

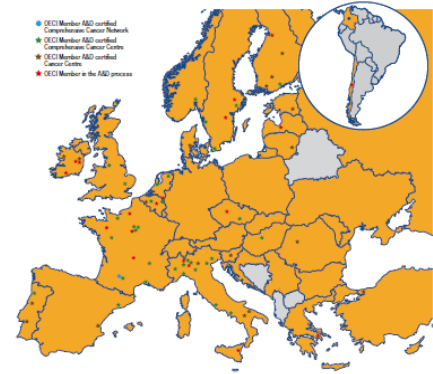
INT and OECI experience in Health and Digital Sectors

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Outline

- About OECI
- Cancer in Europe
- Cancer Mission
- Calls 2021-2022
- Performance of Italian participation in CM
- The INT experience
- Some reflections



- OECI is the largest European network of cancer centres/institutes with more than 130 members, covering 26 EU Member States.
- Its mission is to increase quality of care in Europe, with special emphasis in fighting inequalities
- An Accreditation and Designation Programme, 4 Working Groups and a dedicated programme to increase the participation in EU calls

Cancer in Europe

- There is a large variability in Epidemiology, Economics, Health Care and Health Care Systems, and Outcomes
- Both between and within countries

European Cancer Plans

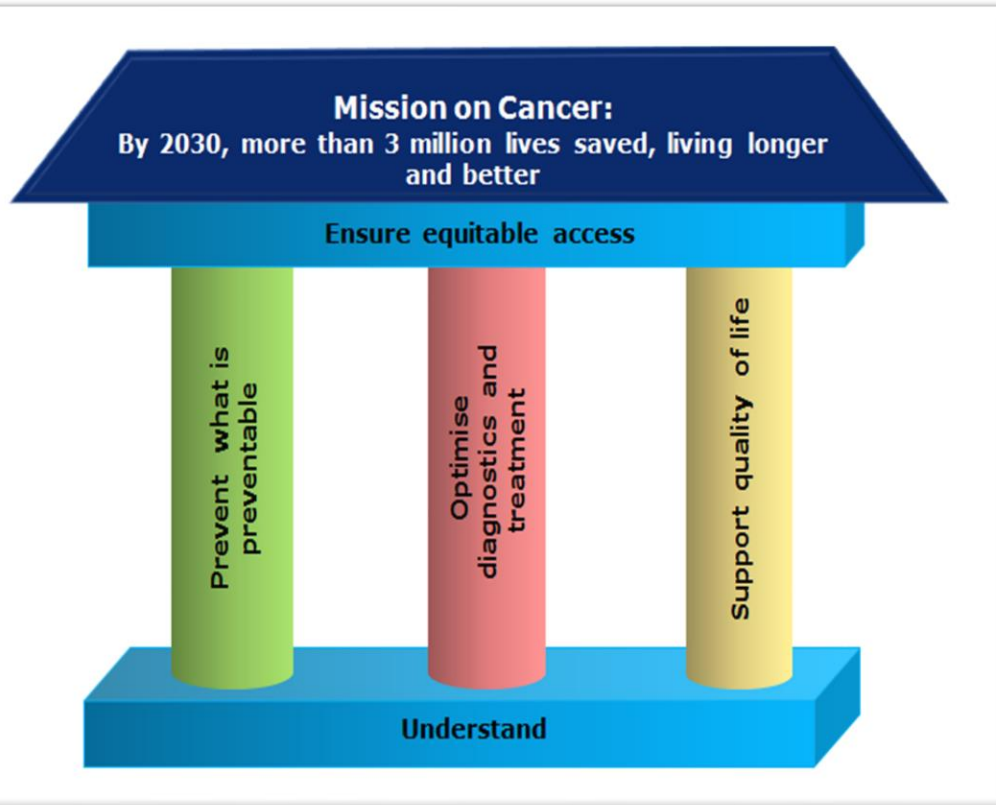
Europe' Beating Cancer Plan and Cancer Mission have the common objectives to **improve quality** and **decrease inequalities** in cancer care in Europe, in order to:

Decrease mortality, improve survival and ameliorate QoL

These objectives may be achieved only:

- ➡ 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
- ➡ alignment and coordination at national and European level

Cancer Mission



Five intervention areas:

1. understanding
2. prevention
3. diagnosis and treatment
4. quality of life
5. equitable access

Cancer Mission



13 bold recommendations



13 bold actions



13 calls

13 Recommendations for bold actions

- 1 Launch [UNCAN.eu](#) – a European Initiative to Understand Cancer
- 2 Develop an EU-wide research programme to identify (poly-) genic risk scores
- 3 Support the development and implementation of effective cancer prevention strategies and policies within Member States and the EU
- 4 Optimise existing screening programmes and develop novel approaches for screening and early detection
- 5 Advance and implement personalised medicine approaches for all cancer patients in Europe
- 6 Develop an EU-wide research programme on early diagnostic and minimally invasive treatment technologies
- 7 Develop an EU-wide research programme and policy support to improve the quality of life of cancer patients and survivors, family members and carers, and all persons with an increased risk of cancer
- 8 Create a European Cancer Patient Digital Centre where cancer patients and survivors can deposit and share their data for personalised care
- 9 Achieve Cancer Health Equity in the EU across the continuum of the disease
- 10 Set up a network of Comprehensive Cancer Infrastructures within and across all EU Member States to increase quality of research and care
- 11 Childhood cancers and cancers in adolescents and young adults: cure more and cure better
- 12 Accelerate innovation and implementation of new technologies and create Oncology-focused Living Labs to conquer cancer
- 13 Transform cancer culture, communication and capacity building



Cancer Mission Calls

	2021	2022	2023
No.	4	5	4
Budget	128.65	126	110.68

2021 call topics general statistics

Call opening: 22.12.2021

Call closure: 26.04.2022

TOPIC ID	Action Type	Call Indicative Budget (M EUR)	Received proposals	Funded proposals
HORIZON-MISS-2021-CANCER-02-01	RIA	60.00	78	6
HORIZON-MISS-2021-CANCER-02-02	RIA	11.00	4	1
HORIZON-MISS-2021-CANCER-02-03	RIA	54.60	24	5
TOTAL		125.60	106	12

HORIZON-MISS-2021-CANCER-02-01:
Develop new methods and
technologies for screening and early
detection

HORIZON-MISS-2021-CANCER-02-02:
Develop and validate a set of quality
of life measures for cancer patients
and survivors

HORIZON-MISS-2021-CANCER-02-03:
Better understand healthy versus
cancer cells at individual and
population level

Funded proposals/projects starting their implementation in 2023!

Further publicly available information can be found via [CORDIS \(EU Research Results platform\)](#)

2022 CALL TOPICS – General Statistics

Via **webex** **22 call topics**
general statistics

Call opening: 24.05.2022

Call closure: 07.09.2022

TOPIC ID	Action Type	Call Indicative Budget (M EUR)	Received proposals	Number of proposals retained for funding
HORIZON-MISS-2022-CANCER-01-01	RIA	50.00	15	6
HORIZON-MISS-2022-CANCER-01-02	CSA	10.00	2	1
HORIZON-MISS-2022-CANCER-01-03	RIA	60.00	15	12
HORIZON-MISS-2022-CANCER-01-04	CSA	3.00	0	0
HORIZON-MISS-2022-CANCER-01-05	CSA	3.00	2	1
TOTAL		126.00	34	20

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 treatment for cancer patients

HORIZON-MISS-2022-CANCER-01-04:
Towards the creation of a European Cancer Patient Digital Centre

HORIZON-MISS-2022-CANCER-01-05:
Creation of national cancer mission hubs to support the implementation of the Mission on Cancer

Proposals retained for funding are currently at Grant Agreement Preparation phase!

MISSION CANCER 2021 + 2022 | COMPETIZIONE EUROPEA – TOP SEVEN



Paesi	# Partecipazione	€ Contributo finanziario	# Rientro	€ Rientro
BE	79	46.727.357 €	10%	13%
ES	106	41.518.409 €	13%	12%
FR	70	39.306.305 €	8%	10.9%
IT	81	38.028.979 €	10%	10.6%
DE	72	37.827.567 €	9%	10.5%
IL	31	31.509.835 €	4%	9%
EL	41	22.372.868 €	5%	6%

81/128
(58%)

MISSION CANCER 2021 + 2022 |

COORDINAMENTI –TOP SEVEN



Paesi	# Coordinamenti	€ Contributo finanziario
BE	6	19.771.322 €
IT	7	15.812.839 €
IL	6	14.359.700 €
EL	6	8.477.333 €
FR	5	6.891.748 €
ES	5	5.757.679 €
DE	3	4.687.948 €

CM calls Participation

- 140 received proposals in the nine 2021 and 2022 calls
 - 32 accepted
- 107 received in the four 2023 calls
 - Under evaluation
- Large variability in participation
 - From 1 to 50 (mean 13, top 50)
- Large variability in success rate and coordination

OECI Participation at EU Projects

Centralise Quality
at JRC



Listen to the
patients' voice and
to their disabilities



Interdisciplinary
training

Create National
Cancer HUBS



Create National
Cancer
Infrastructures



Define and create
European Comprehensive
Cancer Network



Identify future
cancer
research

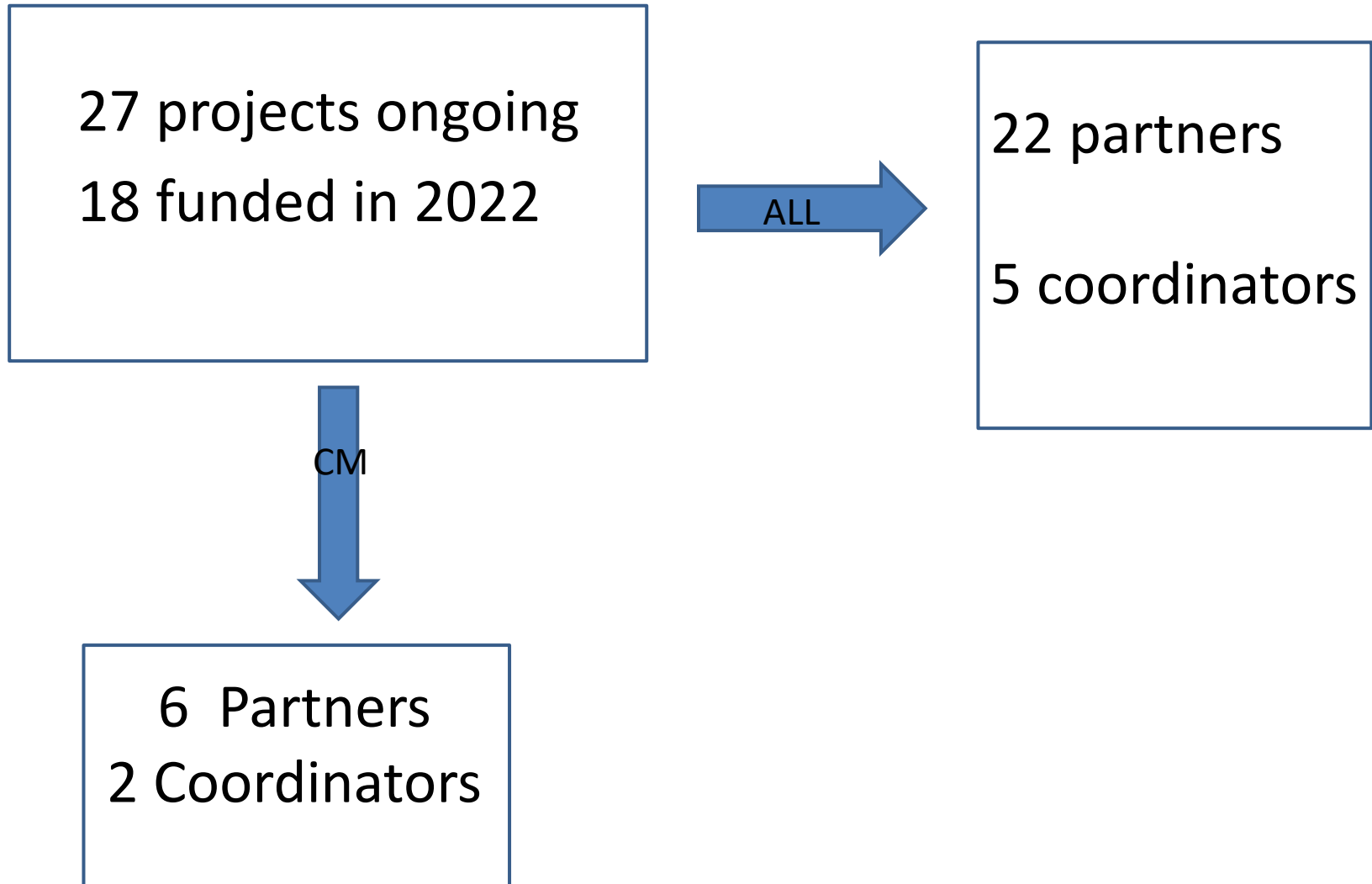


Create networks of
expertise in poor
prognosis cancers



A uniform approach
to molecular
pathology

INT EU funded projects



COMPREHENSIVE CANCER INFRASTRUCTURE IN EUROPE (CCI4EU)



Call: HORIZON-MISS-2022-CANCER-01 **Topic:** HORIZON-MISS-2022-CANCER-01-02 **Type of action:** CSA

Project Title: Comprehensive Cancer Infrastructure in Europe (CCI4EU)

Start/End Date: 1/05/2023 – 30/04/2026

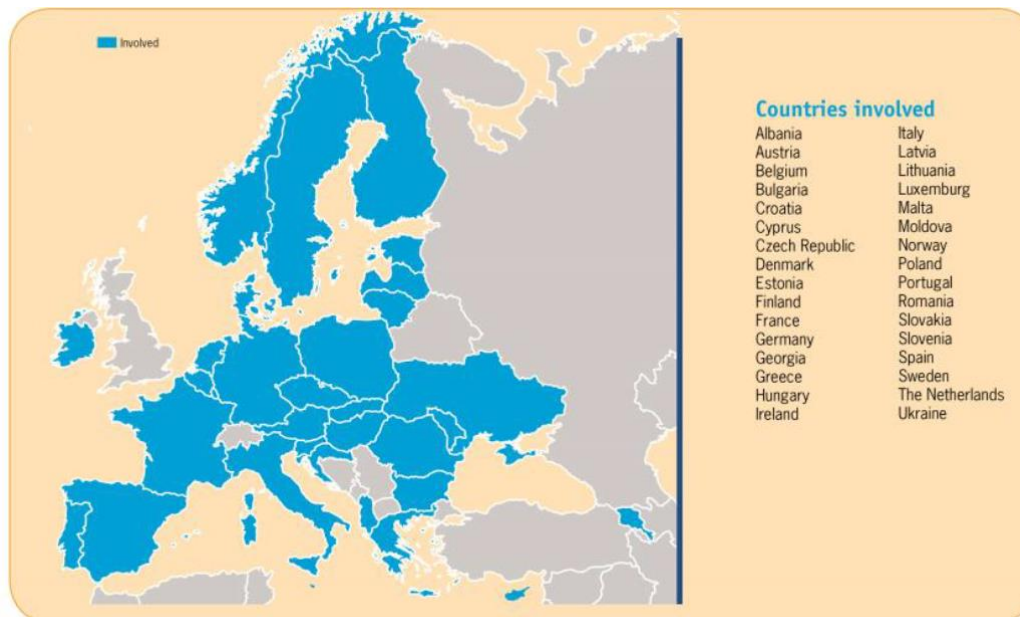
Total Requested Budget: 9.984.080,00€

Coordination: OECI (G.Apolone)

European initiative, implemented in all Member States, based on a capacity building programme (CBP), will help reduce inequalities, in the context of other actions ongoing, such as *CRANE*, *JANE* and *UNCAN*.

The CSA will implement the following steps:

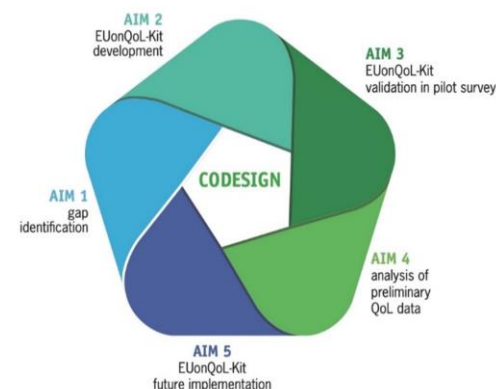
- define CCI Maturity Model including quality indicators;
- profile the CCIs in each MS and a few ACs in terms of CCI presence and levels of maturity; design tailored CBP interventions, giving priority to MSs without any CCI;
- deliver online training courses open to teams in all MSs and ACs, implement targeted onsite interventions;
- scale up and sustain development; disseminate, exploit and report results.



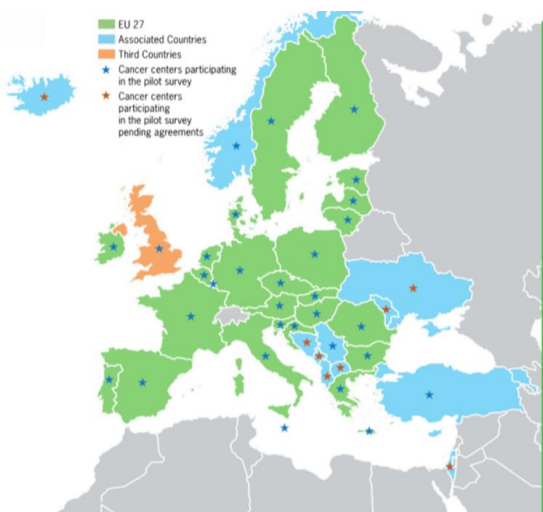
EUonQOL:measuring what matter for cancer patients

Call Topic: HORIZON-MISS-2021- CANCER-02-02

Starting date: 1 January 2023
 End date: 31 December 2026
 Duration: 48 months
 Costs: € 11,081,626.00
 EU contribution: € 10,607,311.00
 Partners: 23
 Third parties: 28



The overall goal is to be instrumental to the progress of the Mission on Cancer plan, with the specific aim of *developing, piloting, validating, and exploiting* the European Oncology Quality of Life toolkit (EUonQoL-Kit) among European cancer patients and survivors. The project will be based on participatory co-design principles through the involvement of patients and their caregivers



13 Countries

Austria
Belgium

Bulgaria
Denmark
Estonia
France

Germany
Italy

Norway
Romania
Spain
The Netherlands

United Kingdom

Coordinator

Fondazione IRCCS Istituto Nazionale dei Tumori (INT), Milan, Italy

26 Partner/Affiliated/Associated Partner

Medical University of Innsbruck (MUI)
 Digital Institute For Cancer Outcomes Research (DIGICORE)
 European Organisation for Research and Treatment of Cancer AISBL (EORTC)
 European Association of Palliative Care (EAPC)
 European Cancer Organisation (ECO)
 Organisation of European Cancer Institutes (OECI)
 Association of Cancer Patients and Friends (APOZ)
 Region Hovedstaden (RH)
 Sporedata OU (SPOREDATA)
 Institut Curie (CURIE)
 Institut Gustave Roussy (GR)
 Unicancer (UNICANCER)
 Deutsches Krebsforschungszentrum Heidelberg (DFKZ)
 Alleanza Contro il Cancro (ACC)
 Federazione Italiana delle Associazioni di Volontariato in Oncologia (FAVO)
 Istituto Europeo di Oncologia (IEO)
 Istituto Nazionale Tumori Fondazione Pascale (INT-NA)
 Istituti Fisioterapici Ospitalieri (IFO)
 Università Degli Studi di Milano (UMIL)
 Oslo Universitetssykehus HF (OUS)
 Asociatiilor Bolnavilor de Cancer (FABC)
 Fundacio Institut Mar d'Investigacions Mediques (IMIM)
 Stichting Het Nederlands Kanker Instituut-Anton (NKI)
 Stichting Nederlands Instituut voor Onderzoek Van De Gezondheidszorg (NIVEL)
 University of Leeds (UNIVLEEDS)
 Leeds Teaching Hospital Trust's (LTHT)

A few reflections

- Effect of the Strategic Research Plan
- Presence of a research continuum in INT
- Critical mass and quality of researchers
- Presence at many European 'tables' and Committees
- Strengthening of the internal INT&OECD Grant Office
- Acquisition of external support Company
- Impact (negative) on administrative INT offices
- Weak coordination at Italian level