

Italy Piemonte & Valle d'Aosta



COUNTRY

Italy

LOCATION

Piedmont & Valle
d'Aosta

Turin (1st and 3rd visits)
Novara (2nd visit)

PERIOD

November 2024
– September 2025

SCOPE

Regional
/ Bi-regional
oncology network

CORE PARTNERS

Rete Oncologica del
Piemonte e della Valle
d'Aosta, FPO Candiolo
IRCCS, CPO Piemonte,
Azienda Zero, DAIRI-R,
regional health
authorities, university
hospitals, patient
organisations

OVERALL MATURITY CHANGE

From 60% to 74%
(+14%)

The CCI4EU Deep Dive in Piemonte & Valle d'Aosta focused on strengthening an already mature regional Comprehensive Cancer Infrastructure, built around the long-standing Rete Oncologica del Piemonte e della Valle d'Aosta.

The intervention brought together regional authorities, hospitals, research institutions, professionals, and patient representatives to enhance integration, standardisation, and data-driven coordination across the cancer care and research continuum.

Focus Areas



Clinical Research

Screening and Early Detection

Patient Pathways

Governance

Data and Information Technology



Why This Deep Dive



Piemonte and Valle d'Aosta was selected as a Deep Dive because it represents one of the most mature oncology networks in Italy, with a long-established regional structure, strong institutional commitment, and advanced multidisciplinary practice.

The region benefits from solid governance, an active oncology network, a regional screening system, and significant clinical and research capacity. At the same time, the assessment identified important opportunities for strengthening inter-institutional coordination, formalising the integration of peripheral hospitals, harmonising patient pathway implementation, and improving interoperability and real-time data exchange across the network.

The Deep Dive offered a structured opportunity to move from a strong regional network toward a more fully integrated, digitally supported, and quality-driven Comprehensive Cancer Infrastructure.

Work Performed



3 onsite visits, structured interviews, workshops, and comparative discussions with clinical, research, managerial, and policy stakeholders

Development and refinement of SMART objectives and a shared action plan across all domains

Dedicated meetings with regional political and administrative leadership

Continuous follow-up through preparatory, intermediate, and review videoconferences

Digital conference on clinical research with regional hospitals

Establishment of thematic working groups on clinical research, screening and early detection, patient pathways, governance, and data and IT

Intermediate meetings to monitor progress on SMART objectives

Use of CCI4EU tools and frameworks, including the Maturity Model and related capacity-building resources

Key Developments



Strengthening of the regional governance framework, including advancement of a hub-and-spoke proposal for the oncology network

Increased political and administrative engagement with the recommendations developed during the Deep Dive

Establishment of a Clinical Research Steering Committee involving principal investigators, research coordinators, data managers, pharmacists, and patient advocates

Stronger support for clinical research across the wider network, including smaller and peripheral hospitals, with the involvement of DAIRI-R and Azienda Zero

Adoption of a new format for patient pathway description to support greater standardisation across the region

Improved alignment between screening and early detection activities and the broader cancer infrastructure

Initial progress on data access and integration, including steps to support registry use and future interoperability

Next Steps



- Develop and implement a regional IT masterplan to improve interoperability, data exchange, and real-time analysis across institutions

- Support and formally approve the hub-and-spoke model for the regional cancer network

- Strengthen objective quality monitoring through regional indicators, audits, and pathway-related performance data

- Further expand and coordinate clinical research across all hospitals in the network, including decentralised trials and real-world evidence generation

- Reinforce integration between screening programmes and clinical services, particularly for follow-up, interval cancer detection, and outcome monitoring

- Continue standardising and digitalising patient pathways, including preparation for the wider use of telemedicine

- Establish a formal patient advisory structure at network level to support governance, research, and pathway development

Sustained political support, investment in digital infrastructure, and continued collaboration across the network will be essential to consolidate these advances and ensure that Piemonte & Valle d'Aosta continues to serve as a leading example of integrated, high-quality cancer care and research in Europe.