COMPREHENSIVE CANCER INFRASTRUCTURES 4 EUROPE

OECI Oncology Days 2025

WP2 - "Definition of criteria for Comprehensive Cancer Infrastructures (CCIs) using a CCI Maturity Model (CCI MM)"

Update on the Maturity Model

WP2 Team: German Cancer Society/ DKG | Karolinska CCC/ KCCC | TUD Dresden University of Technology
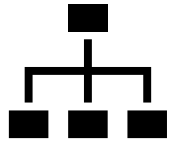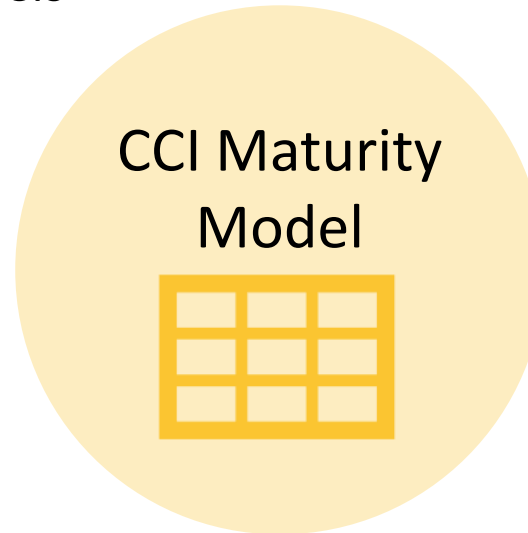
The CCI Maturity Model as the Golden Thread

Assess the maturity of (potential) CCIs

Transparent overview of the maturity of CCI developments in the MS incl. scoring mechanisms
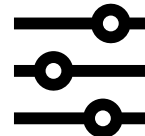
Structure the CCI criteria

CCI Maturity Model

Quickly identify themes/criteria with potential for improvement

Overview of the effects of Capacity Building Interventions (= reaching a higher maturity level)
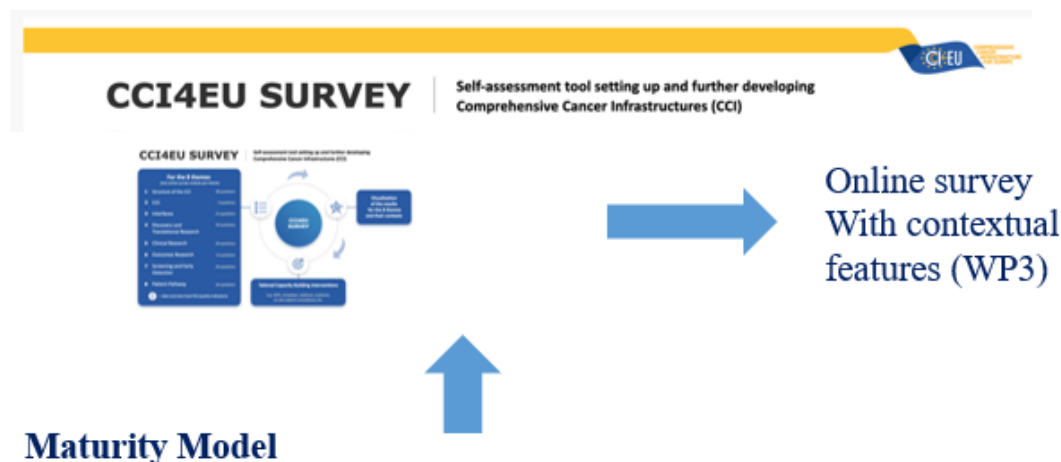
Define differentiated tailored interventions for Capacity Building

Data analysis and decision on Deep Dives for Capacity Building

- **D2.1. Definition of criteria & QI for CCI (M12)**
- **D2.2. Maturity Model & Maturity Web Tool (M12)**

Final Set of Criteria:

1	Structure of the Comprehensive Cancer Infrastructure (CCI)
2	Comprehensive Cancer Centres (CCC)
3	Interfaces & Quality Indicators
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)

Online survey With contextual features (WP3)

Maturity Model

Theme 1: Structure of the CCI Network		Level 1	Level 2	Level 3	Level 4
	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

Online Survey to CCI Maturity Model Web Tool

Populating the CCI Maturity Model based on survey data

CCI Maturity Model Web Tool:

- In place & applied to the results of all CCIs' maturity evaluation (after CCIs use of Maturity Model in the online survey) – **56 CCIs in total**

- Have served to **visualise the MM results, guide the selection of Deep Dives** & **indicate focus areas for capacity building**

Maturity Model Dissemination Activities

Publication about the work in WP2 focusing on the CCI concept, CCI Maturity Model development and contents
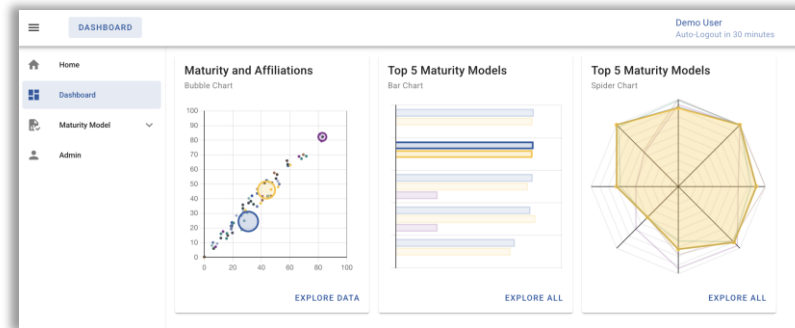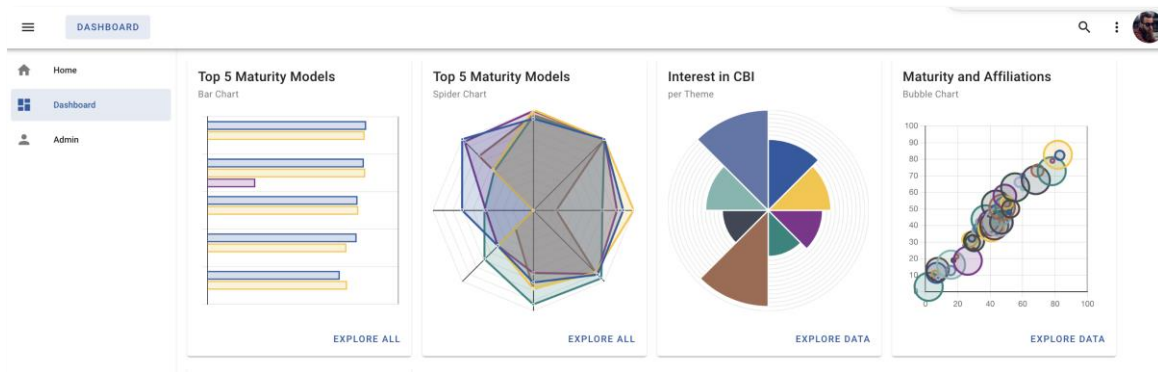
Provide (potential) CCIs who participated in T0 assessment access to their data and allow anonymous comparison to others in the CCI Maturity Model Web Tool

Provide access to the CCI Maturity Model for interested aspiring CCIs via the CCI4EU website / resource centre

# CCI Maturity Model Web Tool – Developments & Outlook

DONE

- Inclusion and representation of all T0 survey data in the Maturity Model Web Tool
- Provision of data access for each CCI provided (read only)
- Anonymous comparison to other CCIs
- Admin view on all (potential) CCI data sets incl. comparison via dashboards

IN PROGRESS

- Utilise Maturity Model Web Tool for T1 assessment as well
  - Versioning
  - T0 data freeeze
- Display CCI maturity progression over time
- Further integration of the Global Efficacy Score (GES)

NEXT: conceptualisation of web tool features for T1 assessment and evaluation purposes
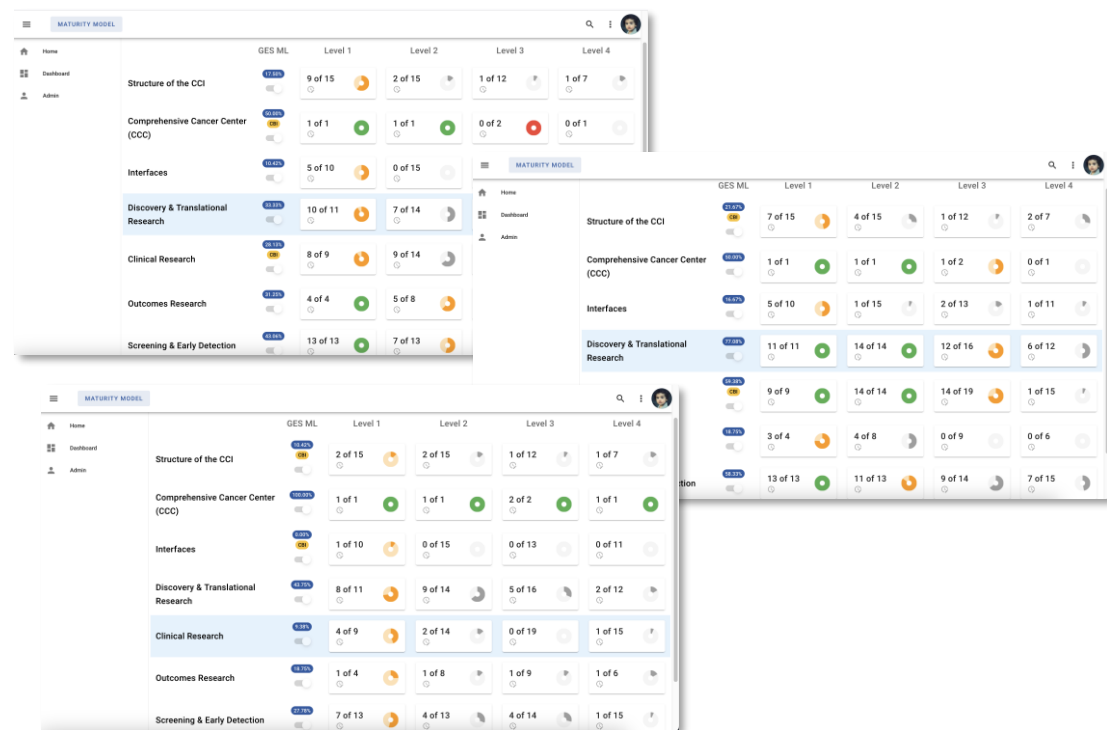
Thank you very much for you attention!

Any questions?