

Sustainable actions including CCI4EU Resources centre

OECI days Warsaw

Date: 18th June 2026

Speaker: Maja Cemazar



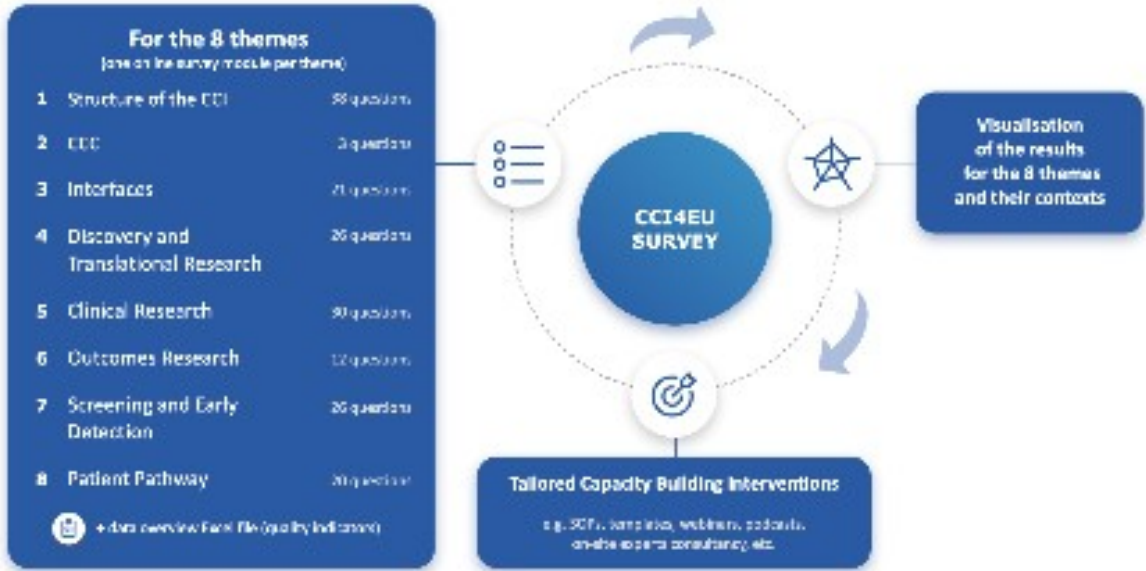
Interventions in CCI4EU were based on **Maturity Model**



Themes:		
1		Structure of the Comprehensive Cancer Infrastructure (CCI)
2		Comprehensive Cancer Centres (CCC)
3		Interfaces between research and care
4		Discovery and Translational Research
5		Clinical Research
6		Outcomes Research
7		Screening and Early Detection
8		Patient Pathway

CCI4EU SURVEY

Self-assessment tool setting up and further developing Comprehensive Cancer Infrastructures (CCI)



		Level 1	Level 2	Level 3	Level 4
Structure of the CCI Network	Criterion 1 & Target State	Criterion description 1.1	Criterion description 1.2	Criterion description 1.3	Criterion description 1.4
	Criterion 2 & Target State	Criterion description 2.1	Criterion description 2.2	Criterion description 2.3	Criterion description 2.4
	Criterion 3 & Target State	Criterion description 3.1	Criterion description 3.2	Criterion description 3.3	Criterion description 3.4



Capacity Building Interventions in CCI4EU



Included in the GES

Online Courses

- 10 newly-designed courses:
- 3 general courses
 - 7 more specific courses based on CCIs' demands

WP4

Content & experts' identification

WP5

Design & execution
Monitoring



Included in the GES

Conferences

3 conferences 2-day duration and with 100 delegates each

WP4

Content & experts' identification

WP6

Design & execution & Monitoring



Included in the GES

Deep Dives

A team of up to 10 multidisciplinary experts conducts up to 3 site visits (each for 3 days) over a period of 19 months for selected CCIs

Visit 1: situational analysis

Visit 2: plan to improve design

Visit 3: improvements check and tutorship

WP4

Content, choice of CCIs & experts' identification

WP6

Design & execution & Monitoring



Resource Center

Online platform with useful material for CCIs. Possibility of extra on site/online visits to advanced CCIs for learning and sharing good practices, for specific themes/areas of the programme

WP4

Content & experts' identification

WP5

Design & development

Observerships

Teams of 3-4 specialists who visited mature CCCs for specific observations such as Early Phase Trials, Precision Cancer medicine

WP6

Design & execution & Monitoring



Funded by the European Union

1. The Resources Centre (website):

- **This has assembled more than 200 authenticated resources**

2. The Maturity Model:

- Covering 8 domains, determining the level of maturity for each domain, enabling monitoring of progress within the centres/regions/countries
- Not as detailed as a certification according to Standards, but can be a good measure of progression of a centre

3. The model of “Deep Dive” Consultancy: expert consultancy:

- It's a novel model in EU Actions, but a well-established path in the commercial world
- It is evaluating well and seems to have impact
- It is an alternative to Twinning (which is one to one visit) because the experts come from many centres bringing diverse experience and also enabling collaboration between the experts

Resources centre: Site navigation

<https://resources.cci4eu.eu/>



Home

Themes ▾

All Resources

All Resources

🔍 Search keyword

Clear

Theme

- ☒ All (277) ☐ Patient pathways (75) ☐ Interfaces (51) ☐ Screening and early detection (55)
- ☐ Outcome research (44) ☐ Clinical research (54) ☐ Discovery and Translational Research (59)
- ☐ Comprehensive Cancer Centre (CCC) (25) ☐ Comprehensive Cancer Infrastructure (CCI) (36)

Topic

- ☒ All (277) ☐ Clinical practice (153) ☐ Governance (120) ☐ Research (107) ☐ Team building (29) ☐ Data (62)
- ☐ Finance (20) ☐ ICT (33)

Format

- ☒ All (277) ☐ External webpage (67) ☐ Video/webinar (42) ☐ Document (157) ☐ Audio/podcast (20)
- ☐ Infographic (6) ☐ Database (10) ☐ Transcript (2)

Audience

- ☒ All (277) ☐ Healthcare professionals (209) ☐ Researchers (104) ☐ Patient advocates (76) ☐ Trainers (18)
- ☐ Managers (224) ☐ Data scientists (29)

Content Type

- ☒ All (277) ☐ Checklist (28) ☐ Learning material (100) ☐ Information resource (39) ☐ Case study (78)
- ☐ Template (43) ☐ Guidelines (110) ☐ Scientific publication (11) ☐ Standard Operating Procedure (23)
- ☐ Organigram (5)

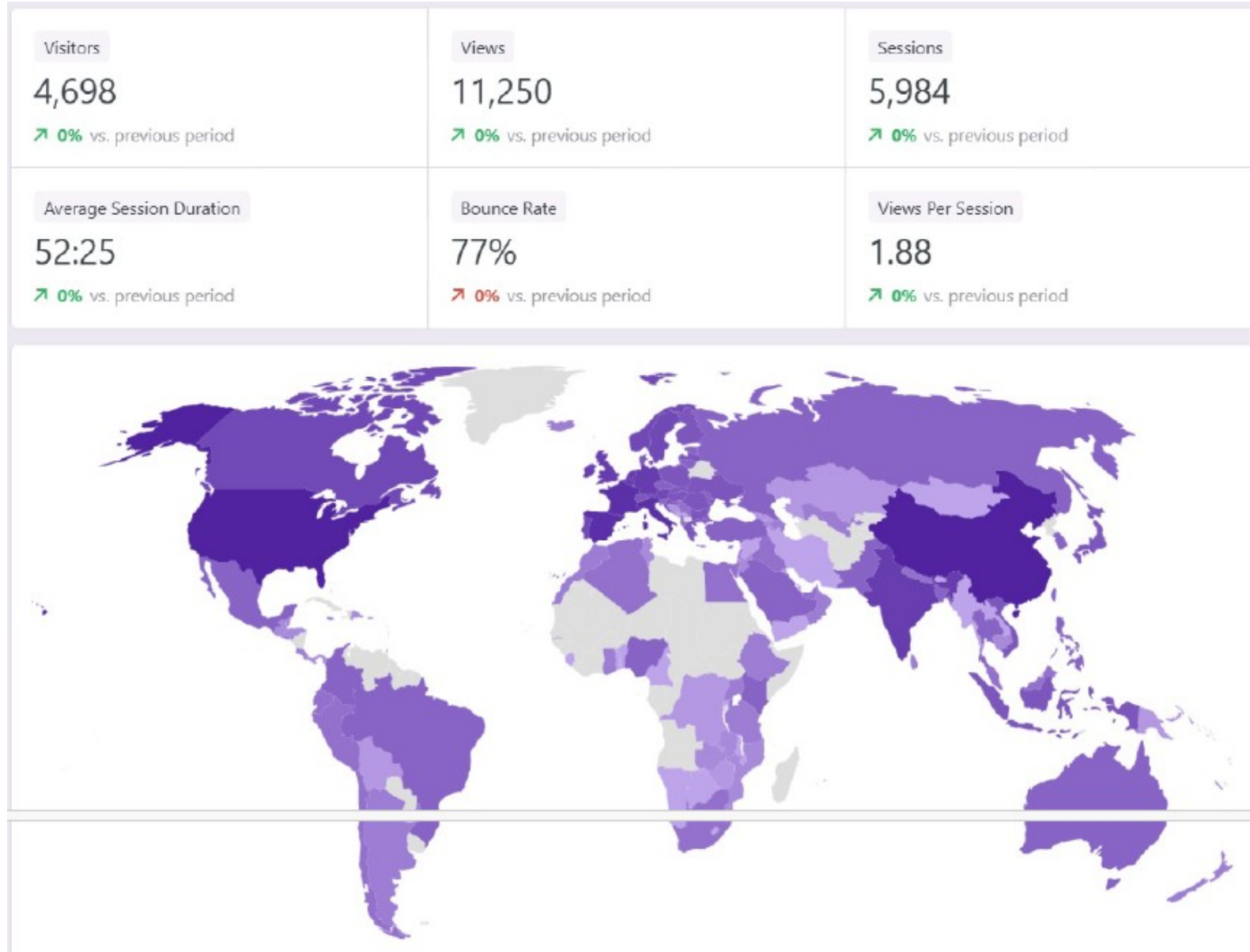
Search and filter all resource po

- ✓ Keyword search
- ✓ Filter by theme, topic,
- ✓ format, audience

Content type filters include

- ✓ checklists, case studies, templates, Standard Operating Procedures

Visitors from around the world



Sustainability of on-line courses & regional conferences



WHAT DOES A COMPREHENSIVE CANCER INFRASTRUCTURE DO?

CCI4EU online course

4 July 2024
14.00 – 18.00 (CEST)
Live online course

Simon Oberst, DK
Eva Jolly, SE

www.e-ESO.net

CLINICAL TRIALS AND CLINICAL RESEARCH

CCI4EU online course

15 October 2024
13.30 – 16.30 (CEST)
Live streaming

Iwona Lugowska, PL
Josep Tabernero, ES

Pre-recorded materials available 1 month before

www.e-ESO.net

MOLECULAR DIAGNOSTICS AND PRECISION MEDICINE

CCI4EU online course

4 December 2024
12.00 – 17.30 (CET)
Live online course

Olli Cargem
Rui Henrique
Anna Sapino

www.e-ESO.net

BRINGING RESEARCH INSIGHTS INTO CLINICAL IMPLEMENTATION

CCI4EU First Capacity Building Conference
10-11 October 2024 – Warsaw, Poland

Recorded materials are now available on the website!

www.e-ESO.net/courses/24C11

ACCELERATING CANCER RESEARCH AND INNOVATION IN COMPREHENSIVE CANCER INFRASTRUCTURES

CCI4EU Second Capacity Building Conference
9-10 April 2025 – Brussels, Belgium

Recorded materials are now available on the website!

<https://www.e-eso.net/courses/25C12>

EFFECTIVE PATIENT PATHWAYS

CCI4EU Third Capacity Building Conference
15-19 October 2025 – Madrid, Spain

Recorded materials are now available on the website!

<https://www.e-eso.net/courses/25C13>

COST OF HEALTH CARE AND DRUGS

CCI4EU online course

28 February 2025
13.00 – 17.00 (CET)
Live online course

Mark Lawler
Wim van Harten

Pre-recorded materials available from 3 February

www.e-ESO.net

PATIENT EMPOWERMENT AND PATIENT-CENTRED CARE

CCI4EU online course

19 March 2025
13.00 – 17.30 (CET)
Live streaming

Alexandre Brutti
Della Nicotina

www.e-ESO.net

DATA SHARING AND EXCHANGE

CCI4EU online course

15 April 2025
13.00 – 17.30 (CEST)
Live streaming

Andre Dekker
Xosé Fernández

www.e-ESO.net

EARLY CANCER DETECTION, SCREENING, AND PREVENTION

CCI4EU online course

4 June 2025
12.30 – 16.40 (CEST)
Live streaming

Ugo Pastorino
Joachim Schüz

www.e-ESO.net

PATIENT CENTERED CANCER OUTCOME RESEARCH

CCI4EU online course

16 September 2025
13.00 – 15.10 CEST
Live streaming

Cinzia Brunelli
Olaf Garin

Pre-recorded materials online and available by 20 July 2025

www.e-ESO.net

DEVELOPING RESEARCH SKILLS FOR YOUNG RESEARCHERS

CCI4EU online course

25 September 2025
12.30 – 14.30 CEST
Live streaming

Matteo Lambertini
Marco Tagliamento

Pre-recorded materials online and available by 31 July 2025

www.e-ESO.net

HOW TO OPTIMIZE MOLECULAR DIAGNOSTICS IN PRACTICE?

CCI4EU online course

4 November 2025
12.30 – 17.30 CET (connection at 12.00)
Live online course

Laura Mezquita
Richard Rosenquist Brandell

Call for Cases with a deadline of 3 October 2025

www.e-ESO.net

Past courses are available on the platform for continued use



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Profile each MS and a few Associated Countries in terms of CCI presence and levels of maturity

The opening hypothesis is that presence and maturity of CCIs varies widely among MSs without satisfying a comprehensive definition

CCI4EU SURVEY

Self-assessment tool setting up and further developing Comprehensive Cancer Infrastructures (CCI)

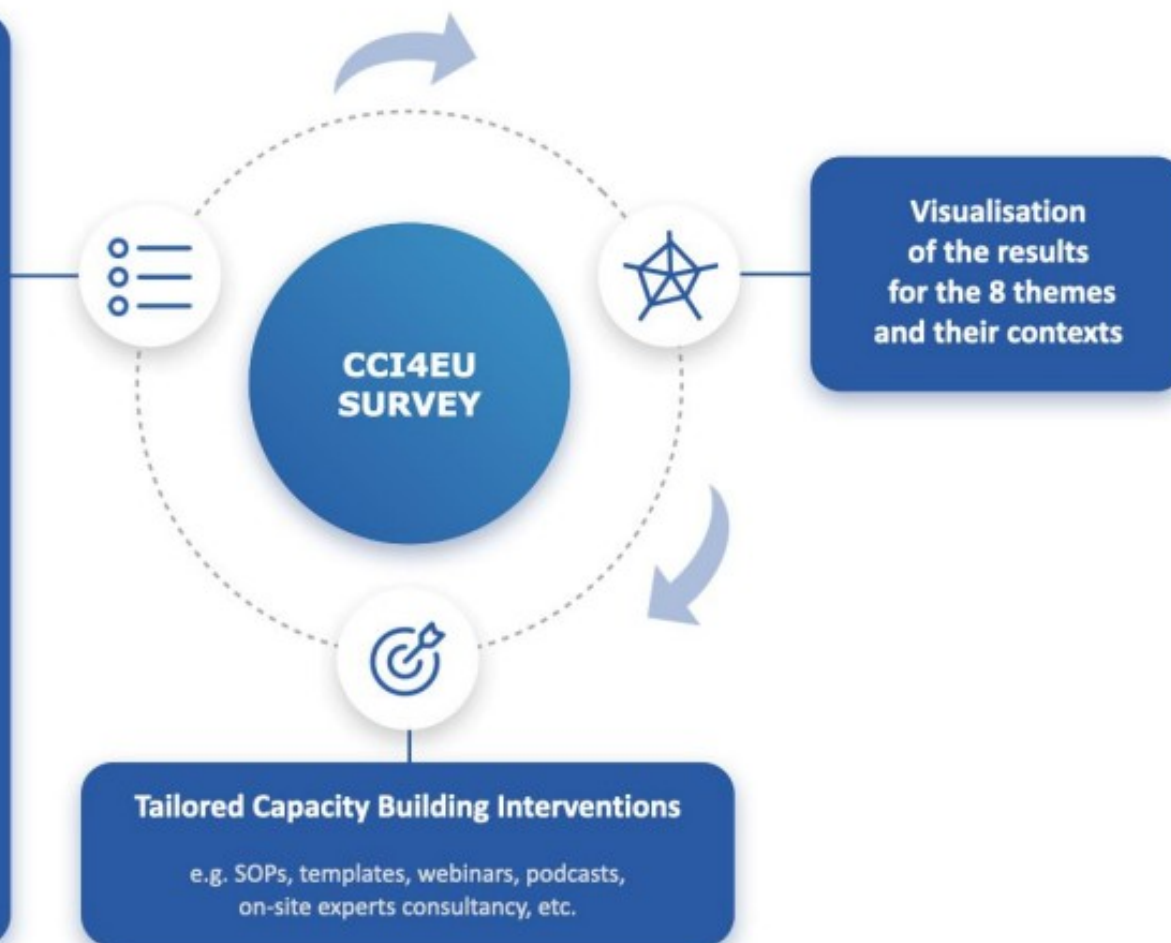
For the 8 themes

(one online survey module per theme)

- | | | |
|----------|---|--------------|
| 1 | Structure of the CCI | 38 questions |
| 2 | CCC | 3 questions |
| 3 | Interfaces | 21 questions |
| 4 | Discovery and Translational Research | 26 questions |
| 5 | Clinical Research | 30 questions |
| 6 | Outcomes Research | 12 questions |
| 7 | Screening and Early Detection | 26 questions |
| 8 | Patient Pathway | 20 questions |



+ data overview Excel file (quality indicators)





Home



Dashboard



Maturity Model



Overview

Themes

Structure of the CCI

Comprehensive Cancer Ce...

Interfaces

Discovery & Translational ...

Clinical Research

Outcomes Research

Screening & Early Detection

Patient Pathway

Established state-of-the-art research platforms are available and reachable for the whole research community.

GES ML

50.00%

DT111



State-of-the-art research/technical platforms are planned and concrete initiatives are in the process of implementation.

DT112



Organisational support is planned and concrete initiatives are in the process of implementation.

Level 1

Level 2

Level 3

Level 4

DT121



State-of-the-art research/technical platforms are available and in use in parts of the CCI.

DT122



Organisational support is available and in use in parts of the CCI.

DT131



State-of-the-art research/technical platforms are available and in use in the whole CCI.

DT132



Organisational support is available and in use for the whole CCI.

DT133



Data on usage of platforms is collected systematically.

DT141



Quality assurance programs are in place.

DT142



There is an increase in the usage of platforms in a period of 5 years.

DT113



Initial discussions with potential biobanks for research collaborations in the CCI have taken place.

DT123



Agreements with biobanks for research collaborations are established and accessible within parts of the CCI.

DT134



Biobanks cover most major tumour types.

DT143



Biobanks are linked to clinical data.

DT144



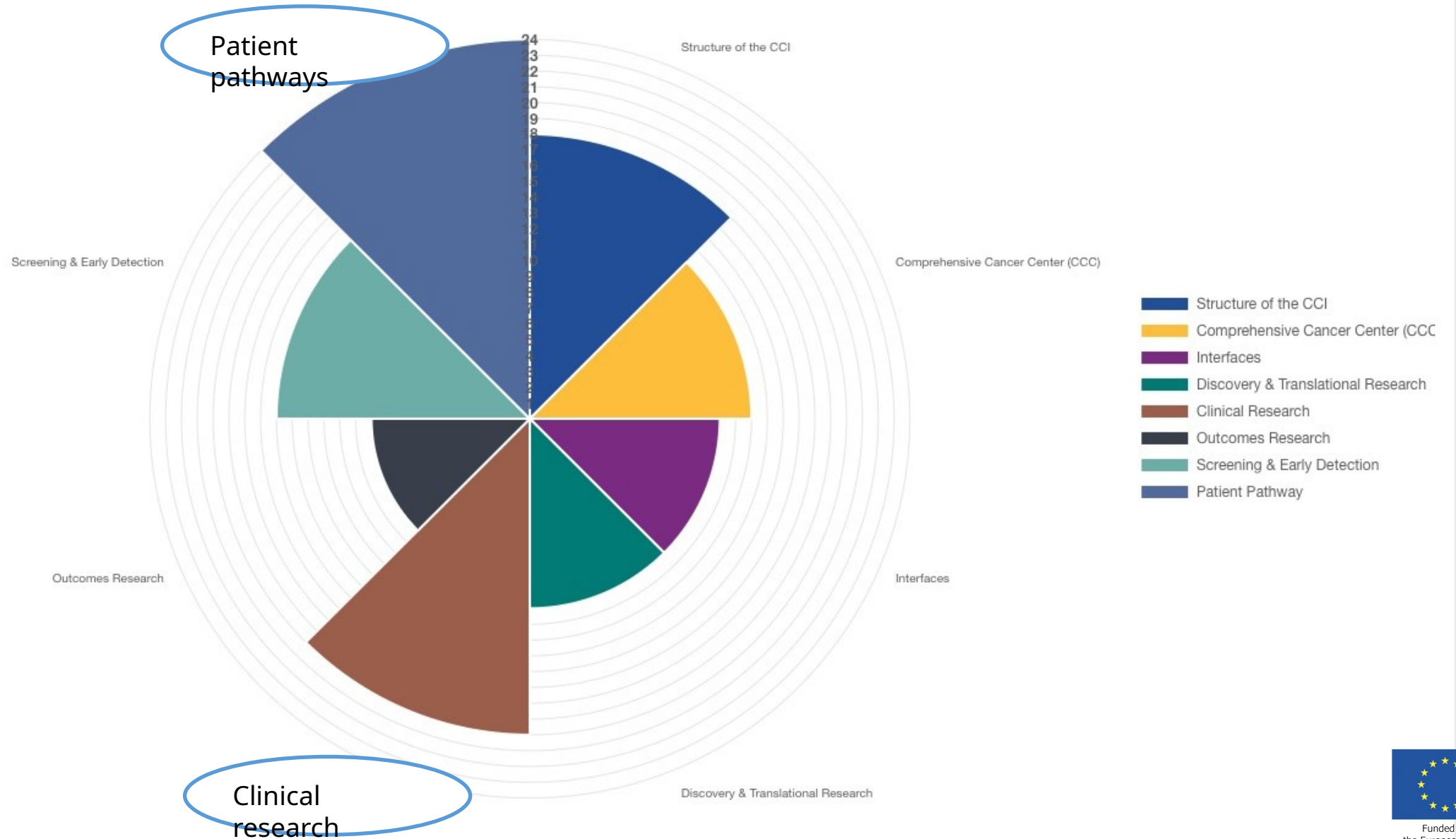
There are written

Biobanks are established and accessible to the entire research community within the CCI.

75.00%

Funded by
the European Union

Maturity model: Results from survey – the needs of centres



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- A Deep Dive was a tailored and structured intervention within a Comprehensive Cancer Infrastructure (CCI).
- The purpose was 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 was 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

Deep Dive consultancies were valid and effective method of capacity building and increased the levels of maturity of all 10 CCIs visited within the space of 12 months.

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Thank you for your attention

Questions/ideas?

1. **The methodology of mixed expert teams “deep dives’ deployed in expert consultancy works**
2. **The CCI4EU Maturity Model is a proven tool for measuring progress**
3. Creating a CCI/network and bringing parties together is beneficial in itself (towards the ‘90%’ rule)
4. **On-line courses and Regional conferences are beneficial to progress when directed at younger clinicians/researchers**
5. By helping the least mature CCIs, the gaps in inequalities can be lessened
6. Local CCIs often lack resources for change
7. Political engagement (regional or national) is a critical success factor in change