

Comprehensive Cancer Centers in Europe: OEI and European alignment

Opening lecture - June 16th 2022

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Cancer in Europe: a complex scenario

Epidemiology: 2.7 million new cases (2020), 1.3 million deaths (2020), expected increase of about 25% by 2035

Variability in Epidemiology, Economics and Outcomes (between and within countries)

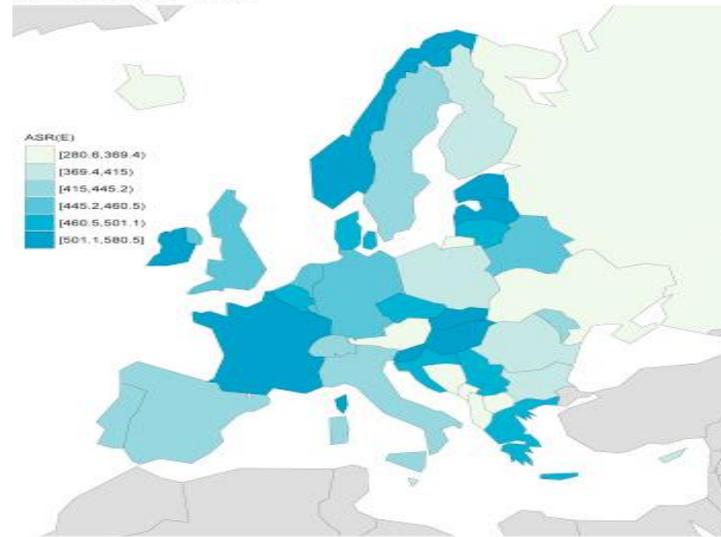


EPIDEMIOLOGY OF CANCER

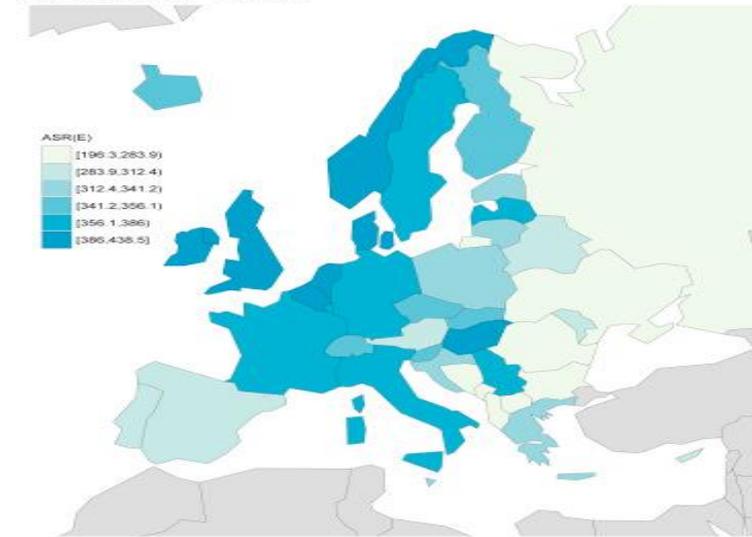
Age standardised incidence and mortality rates for all cancers for men and women in Europe 2018 (excluding non-melanoma skin cancers)

J. Ferlay et al. Eur. J Cancer, 2018

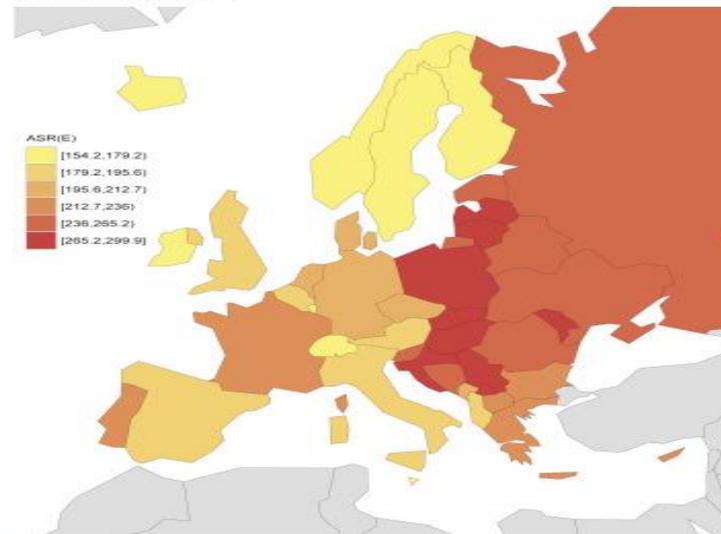
2a. Incidence – Male



2b. Incidence – Female



2c. Mortality – Male



2d. Mortality – Female

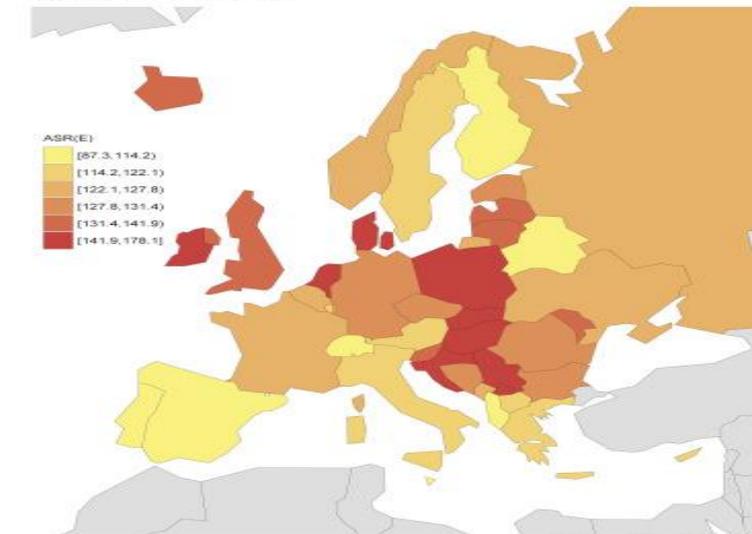
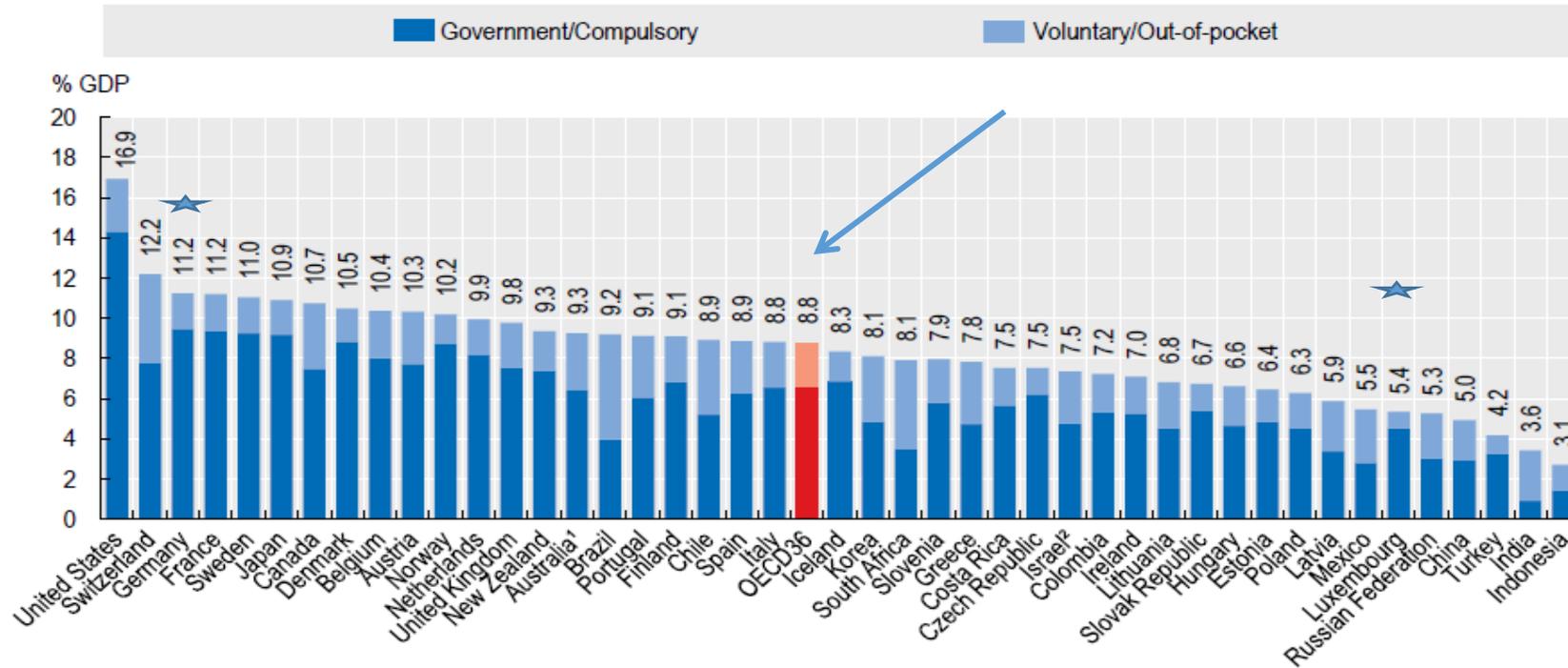


Figure 7.3. Health expenditure as a share of GDP, 2018 (or nearest year)



Note: Expenditure excludes investments, unless otherwise stated.

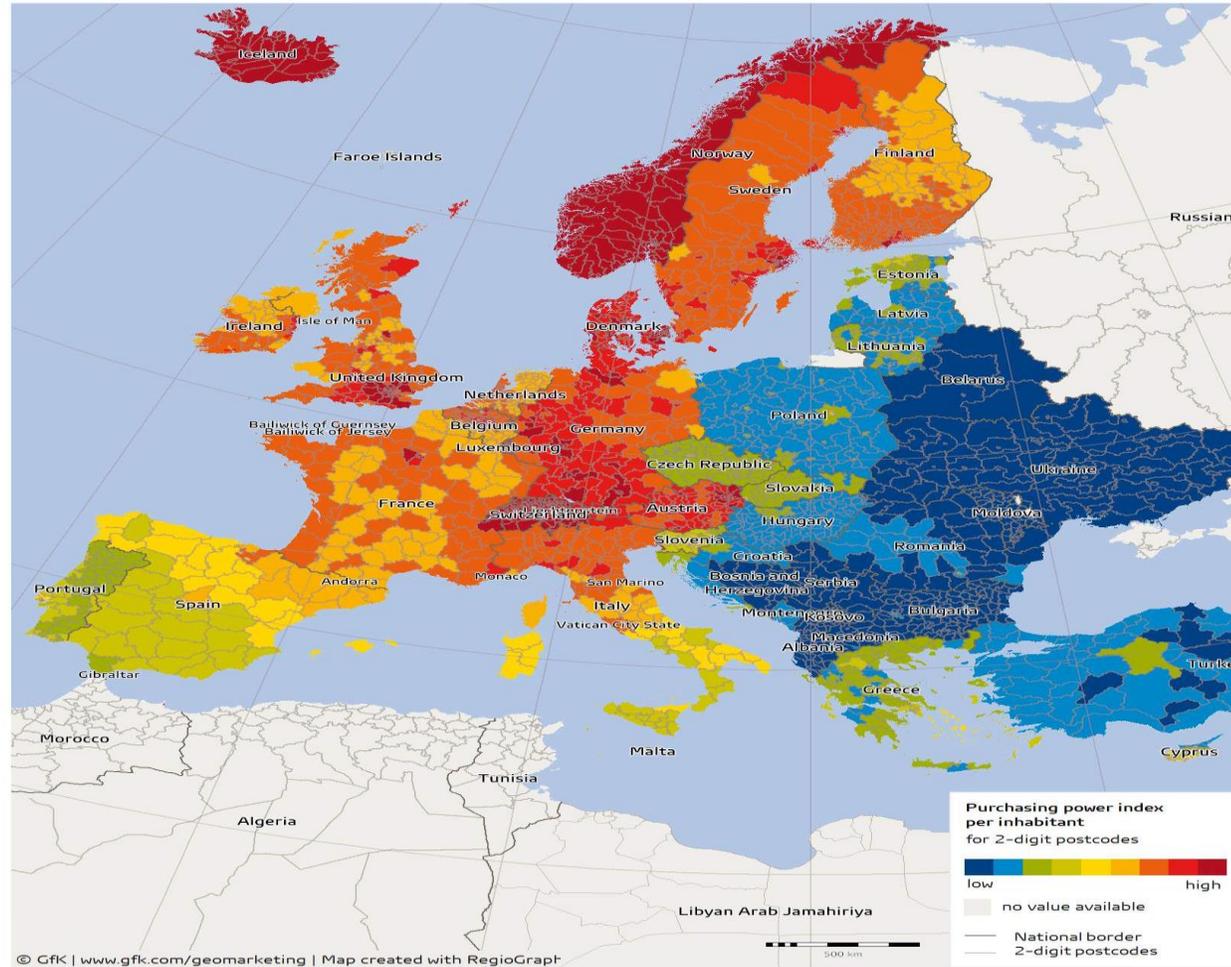
1. Australia expenditure estimates exclude all expenditure for residential aged care facilities in welfare (social) services. 2. Includes investments.

Source: OECD Health Statistics 2019, WHO Global Health Expenditure Database.

StatLink  <https://doi.org/10.1787/888934016816>



GfK Purchasing Power Europe 2017



CANCER BEATING PLAN

It reflects a political commitment to leave no stone unturned to take action against cancer.

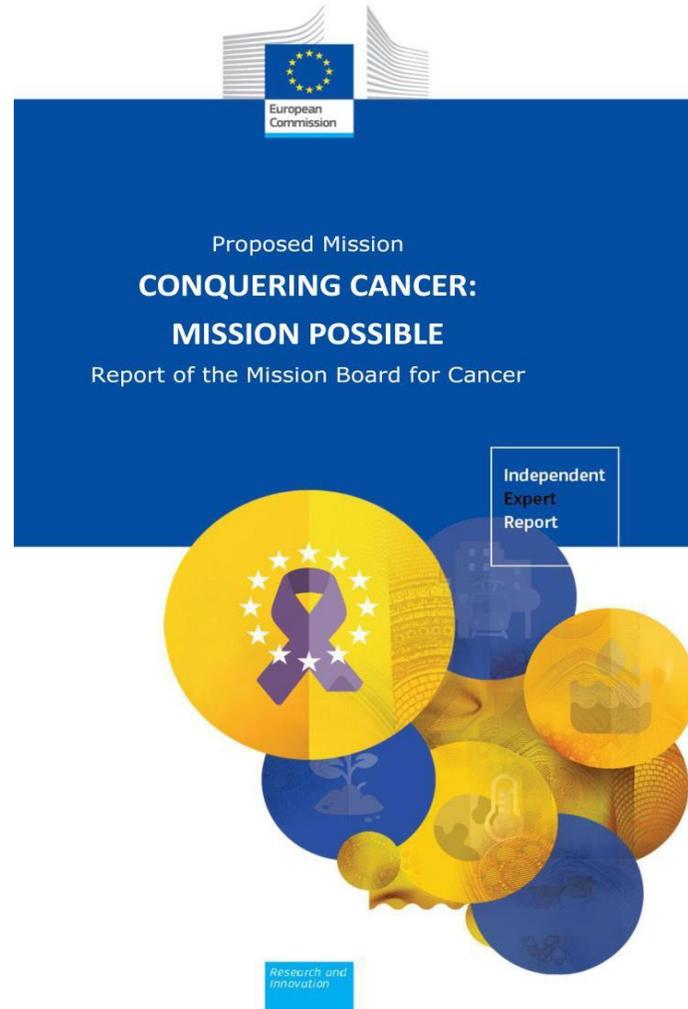
Mobilising the collective power of the EU to drive change to the benefit of our citizens, the Cancer Plan contains concrete, ambitious actions that will support, coordinate and complement Member States' efforts to reduce the suffering caused by cancer.



CANCER BEATING PLAN

- **Prevention** (HPV Vaccine, tobacco free generation, increase alcohol taxation, adren obesity, diets, physical activities, European code against cancer)
- **Early detection and screening** (European imaging initiative, screening for Breast, cervical and colon)
- **Treatment**
- **Access to innovation** (Genomics for public health, personalized medicine, immunotherapy, gene therapy, vaccine)
- **European information system**, use of machine-learning and IA
- **Better life** for cancer patients
- **Access for survivors to financial service**





Recommandation 1

Launch UNCAN EU – a European Initiative to understand cancer

Recommandation 2

Develop an EU-wide research programme to identify (poly-) genic risk scores

Recommandation 3

Support the development and implementation of effective cancer prevention strategies and policies within Member States and the EU

Recommandation 4

Optimise existing screening programmes and develop novel approaches for screening and early diagnosis

Recommandation 5

Advance and implement personalised medicine approaches for all cancer patients in Europe

Recommandation 6

Develop an EU-wide research programme on early diagnostics and minimally invasive treatment



Recommandation 7

Developp an EU-wide research programme on policy support to improve the quality of life of cancer patients and survivors, family members and carers, and all persons

Recommandation 8

Create a European Cancer Patient Digital Centre where cancer patients and survivors can deposit and share their data for personalised care

Recommandation 9

Achieve Cancer Health Equit in the EU across the continuum of the disease

Recommandation 10

Set up a Network of Comprehensive Cancer Infrastructures within and across all EU Member States to increase quality of research and care

Recommandation 11

Childhood cancers and cancers in adolescents and young adults: cure more and cure better



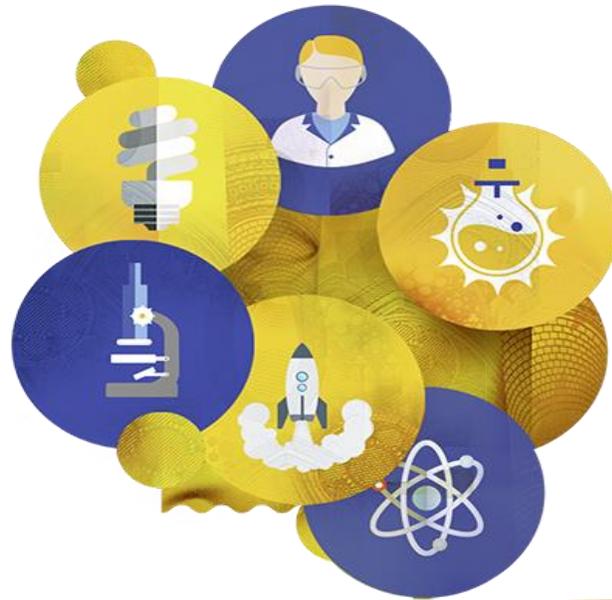
Recommandation 12

Accelerate innovation and implementation of new technologies and create Oncology-focused living labs to conquer cancer

Recommandation 13

Transform cancer culture, communication and capacity building





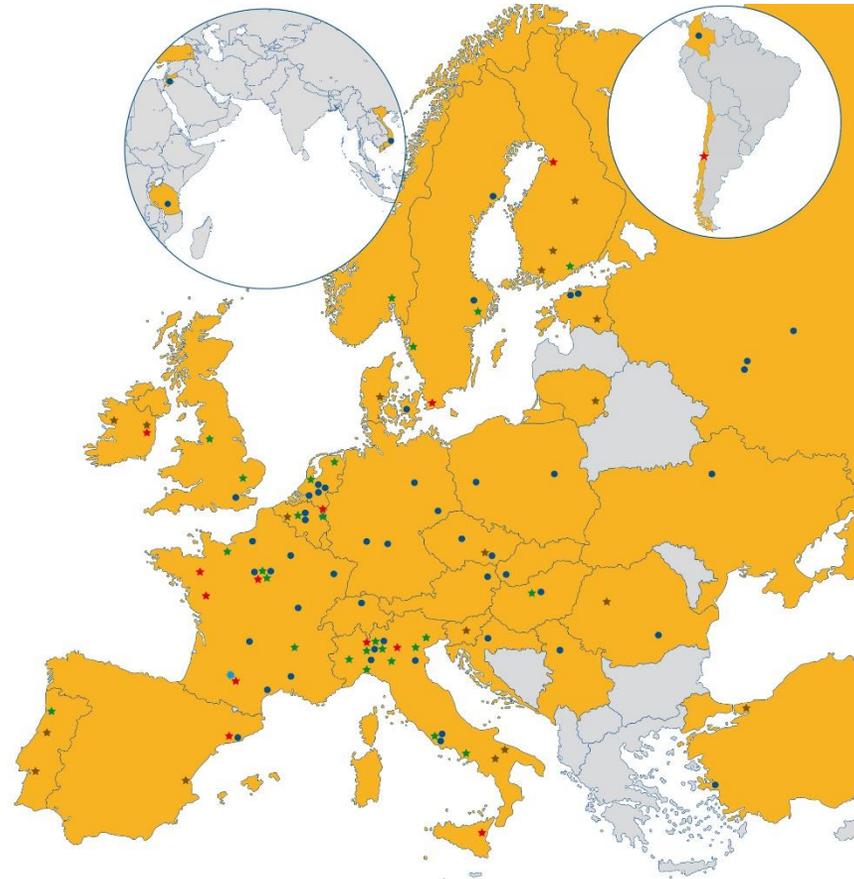
HORIZON EUROPE

DigiCore
Digital Institute for Cancer Outcomes Research

ECI
Organisation of European
Cancer Institutes – EEIG

**Several calls to implement the
BEATING CANCER PLAN and the
Cancer MISSION objectives**





EU countries with almost full coverage of accredited centres:

- Italy
- France
- Germany
- Finland
- Portugal

Countries with accredited centres

- Belgium
- Czech Republic
- Denmark
- Estonia
- Hungary
- Ireland
- Lithuania
- Romania
- Slovenia
- Spain
- Sweden
- The Netherlands

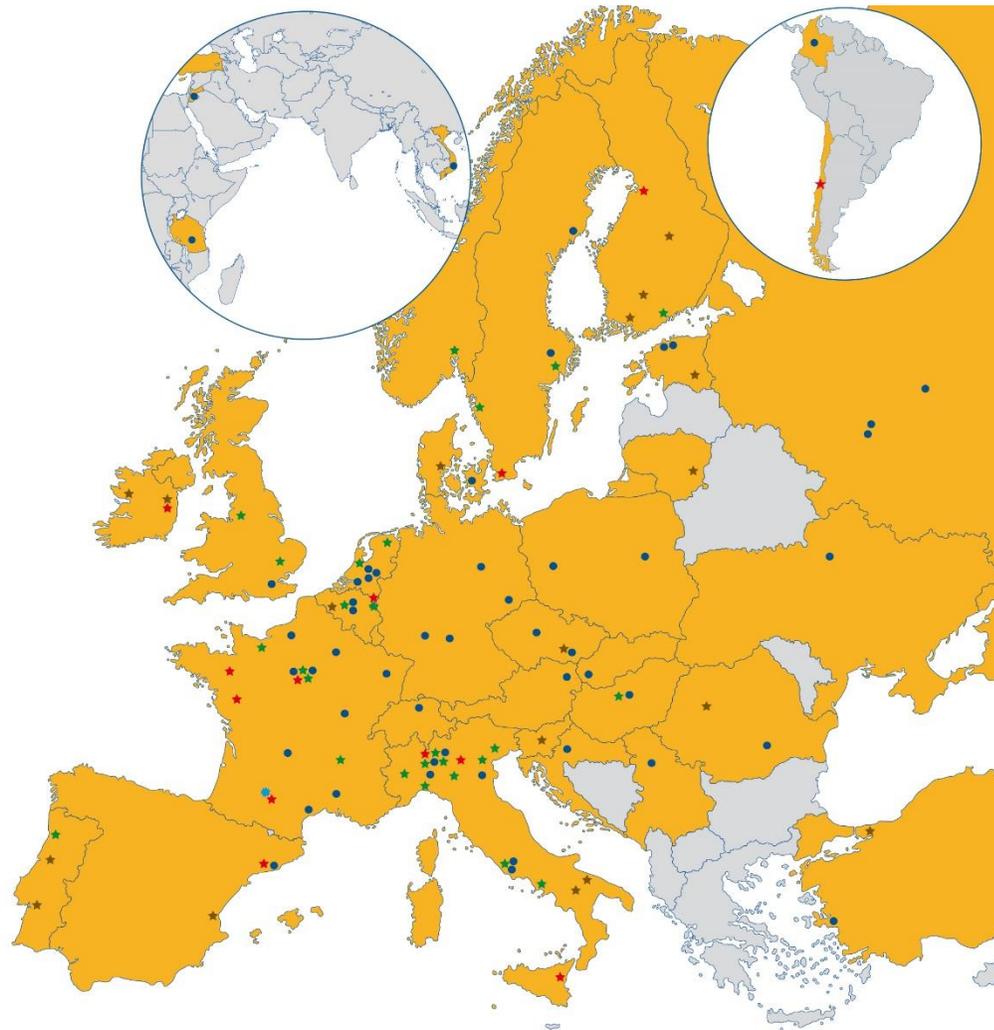
EU countries with no accredited centres yet:

- Austria
- Bulgaria
- Croatia
- Cyprus
- Greece
- Latvia
- Luxembourg
- Malta
- Poland
- Slovakia

Other non EU Countries with cancer centres already certified or into the process

- Chile (in process)
- Norway (certified)
- Turkey (certified)
- United Kingdom (certified)





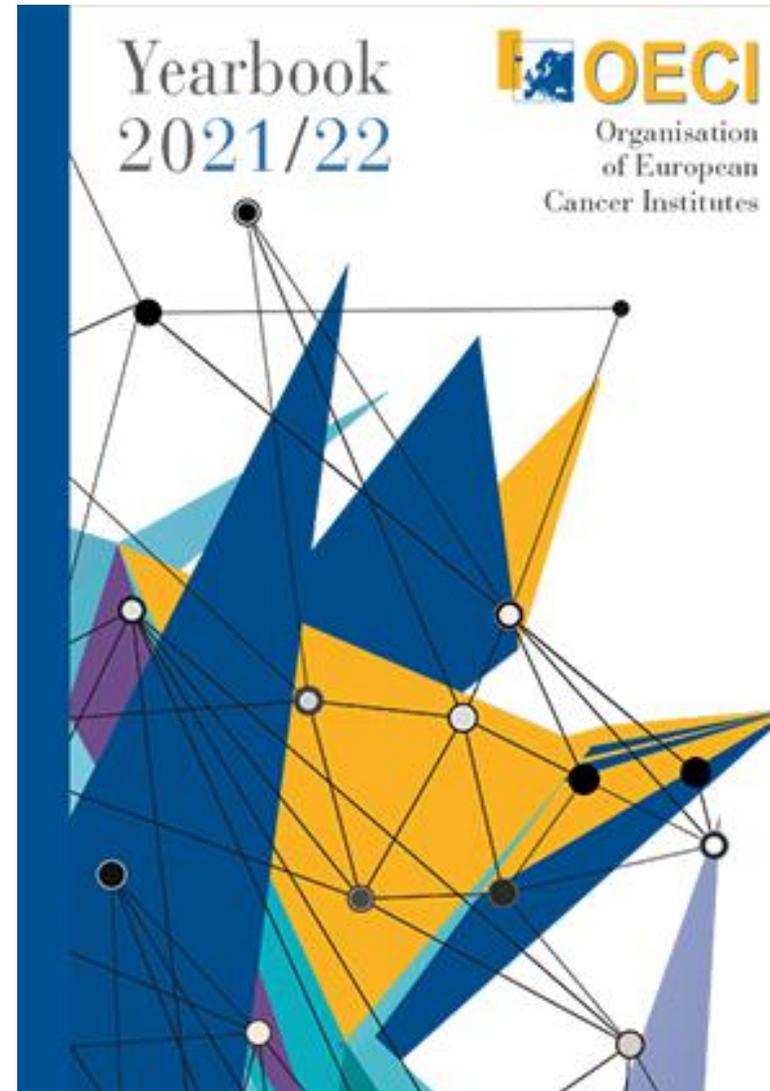
European overview of the Accreditation Programme
 62 large Centres in 17 European countries
 + UK + Norway + Turkey

Comprehensive Cancer Network 1
Comprehensive Cancer Centres - 30
OEI Cancer Centres – 18
In the process – 13

The OEI Network

- ★ OEI Member A&D certified Comprehensive Cancer Network
- ★ OEI Member A&D certified Comprehensive Cancer Centre
- ★ OEI Member A&D certified Cancer Centre
- ★ OEI Member in the A&D process
- OEI Member





OECI AND EUROPEAN ALIGNEMENT WITH CANCER BEATING PLAN AND CANCER MISSION



Direct grants to Member States' authorities: network of Comprehensive Cancer Centres

Call topic/sub-topic and Budget

Direct grants – 10.1.3

Preparatory activities on creation of National Comprehensive Cancer Centres and EU Networking

3.000.000 Euros



JANE Joint Action
INT – Milan Coordinator

Direct grants 10.1.2

Establishment of new EU Network of Expertise on Cancers and Cancer Conditions

4.000.000 Euros



CraNE Joint Action
Slovenia - Coordinator



OEI PARTICIPATION TO EC PROJECTS, UNDER EVALUATION OR IN NEGOTIATION

Title: Integrated and standardized NGS workflows for Personalised therapy Instand-NGS4P

Horizon 2020 Call: H2020-SC1-BHC-2018-2020 – Coordinator Medizinische Universität Graz – **OEI Role - Partner**

Title: Network of Comprehensive Cancer Centres: Preparatory activities on creation of National Comprehensive Cancer Centres and EU Networking

- Programme: EU4H-2021-JA-03 CraNE - Acronym: **CraNE** (Joint Action)

Coordinator: Slovenian National Institute of Public Health - **OEI: Affiliated Entity**

Title: Joint Action on European Networks of Expertise

Programme: EU4H-2021-JA-04 Jane - Acronym: **JANE** (Joint Action) - Coordinator: INT Milano - **OEI: Affiliated Entity**

Title: “Quality of Life in Oncology: measuring what matters for cancer patients and survivors in Europe - EUonQoL

HORIZON-MISS-2021-CANCER-02-02: Coordinator: Fondazione Istituto Nazionale dei Tumori –Milan - **OEI role: Partner**

Title: A Coordination and Support Action to prepare UNCAN.eu platform

Programme: HORIZON-MISS-2021-UNCAN-01-01 –Acronym: **UNCAN.eu** - Coordinator: INSERM - **OEI Role: Partner**

Title: Innovative collaboration for Inter-specialty cancer training across Europe

Programme: EU4H-2021-PJ-02 - Acronym: **INTERACT-EUROPE** - Coordinator: European Cancer Organisation - **OEI Role: Partner**

Title: Improving cancer care coordination and screening in Latvia and Slovakia

Acronym: **ICCS (LATVIA DG REFORM)** - Coordinator: **IARC** - **OEI Role: IARC Subcontractor**



CANCER MISSION OPEN CALLS 2022

- HORIZON-MISS-2022-CANCER-01-01: **Improving and upscaling primary prevention of cancer through implementation research**
- HORIZON-MISS-2022-CANCER-01-02: **Strengthening research capacities of Comprehensive Cancer Infrastructures**
- HORIZON-MISS-2022-CANCER-01-03: **Pragmatic clinical trials to optimise treatments for patients with refractory cancers**
- HORIZON-MISS-2022-CANCER-01-04: **Towards the creation of a European Cancer Patient Digital Centre**
- HORIZON-MISS-2022-CANCER-01-05: **Establishing of national cancer mission hubs and creation of network to support the Mission on Cancer**



OEI position

Europe' Beating Cancer Plan and Cancer Mission have the common objectives to improve quality and decrease inequalities in cancer care in Europe, in order to:

Decrease mortality, improve survival and ameliorate QoL

These objectives may be achieved only with:

- supporting research and health care activities
- a wider participation of all Member States and Affiliated Countries
- a direct involvement of all the relevant stake-holders in the co-design and project implementation, including citizens and patients

OEI is a major player in this scenario.....

and is working with cancer communities that want to be allied to win this challenge

