

Romania–Moldova Twin Comprehensive Cancer Infrastructure



COUNTRY

Romania and
Republic of Moldova

PERIOD

December 2024
– October 2025

SCOPE

Cross-border /
multi-institutional

CORE PARTNERS

Oncology Institute
“Prof. Dr. Ion
Chiricuță”
(Cluj-Napoca),
Regional Institute
of Oncology Iași,
Public Health
Institution
Oncological Institute
(Chișinău), National
Institute of Public
Health, Patient
Association “Copacul”,
Patient Association
“Redescopera
Fericirea”

OVERALL MATURITY CHANGE

**Romania: from 19%
to 27% (+8%)**

**Moldova: from 37%
to 44% (+7%)**

The CCI4EU Deep Dive in Romania and Moldova supported the development of a cross-border Comprehensive Cancer Infrastructure (CCI) through a “twin CCI” model, strengthening collaboration between key oncology institutions in both countries.

The intervention focused on three priority areas – patient pathways, clinical research, and screening and early detection – with the aim of reducing fragmentation, improving coordination of care, and fostering a more research-driven and sustainable cancer infrastructure across both systems.

Focus Areas



Patient Pathways

Clinical Research

Screening and Early Detection

Why This Deep Dive



Romania and Moldova were selected for a Deep Dive due to the strong presence of leading oncology institutions in both countries and a clear opportunity to strengthen coordination between them within a Comprehensive Cancer Infrastructure.

In Romania, several high-performing centres are actively developing key components of cancer care, research, and patient pathways. However, these efforts remain largely institution-driven, with limited structured coordination at national level. Strengthening collaboration across centres was therefore identified as a key priority to move toward a more integrated and coherent CCI.

In parallel, Moldova is advancing the development of its cancer infrastructure, with a high level of institutional commitment and ongoing efforts to strengthen early detection, clinical care, and national planning. Its shared cultural and linguistic background with Romania creates a natural basis for collaboration, enabling efficient knowledge transfer and alignment of practices.

The Deep Dive was designed to respond to these opportunities by supporting stronger connections between institutions, both within Romania and across the Romania–Moldova context. The **“twin CCI” model** provided a practical framework to foster collaboration, align development efforts, and accelerate progress toward more structured, coordinated, and sustainable cancer infrastructures in both countries.

Work Performed



Comprehensive situational and gap analysis conducted across the three priority domains

Reassessment of baseline maturity levels to ensure a realistic and inclusive representation of both CCIs

3 expert site visits carried out in Cluj-Napoca, Iași, and Chișinău

Expert workshops, thematic discussions, and multidisciplinary exchanges organised with key stakeholders

Support provided for the definition of shared priorities, SMART objectives, and coordinated development actions

Facilitation of knowledge exchange between Romanian and Moldovan institutions through the twin CCI approach

Continuity ensured through structured videoconferences held between December 2024 and October 2025

Support for capacity-building activities, including participation in CCI4EU Capacity Building Conferences, access to programme resources, and opportunities for international collaboration

Organisation of an observership at Institut Gustave Roussy (Paris, France) to reinforce practical learning and exchange

Key Developments



Establishment of a cross-border “twin CCI” collaboration model between Romania and Moldova

Improved and standardised patient pathways for Breast, Colon, Prostate, Lung and Pancreas Cancer

Implementation of a knowledge transfer model using existing best practices

Mapping and increased visibility of clinical trials across participating institutions through Trialing

Initial integration into international Molecular Tumour Board (MTB) networks and access to external expertise

Strengthening of multidisciplinary collaboration and working group structures across institutions

Development and planned deployment of IT systems to support screening registries and data monitoring

Progress toward harmonising screening approaches, including collaboration on colorectal cancer screening tools

Increased alignment between clinical care, research activities, and data systems across both CCIs

Next Steps



The Deep Dive established a strong foundation for cross-border collaboration and system development, but long-term progress will depend on sustained national commitment, governance structures, and stable funding mechanisms. The future roadmap includes:

- ➔ Further consolidation of the twin CCI model and expansion of cross-border collaboration
- ➔ Establishment of formal governance structures for screening programmes at national and regional levels
- ➔ Implementation and scaling of screening IT systems and registries
- ➔ Creation and operationalisation of a common Clinical Trial Office
- ➔ Continued integration into international research networks and Molecular Tumour Boards
- ➔ Development of national cancer registry infrastructures with sustainable funding and governance

Next Steps



- ➔ Further development, evaluation, and standardisation of patient pathways across tumour types
- ➔ Strengthening of data interoperability and alignment with the European Health Data Space
- ➔ Increased patient involvement in both care pathways and clinical research
- ➔ Continued capacity building, training, and retention of specialised workforce



Photo Report



Photo Report



Photo Report



Photo Report

