

**Towards high-quality cancer care!**

**Accreditation, designation & benchmarking for excellent cancer care**

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BenchCan Projectleader

Ex. Board NKI-AVL, Amsterdam

Board Dutch Hospital Association (NVZ)

# OECCI

- Improve Comprehensive Oncologic Care and Research in the EU
- Institutional platform
- 70 Cancer Institutions
- Accreditation & Designation, Guidelines, Education, Molecular Pathology, Health Economics, etc.
- Benchmarking as basis for improvement

# Accreditation and Designation

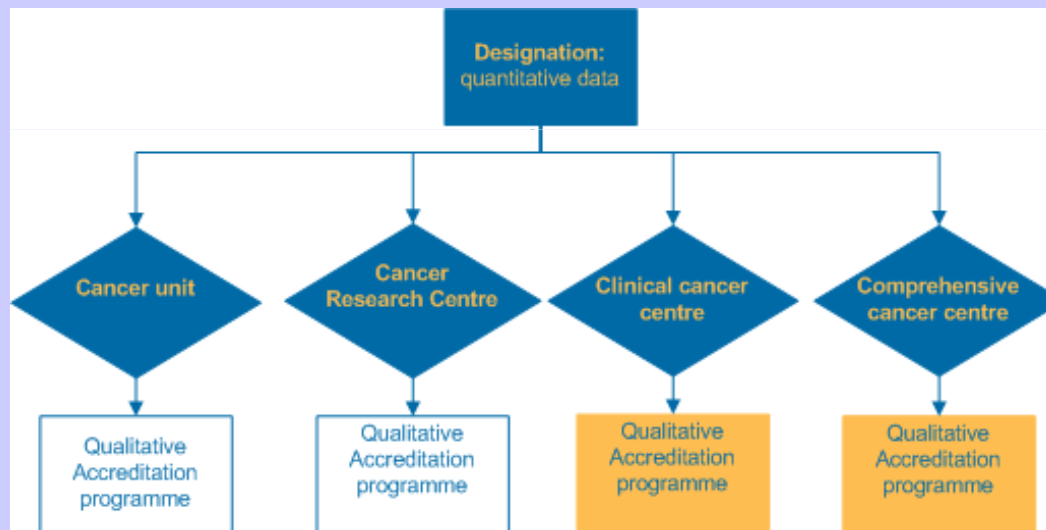


- An exclusive OECCI accreditation program for different types of cancer institutes
- Designation is focused on quantitative data & performance
- Accreditation is focused on Quality & Comprehensiveness of Care & Translational Research
- 15 EU centers; evaluation and update 2013
- Agreement Italian Government 9 centers
- Pilot ESO/Germany prostate unit A&D

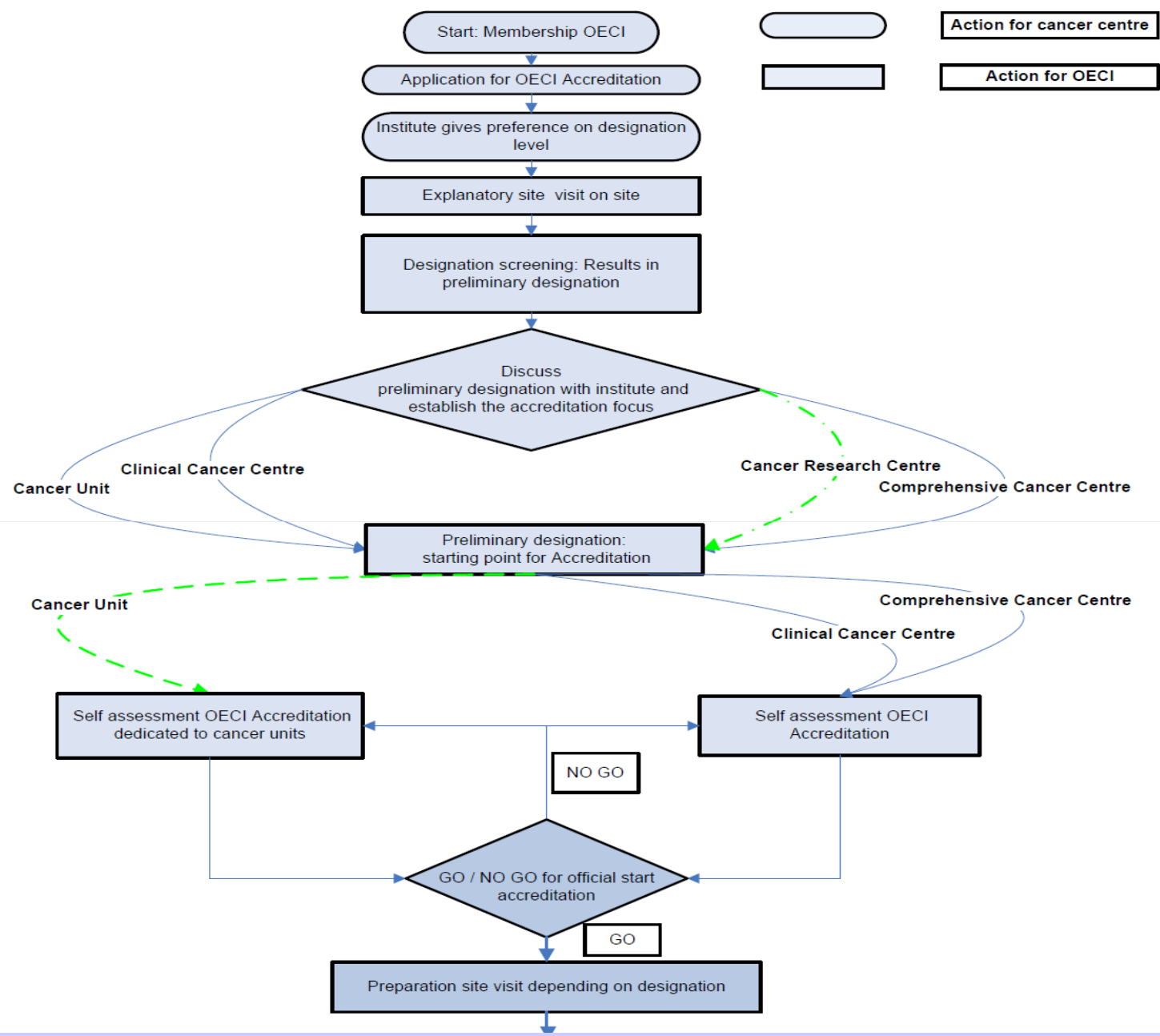
# Structure Accreditation

- Care process Characteristics
- Facilities
- Human resource capacity
- Clinical production and characteristics
- Prevention & Screening
- Translational research
- Education
- Patient Education and Survivorship care

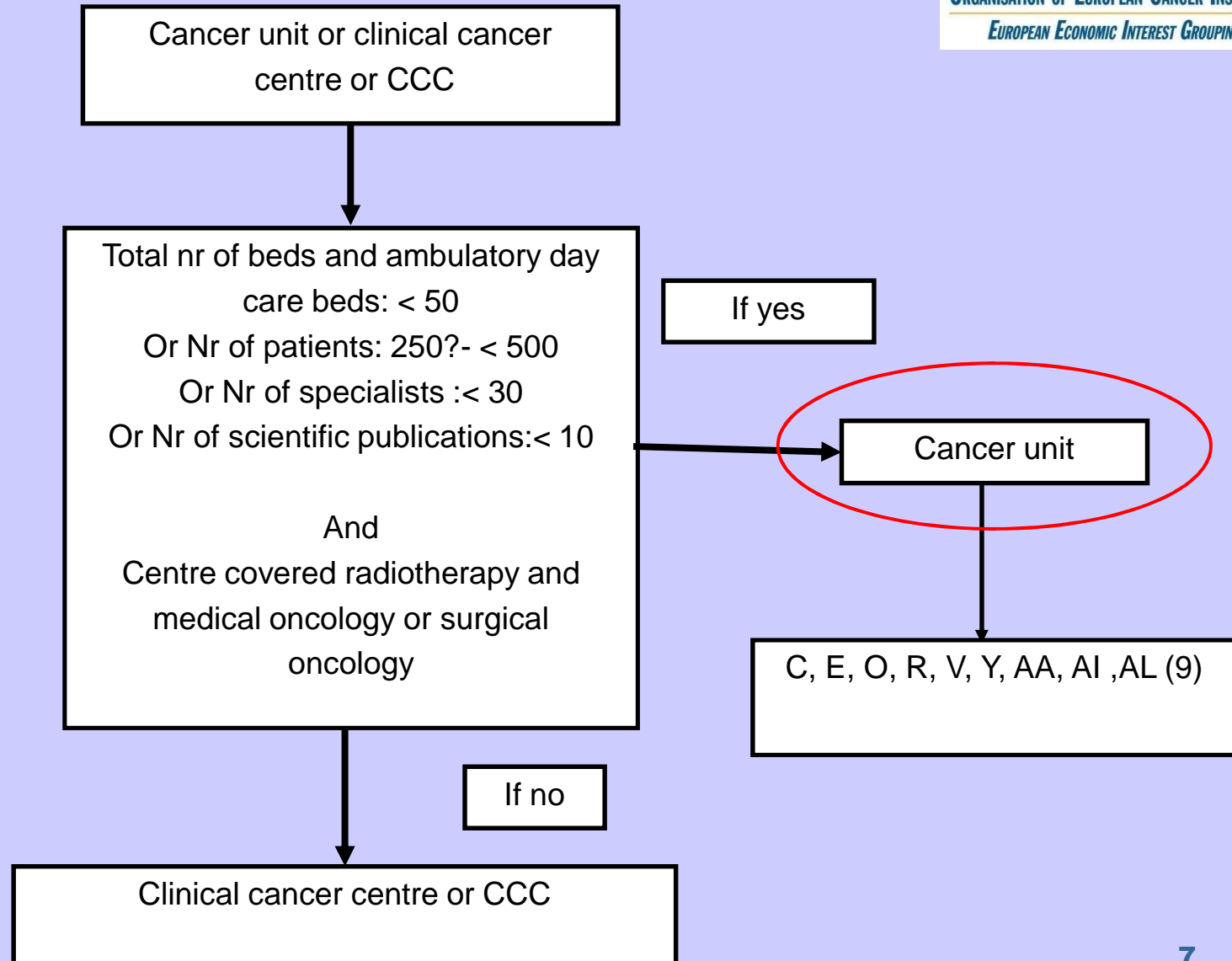
- To distinguish four types of cancer institutes
- Quantitative method for designating cancer institutes in Europe



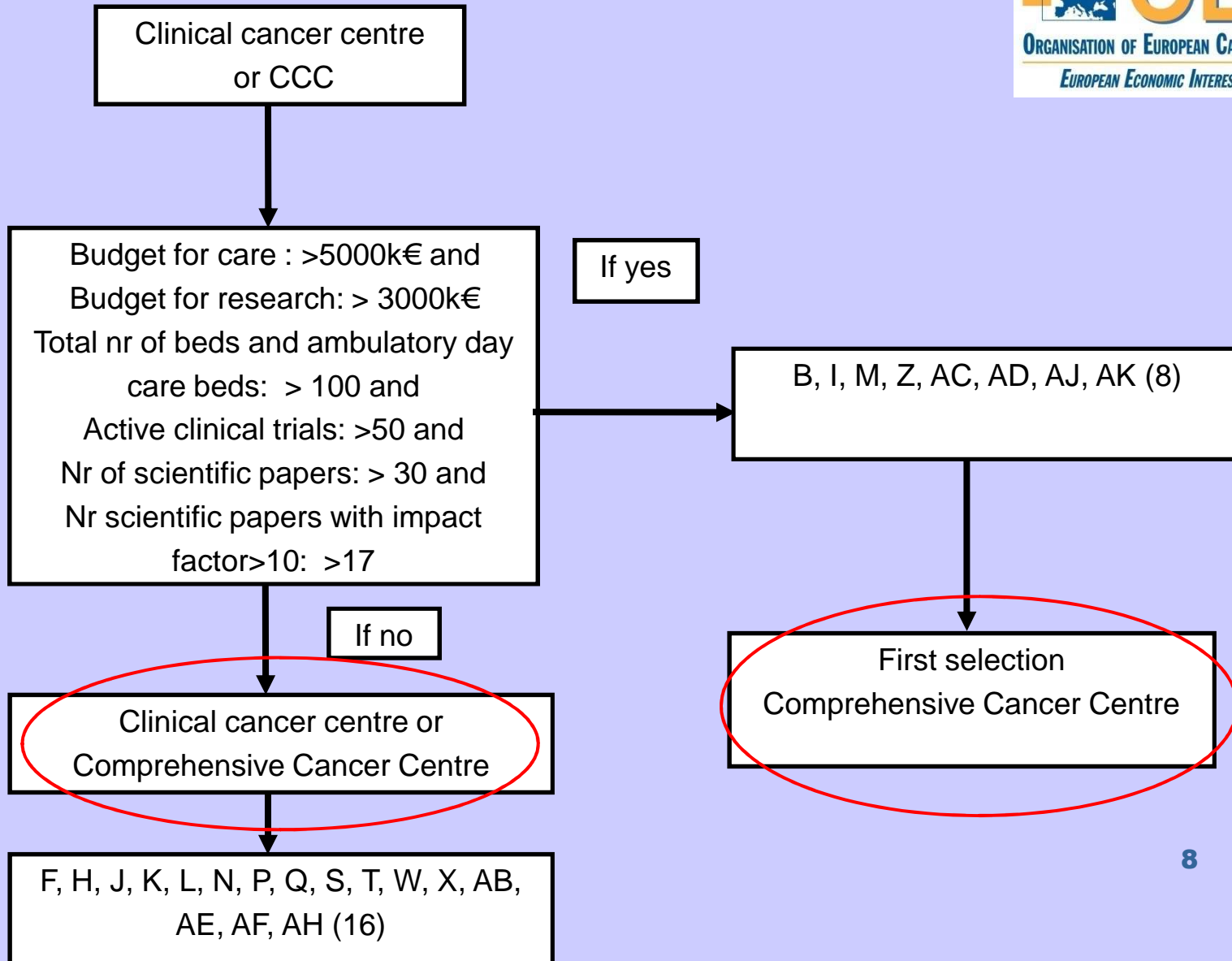
- Platforms for improvement and benchmarking of cancer institutes on an European scale based on comprehensiveness!



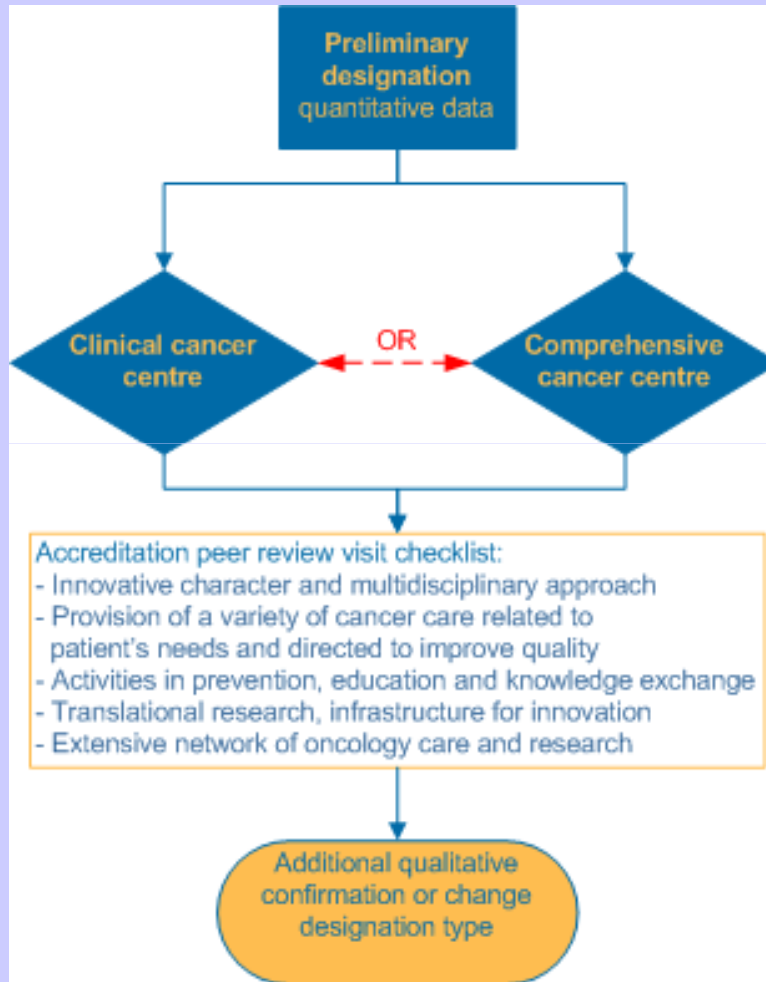
# Result



# Result



## Check comprehensiveness

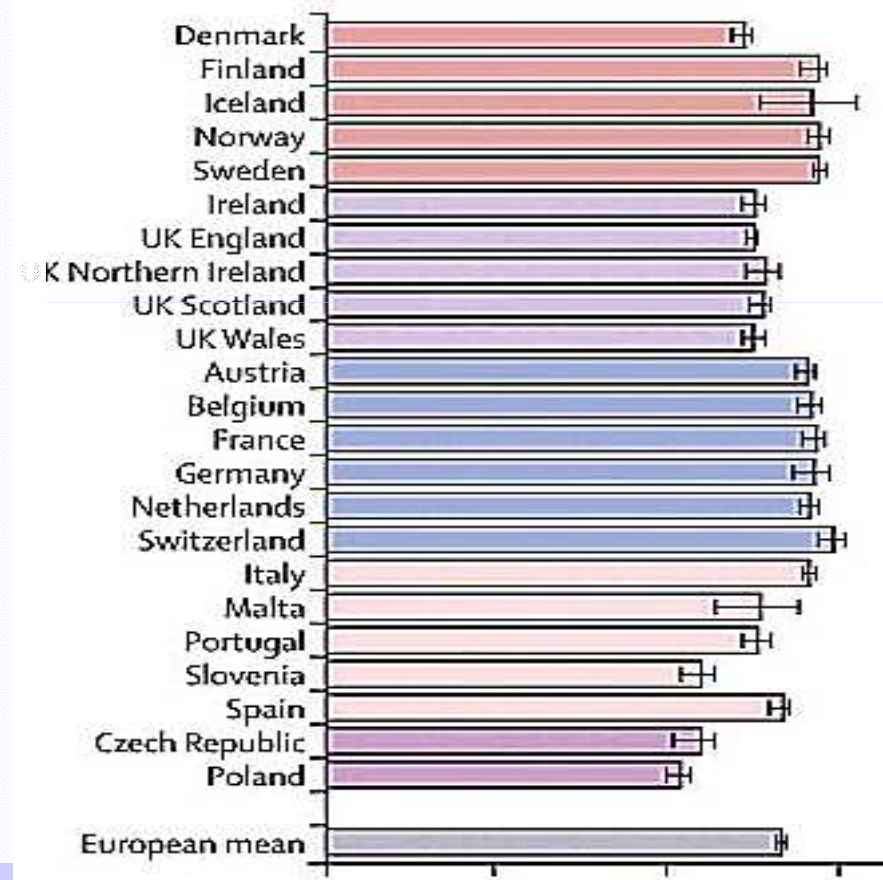


"If all relevant competences, skills, resources and tools concerning cancer care and research are brought together and integrated, it will lead to an outcome that is larger, on the whole, than the sum of its parts"

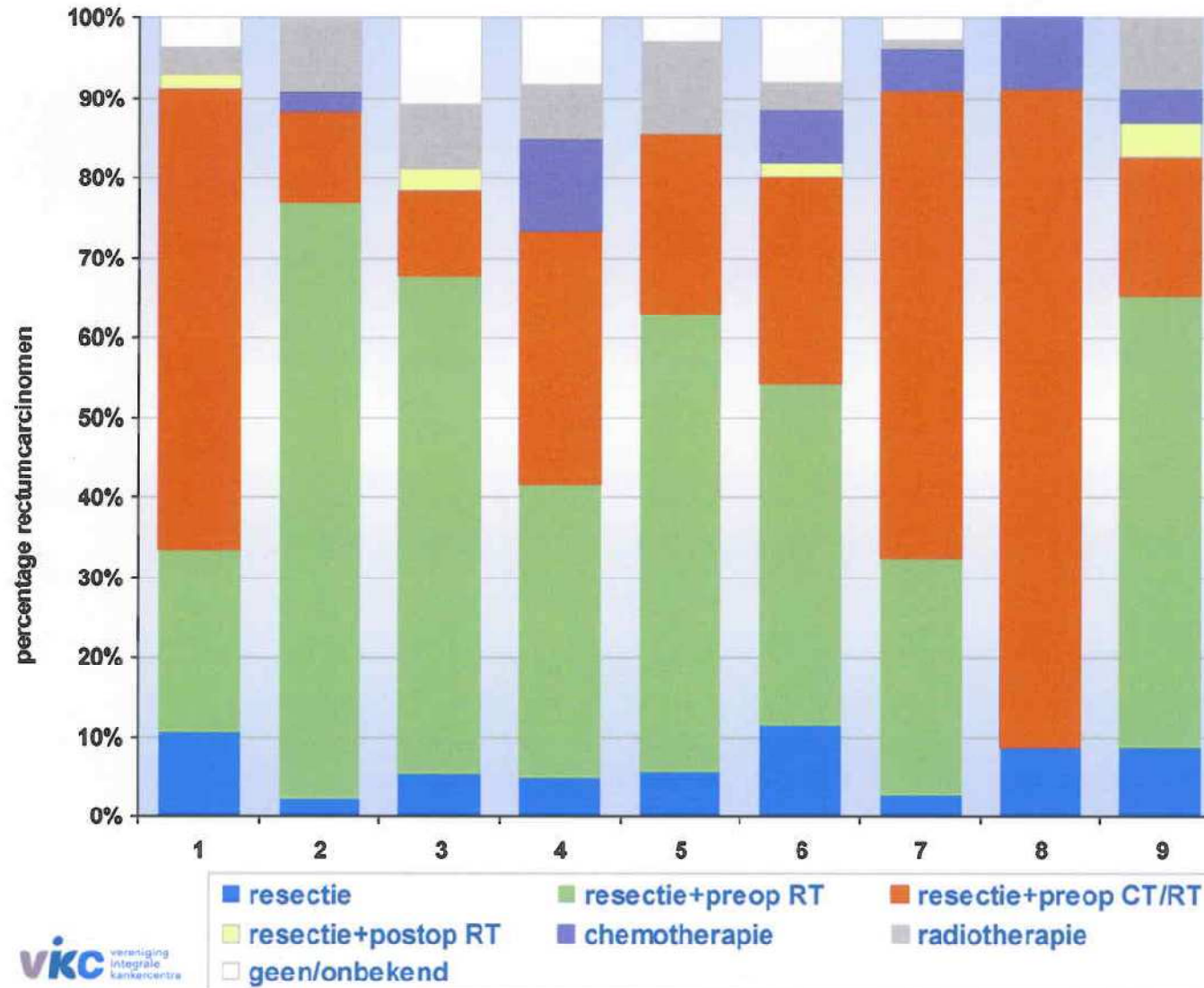
(Ringborg, 2008)

# European data

- Nordic-countries, Austria & Switzerland best in overall survival
- Netherlands 12 th position
- On average 'good', but.....
- -Concentrated services perform better
- -Sometimes impressive regional differences

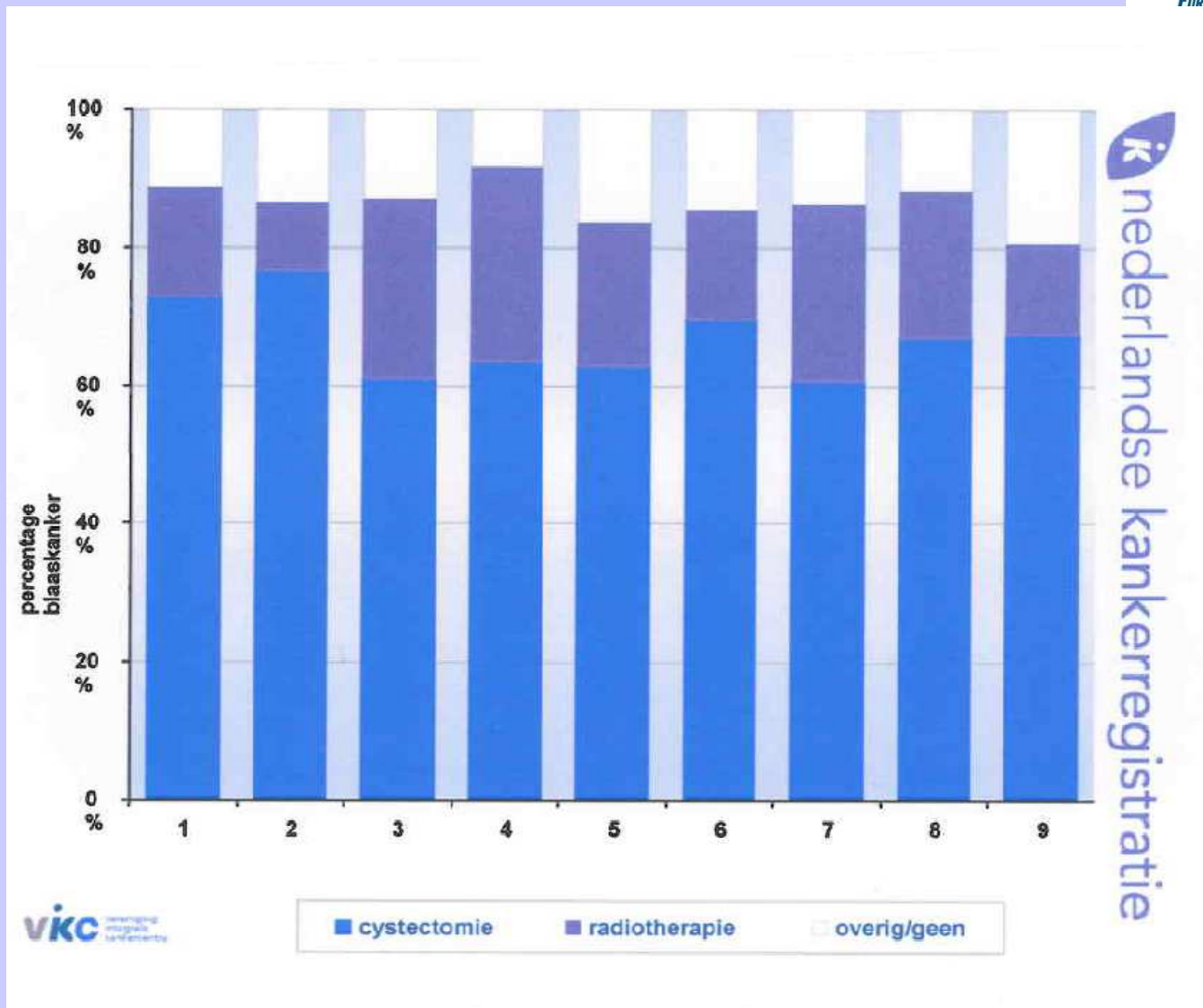


# Benchmarking challenges

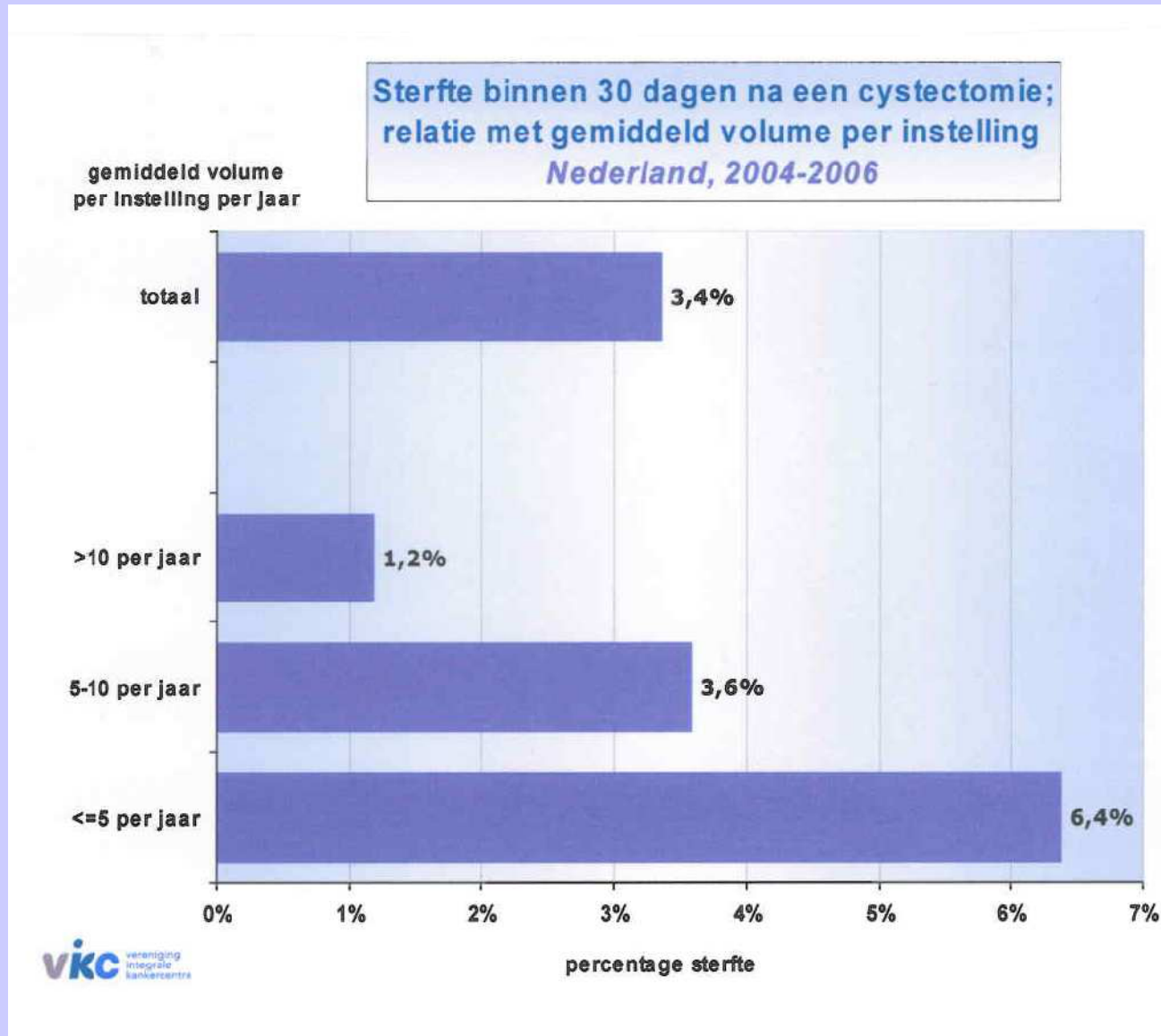


# Benchmarking Challenges

ORGANISATION OF EUROPEAN CANCER INSTITUTES  
EUROPEAN ECONOMIC INTEREST GROUPING



# Benchmarking Challenges



# Benchmarking Productivity and Efficiency Chemo day care

(relative scores)



Characteristic	Case 1*	Case 2	Case 3
No. of treatment places	70%	100%	43%
No. of FTE	100%	59%	35%
No. of patients per bed	77%	43%	100%
No. of patients per employee	44%	62%	100%
No. of patient visits per nurse	55%	62%	100%

# Using Benchmarking to identify improvement chances..(EJC 2010)



- Balancing capacity and demand using leveled scheduling
- Benchmarking: planning based on available beds and nurses
- Supply chain management improves flow between pharmacy, blood drawing dept.
- Emphasis on reducing non-value added activities

	Difference in %
<i>Average nr of patients per month</i>	<b>+ 36%</b>
<i>Average nr of patient per bed per day</i>	<b>+ 31%</b>
<i>Average nr of patients per month / employee*</i>	<b>+14 to + 25%</b>
<i>Average nr of patient per month / nurse*</i>	<b>+ 17,5 to 41%</b>
<i>Utilization of beds**</i>	No accurate data available
<i>Average time needed per patient ***</i>	Not much change

# BENCHCAN:

## benchmarking comprehensive cancer care



- Benchmarking as basis for improvement
- Benchmarking as input for patient information
- Comprehensive Cancer Care not limited to OECCI
- Pilot in 9 centers in 3 EU regions
- Format and implementation guide open accessible

# BENCHCAN

- High review scores, negotiation phase ongoing, expected start Q1 2013
- 3-year project
- Stakeholder involvement and environment check
- OECCI-lead project, but.... independent evaluation and open access to results

# Improving cancer care

ORGANISATION OF EUROPEAN CANCER INSTITUTES  
EUROPEAN ECONOMIC INTEREST GROUPING

- Patient oriented Comprehensive Cancer Care (Focused Factories) often part of larger organisations.
- Organise Comprehensiveness (translational research and innovation)
- Accreditation and Benchmarking
- Reduce variation and concentrate

# Excellence Designation System (EDS)

## Aim

To develop an objective criteria-based system to identify & designate European CCC's as excellent performers in translational research

## Rationale

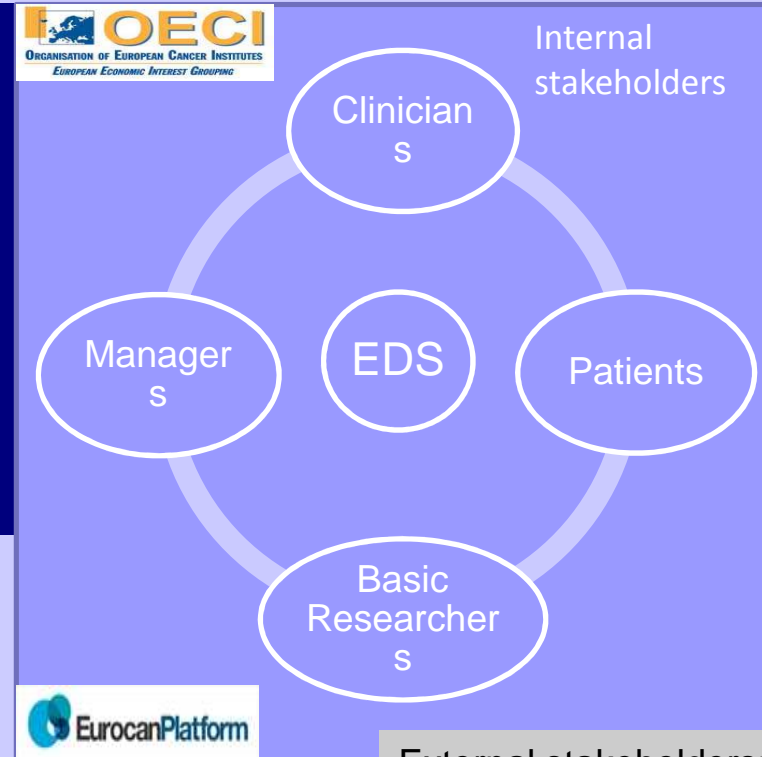
To improve translational research performance in Europe for better patient outcomes and R&D competitiveness.

## Basis

OECI A&D programme. Only CCC's may enter EDS.

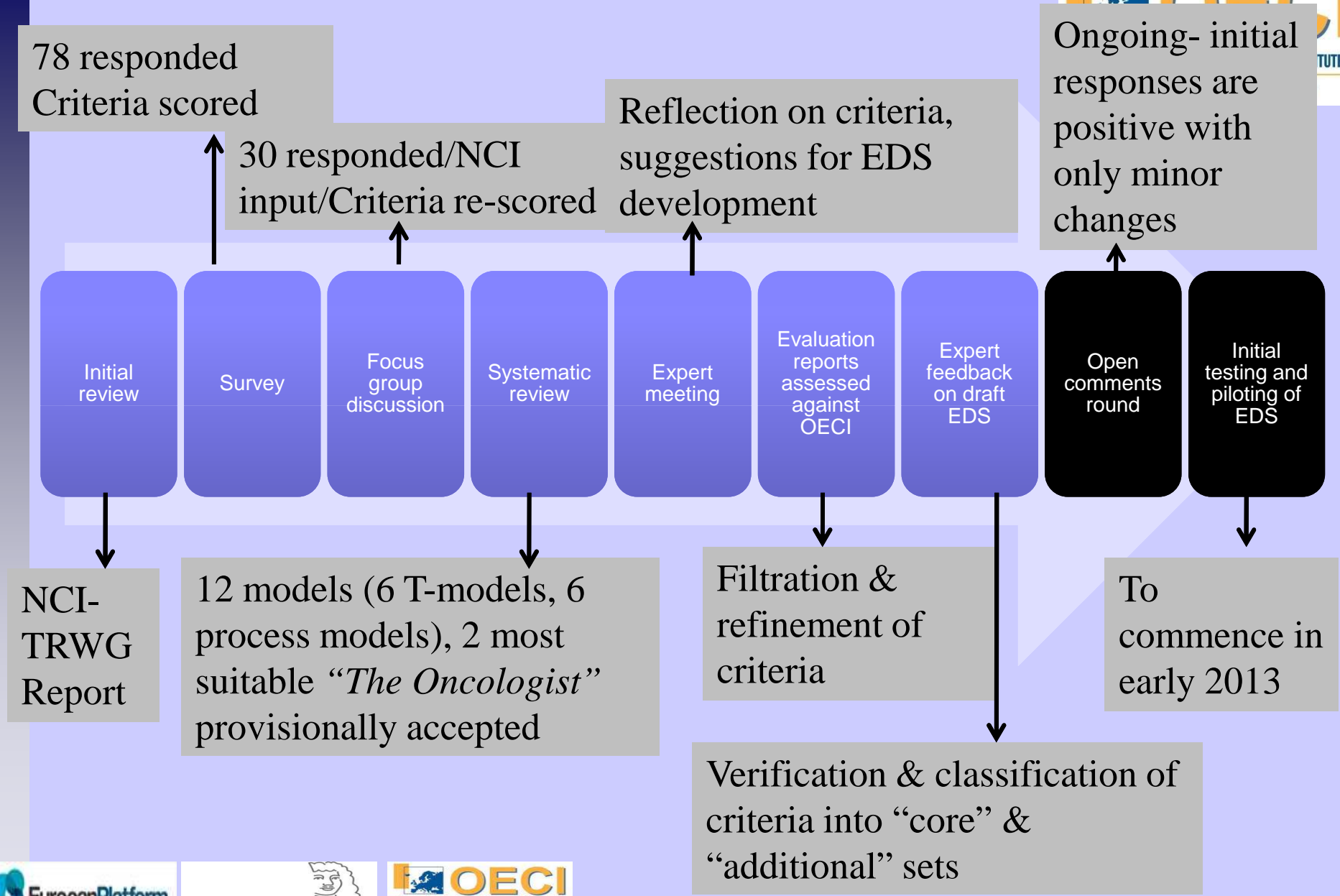
## Deliverables

- Draft (2011-12) – Completed
- Pilot (2013-14)
- Results (2015)
- Report (2016)



External stakeholders:  
ESMO, ECCO,  
ESTRO European  
Academy of Cancer  
Sciences) & NCI  
(TRWG)

# EDS development process



# Present status

- **Key consensus results** external governance; use existing evaluation reports; int'l respected peer review experts (site visits); more qualitative criteria
- **Draft EDS** Total criteria (N=38) Core (N=20) Additional (N=18)
- **Positive reaction** from OECI & Eurocan platform members in open comments round so far (open till 26 October 2012)
- **Second round of open comments** with external stakeholders in November 2012.
- **Positive reaction** from European Academy of Cancer Sciences to take the governance role

## **DRAFT EDS – 10 themes**

1. Organizational policy & strategy
2. Financial management
3. People management
4. Collaborations
5. Research infrastructure
6. Clinical trials management
7. Innovation research outputs
8. Center profile
9. Training and development
10. Patient clinical experience

## **Example Theme 3. People management**

### Core criteria

Mechanisms are in place to support clinicians to do lab and translational research (e.g. number of clinicians undertaking research aimed at a PhD)

### Additional criteria

Effective support for junior staff in setting project and career goals



## Thanks:

OECI board & Accreditation steering group,  
Eurocan platform

Mahasti Saghatchian, Henk Hummel,  
Femke Boomsma, Wineke van Lent,  
Abinaya Rajan

### Information and application:

[www.oeci.selfassessment.eu](http://www.oeci.selfassessment.eu)

[Accreditation-coordinator@oeci.eu](mailto:Accreditation-coordinator@oeci.eu)