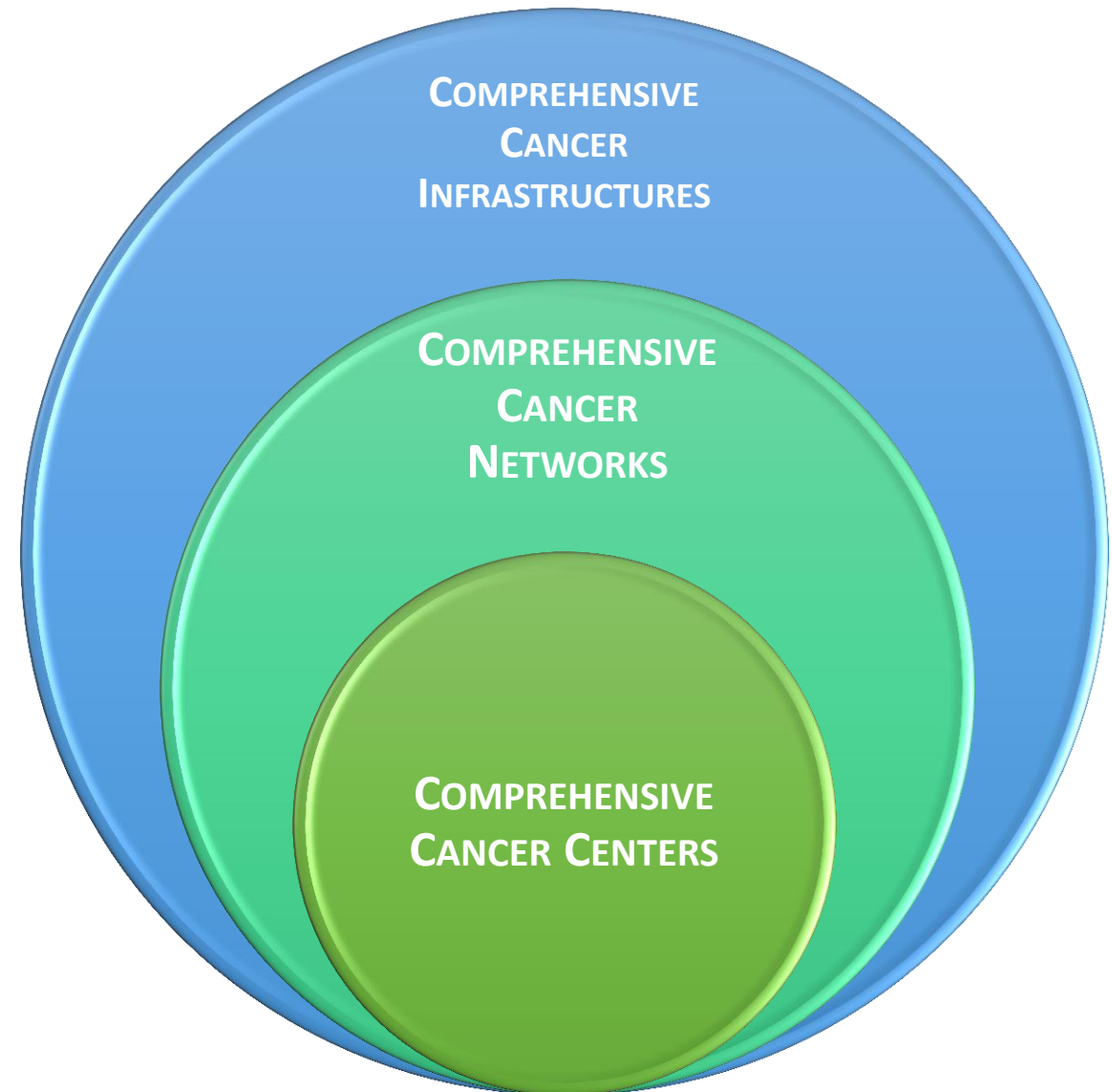
As President of the European Commission Ursula von der Leyen said:

“We need to build a stronger European Health Union, a Union where we are **united in diversity and adversity**, where we work together to overcome our differences and where we build today the healthier, stronger and more respectful world we want our children to live in tomorrow.

With respect to tackling cancer, the **Mission on Cancer** and the **Europe’s Beating Cancer Plan**, the Commission services will therefore now explore policy options and use of financial instruments to initiate a gradual and synergised implementation of both initiatives, in close cooperation with Member States.”



Comprehensive Cancer Centers and **Comprehensive Cancer Care Networks** may be the core of **Comprehensive Care Infrastructures** that deliver quality care and provide resources to improve and integrate care, research and education. Data already available confirm that the level of "**CCI maturity**" in Member States is **widely different**, from some countries **lacking CCIs completely**.



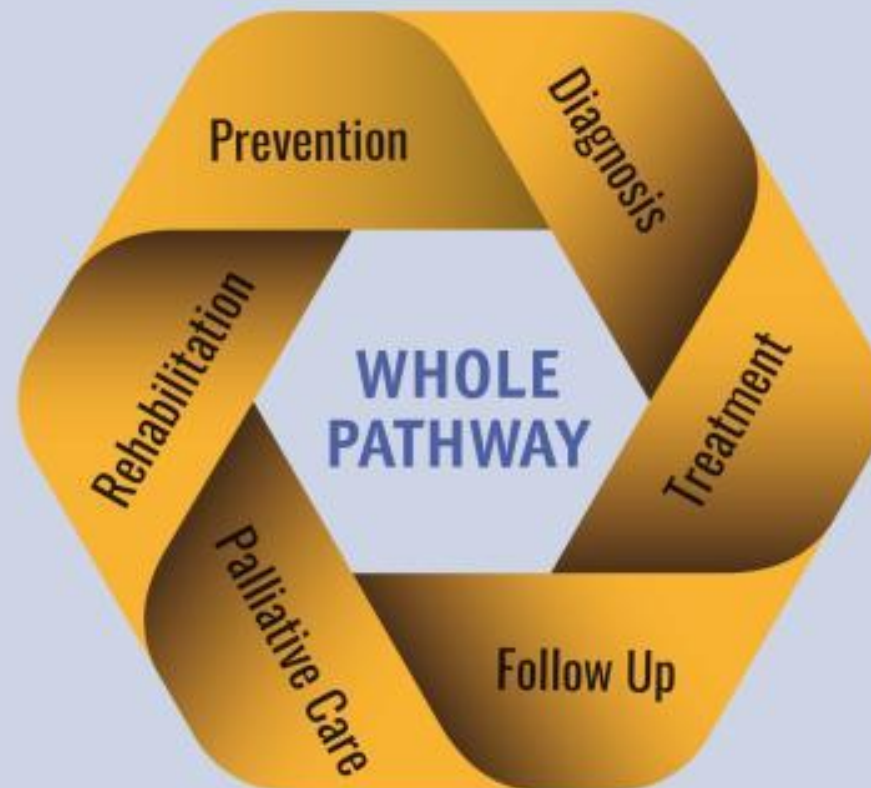
What is a Comprehensive Cancer Infrastructure? (CCI)

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)

The Horizon Europe Mission



The Horizon Europe Mission on Cancer will **complement the set-up of an EU network of Comprehensive Cancer Centers** across Member States that will be established through the *Europe's Beating Cancer Plan* by 2025.

**Together with other projects:
JANE, CRANE, ...**

The target is ensuring **that 90% of eligible cancer patients have access to Comprehensive Cancer Infrastructures by 2030.**

Now from 0 to 40%

In that context, **the aim is improving or developing their existing or future Comprehensive Cancer Infrastructures, focusing on developing their research & innovation-related capacities.**

By setting up capacity-building interventions to support them in the change

OUR INVOLVEMENT

Requested CB interventions by 12 shortlisted CCI



Theme:	CCI ID:	EE1	HR1	SK1	ES1/6	RO1	CZ1a/b	IT8	FR4	PT1	IE1	BG1/2	PO1
Structure of CCI													
CCC													
Interfaces													
Discovery & translational research													
Clinical research													
Outcomes research													
Screening & early detection													
Patient pathways													

The - **Rete Oncologica del Piemonte and Valle d'Aosta** - has been selected along with other 9 Deep Dive Sites for a capacity building intervention by foreign **Experts in the Oncology Field**, on 3 chosen themes.

...at a glance



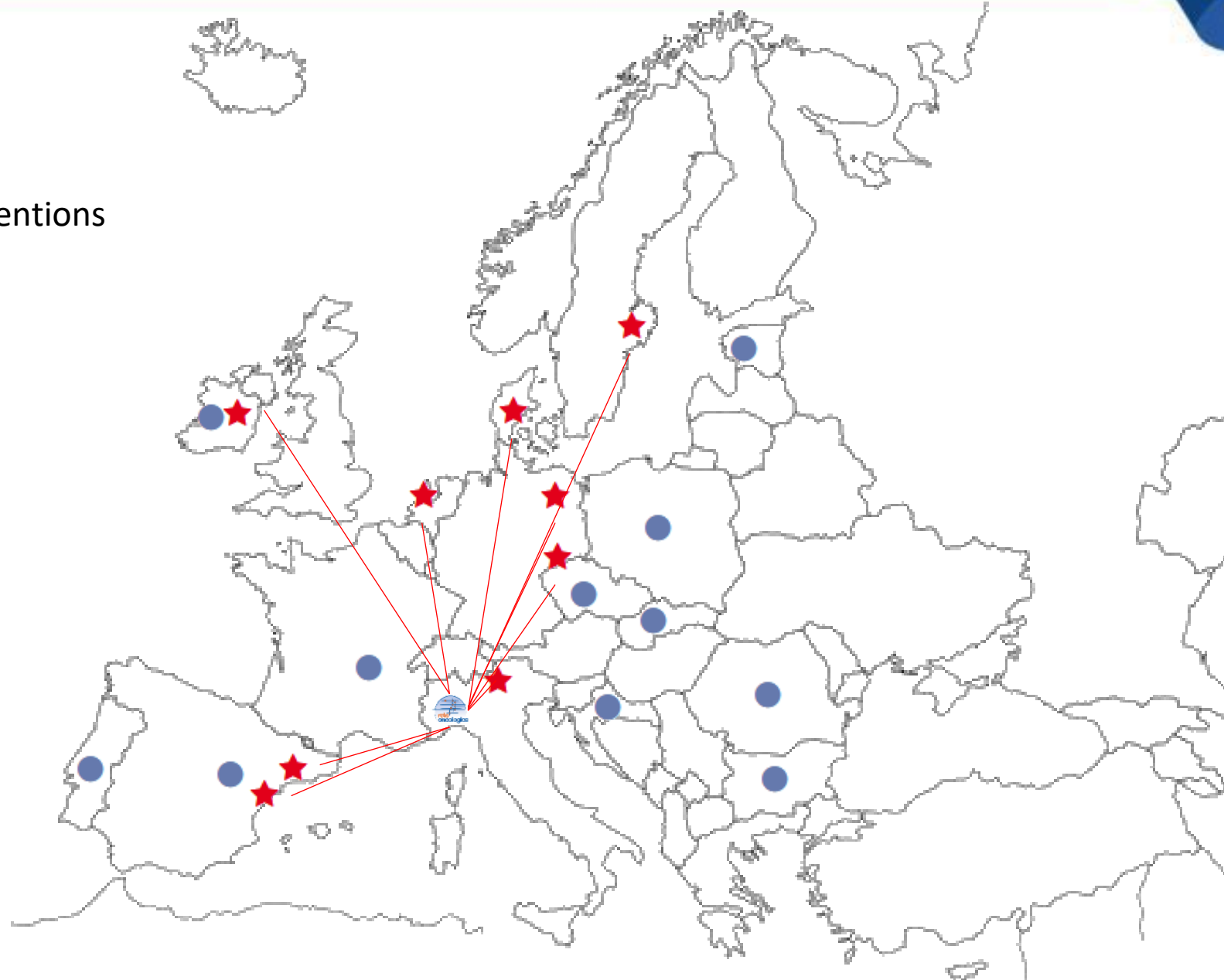
ROPVDA



Deep Dive interventions



Experts



Deep Dives

- A Deep Dive is a **tailored and structured intervention** within a Comprehensive Cancer Infrastructure (CCI).
- The **purpose** is to help the CCI build their capacity in particular domains by providing expert consultancy advice
- It consists of 3 site visits to the CCI by multidisciplinary expert teams, according to the specific domains of intervention chosen for that Deep Dive site.

A Deep Dive is composed of **3 site visits**:

- 1. Detailed diagnosis** → Situational analysis
- 2. Intervention** → Design of the step change improvement
- 3. Follow-up** → Site to report back and gain further focused advice

Underlying Objectives

Data and IT	Uniform the Regional Data exchange systems.
Governance and political challenges	Implement the Hub & Spoke system and interactions.
Screening and early detection	Expand research sites and promote communication between centers. Inform the public.
Clinical Research	Closely monitor adherence to guidelines.
Patient Pathway	Extend services to other potential users: the fragile, different age groups, hard-to-reach geographical areas.

Torino 18 -19 September 2025



Over 200 people involved yesterday and today

Representing the two Regions

Representing public & private/structures, Patient Advocates, General Directors, Universities

From at least 10 countries

Working together for a common objective



Evaluation on themes from expert team

What has been done?



November 2024 – February 2025

Diagnosis Phase

- Nov 2024 – 1st Deep Dive Visit, Torino (Situational analysis)
- Nov 2024 – Final SWOT analysis
- Dec 2024 – 1st Interim Report
- Feb 2025 – Digital Conference on clinical research with regional hospitals

March – July 2025

Intervention Phase

- Mar 2025 – 2nd Deep Dive Visit, Novara (Design improvements)
- Mar 2025 – Final SMART Objectives & Action Plan, 2nd Interim Report
- Jun–Jul 2025 – Intermediate Progress Meetings

September – December 2025

Evaluation Phase

- Sep 2025 – 3rd Deep Dive Visit, Torino (Evaluation phase)
- Assessment of the implemented SMART Objectives and Action Plan, based on the individual progress of the working groups from Day1 – 3rd Interim Report

Focus Themes

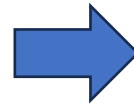
- 📁 Umbrella Theme: Data and Information Technology
- 📋 ? Umbrella Theme: Governance Challenges & Political Framework
- 🔬 Theme: Clinical Research
- 📋 ? Theme: Screening & Early Detection
- 🛡️ Theme: Patient Pathway

2nd Intermediate Report

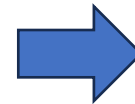


CCI4EU WP6

2nd Interim Report of CCI
Deep Dive Italy Piemonte & Val D'Aosta



Key suggestions from
2nd DD visit as well as
for each of the three
themes



1. Intermediate Progress Meeting | Theme Clinical Research

- Tuesday, 17 June 15:00-16:30 (CET)

2. Intermediate Progress Meeting | Theme Screening & Early Detection

- Tuesday, 1. July, 09.00-10.00 (CET)

3. Intermediate Progress Meeting | Theme Patient Pathway

- Monday, 30 June 10:30-12:00 (CET)

4. Intermediate Progress Meeting | Umbrella Theme Data and Information Technology

- Tuesday, 01 July 13:30-15:00 (CET)

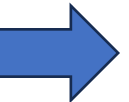
5. Intermediate Progress Meeting | Umbrella Theme Governance Challenges & Political

- Tuesday, 29 July 12.00-13.30 (CET)



Goal

- Working Group presented their current status quo of the implementation for each of their SMART Objectives
- Alignment of current implementation of the SMART Objectives
- Discuss possible challenges that may arise and that should be discussed during the 3rd DD visit
- The participating experts had a detailed look at the MM Webtool, Action Plan, SMART Objectives in advance to support the Working Group if needed



Governance & Infrastructure

- Steering Committee established
- Formalized clinical research network
- Centralized diagnostics & treatment pathways

Innovative Therapies

- Cell Factory MBC1 & MBC3: CAR-T/TCR-T & Gene Therapy
- Automated CAR-T (Cocoon® platform)
- EXPECT Project for technology transfer

Network & Collaboration

- Involving more hospitals in regional trials
- Regional research system: registry, coordination, methodologies

Strengthening Strategies

- Support for non-academic hospitals
- Patient transportation & education
- Digital tools: registry, trial maps, web-apps

Decentralized Clinical Trials (DCTs)

- Remote monitoring, home testing, digital platforms
- Benefits: wider recruitment, accessibility
- Challenges: privacy, infrastructure, costs

Real World Data & ePROs

- Opportunities: outcomes in heterogeneous & rare populations
- Challenges: data quality, bias, dedicated staff
- Barriers: awareness, system integration, patient education

Next steps

- Steering Committee: Consolidate role & regional representation
- Infrastructure: Formalize Clinical Research Network & diagnostic pathways
- Engagement: Involve non-academic hospitals, strengthen dissemination
- Decentralized Trials: Map studies, start 2 pilots, extend to network
- Ongoing AML Study: Continue data collection & analysis
- Real World Data & PROs: Expand systematic collection & digital tools

Collaborative Protocol

- Formal working group & protocol established (roles, monthly coordination)
- Annex with KPIs & periodic revisions in preparation
- Need to formalize hospital role → Oncology Network integration

Awareness Campaigns

- Focus on vulnerable & under-screened groups
- Co-designed, culturally adapted campaign (Pap test)

Academic Partnerships

- Pilot project: PRO-Screening MRI (Prostate), BIOFIT (Colorectal)
- Universities currently – need for formal cooperation and data-sharing
- University representatives should be invited to 3rd DD visit

Referral & IT Systems

- New digital platform (AI call-recall, EHR integration)
- Interim: SMS reminders starting 08 2025
- Data Privacy compliance roadmap in development

Next steps

- Final collaborative protocol incl. KPIs (08/25)
- Launch Colorectal Cancer Campaign (09/25)
- IT upgrade & SMS rollout (09/25)
- Draft Data-sharing agreement (12/25)

Patient Education

- CAS-T Handbook: merging 20+ booklets
- Standardized, plain-language, tumor-specific sections
- Prototype in 3 hospitals by 09/25

Coordinated Care System

- Regional MDT survey (>60% response expected)
- Annual tumor-type audits (starting: Breast Cancer)
- Challenge: limited timing data → data governance engagement

Data Tracking & Pathways

- Shift from narratives → visual flowcharts (Helict tool)
- 4–5 decision points per tumor group
- Draft diagrams & indicators ready by 09/25

Telehealth Integration

- Single regional platform adopted, lacks oncology-specific fields
- Issues: 54% digital literacy, no reimbursement for teleconsults
- Need professional training for hybrid care

Research & Innovation

- CAS-T digital triage tool pilot (3 centers, 09/25)
- Onco-Geriatrics project: courses & sessions (2026)
- Prepare 1-page scalable project summaries

Additional Topics

- Patient transportation inconsistent → support patient organisation
- Policy issues: IT integration, teleconsult reimbursement, digital skills

Next steps

- AS-T Handbook: Prototype in 3 hospitals (09/25)
- Pathway Flowcharts: Draft diagrams & indicators (09/25)
- Research Pilots: CAS-T triage tool (09/25); Onco-Geriatrics project (2026)
- MDT Survey & Audits: >60% response, annual audits start with breast cancer
- Telehealth: Oncology adaptation, training, reimbursement solutions
- Policy & Support: Patient transport, IT integration, teleconsult reimbursement

Strategic Pillars

- regional Electronic Health Record (Fascicolo Sanitario Elettronico) → feeding national & EU Health Data Space
- Piedmont Cancer Registry → research, monitoring & healthcare assessment
- GDPR reinterpretation → harmonized legal bases for compliant cancer data use

Progress on Objectives

- Hospital Discharge Records access restored (06/ 2025)
- Mortality data still missing; pathology data pending framework
- Breast cancer pilot study in preparation
- GDPR benchmarking (Veneto, Lombardy); DPOs engaged
- Cancer Patient Advisory Board established (charter pending)
- EHR flows exist, legal access still unresolved
- Leadership forum to be launched in Sept Deep Dive

Next Steps

- Finalize pathology data-sharing agreement
- Advance mortality data inclusion
- Draft breast cancer pilot protocol (07/25)
- Formalize Cancer Patient Advisory Board (08/25)

Progress Highlights

- Hub & Spoke: Cancer hubs defined, awaiting regional approval (Sept–Oct)
- Pathways & KPIs: Indicators online; dashboard in progress, GDPR limits hospital data.
- Telemedicine: €40M funded; pilot rollout 2025, full use 2026.
- Digital Pathology: 2-year rollout planned; main barriers = legal recognition & €10–50M funding.
- Harmonization: Oncology team survey underway; results Sept to align best practices.

Next Steps

- Review dashboard & KPIs
- Telemedicine platform – cross cut to PP
- Funding & legal strategies for digital pathology
- GDPR/ data privacy updates
- Possible high-level political meeting to push pathology funding

Cross-Cutting Issues to other themes

- GDPR interpretation crucial for dashboard & data use
- Stronger alignment between Clinical Research, Screening & Early Detection, IT and Governance is needed

Key suggestions

Expert Team

- Support and approve the cancer network **Hub and Spoke proposal** (according to national and international guidelines).
- **Reinforce the coordination of the population based screening** on regional level between public health authorities and clinical facilities/ teams.
- To communicate and **connect between institutions** and obtain objective quality data on Patient Pathways and Care Quality.

- Reconsider **GDPR interpretation for research**, health system performance and screening evaluation.
- A regional **Information Technology Masterplan** to improve data use and exchange.
- **Connect the data-systems** between Screening & Early Detection and all hospitals to improve (monitoring of) screening results.

Key Suggestions – Clinical Research



- Promote Clinical Research to improve **equal access** to clinical trial and quality (and impact drug costs).
- **Support** Clinical Research in **smaller hospital**, also using DAIRI and Azienda Zero and in coordination with the local Comprehensive Cancer Centers within the Network, including reporting on Clinical Research.
- Support the **Network Steering Group** and **Facilities** (IT and personnel) for Clinical Research.
- Install a formal **patient advisory committee**.
- **Support the bottom up initiatives of the Rete Oncologica.**

End

Thank you very much for support & contribution
It has been a real pleasure working with all of you!

