Infoday Cancer Mission WP2021

EU MISSIONS

CANCER

Concrete solutions for our greatest challenges

#EUmissions #HorizonEU #MissionCancer
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>14:00</td>
<td>Welcome &amp; introduction</td>
<td>Barbara KERSTIËNS</td>
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<td>14:05</td>
<td>Slido polls</td>
<td>Barbara KERSTIËNS</td>
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<td></td>
<td>In which country are you or is your organisation based?</td>
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<td>What is your main field of expertise (in one word)?</td>
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<td>14:10</td>
<td>General presentation of EU Cancer Mission</td>
<td>Joanna DRAKE</td>
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<td>14:15</td>
<td>Synergies with Europe's Beating Cancer Plan</td>
<td>John F. RYAN</td>
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<td>14:20</td>
<td>Short Q&amp;A session</td>
<td>Barbara KERSTIËNS</td>
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<td>14:25</td>
<td>Slido polls</td>
<td>Barbara KERSTIËNS</td>
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<td>Which call topics are you most interested in?</td>
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<td>Which other areas do you think should be funded under the Cancer Mission in the future?</td>
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<td>14:35</td>
<td>Presentation of Mission WP 2021-2022</td>
<td>Jan-Willem VAN DE LOO</td>
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<td>14:50</td>
<td>Introduction to European Health and Digital Executive Agency (HaDEA)</td>
<td>Monika LANZENBERGER</td>
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<td>14:55</td>
<td>Q&amp;A session on Mission WP2021-2022</td>
<td>Barbara KERSTIËNS</td>
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<td>15:25</td>
<td>Closing remarks</td>
<td>Barbara KERSTIËNS</td>
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- Please, when asking questions via the chat identify your organisation
- We will use Sli.Do => code: #MISSIONSINFODAY
The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme implementing HORIZON EUROPE & EURATOM.

**Pillar I** EXCELLENT SCIENCE
- European Research Council
- Marie Skłodowska-Curie
- Research Infrastructures

**Pillar II** - €53.5 billion GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS
- Health – €8.25 billion
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

**Pillar III** INNOVATIVE EUROPE
- European Innovation Council
- European Innovation Ecosystems
- European Institute of Innovation & Technology*

**WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA**
- Widening participation & spreading excellence
- Reforming & Enhancing the European R&I system

* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

**EURATOM**
- Fusion
- Fission
- Joint Research Center (JRC)
**Mission on Cancer**

**GOAL**

Improve the lives of more than 3 million people by 2030, through prevention, cure and for those affected by cancer including their families, to live longer and better, jointly with the Europe’s Beating Cancer Plan.

**Challenges**

- **2.7 million people** in the EU are diagnosed each year.
- **1.3 million people die** from cancer each year (this no. will increase).
- **Total cost of cancer** in Europe in 2018: €199 billion.

**Four Mission objectives**

1. Understanding cancer
2. Prevention & early detection
3. Diagnosis and treatment
4. Quality of life

**Concrete actions**

- Horizon Europe to provide €378.2 million (2021-23)
- A strategic R&I agenda & governance
- UNCAN.eu platform (2023)
- Cancer Patient Digital Centre (2023)
- Network of Comprehensive Cancer Infrastructures (2025)

A mission is a portfolio of actions across disciplines intended to achieve a **bold, inspirational and measurable goal** within a set timeframe, with **impact** for society and policy making as well as relevance for a significant part of the European population and wide range of European citizens.
Horizon Europe mission WP2021 topics

Overall approach

- Apply mission guiding principles
- Underpinning and synergising with Cancer Plan actions
- Total budget 2021: ~125 M

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

Preparing UNCAN.eu, a European initiative to understand cancer closed
HORIZON-MISS-2021-UNCAN-01-01

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

Procurement actions to support the Cancer Mission
HORIZON-MISS-2021-PP-02

* (published 15/12/21)
Cancer Mission WP2021 topics

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

Closure: 26.04.2022; Indicative call budget: 60M€; Project size: 4 - 15M€; R&I actions

Aim: Develop and validate (TRL4) non-invasive, or minimally invasive cancer screening and detection methodologies for everyday medical practice and population-based screening programmes, including enhanced participation of the target population.

Expected outcomes:

- Healthy citizens and cancer patients will benefit from faster, earlier, more precise, personalised, accessible and affordable screening and early detection of cancer.
- Health care professionals will be able to deliver earlier, faster, more precise screening and early detection of cancer.
- Health policy makers will have the evidence to review population-based screening programmes and screening and early detection methodologies in everyday medical practice, and to include new, evidence-based screening and early detection methods, technologies and solutions.
Cancer Mission WP2021 topics

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

Closure: **26.04.2022**; Indicative call budget: 11 M€; Project size: 11 M€; R&I actions

**AIM:** Develop a framework of newly defined, harmonised and systematic surveys. To be launched across all countries and reviewed with researchers, care providers, health insurance companies, industry as well as policy makers so that more timely, supportive and affordable care can be provided and relevant policy measures can be taken. **NB duration is up to 2 years**

**Expected outcomes:**

- Cancer patients, survivors and caregivers will benefit from enhanced quality of life, more effective and less burdensome treatments with better supportive care and counselling approaches.

- Health care professionals, supportive workers, counsellors and industry will be better aware of the (unmet) needs……

- Regulators and institutions will have a set of metrics, which they can include in decision making…. 

- Health Policy Makers will have a set of metrics at their disposal, which they can include in their health information…. systems.

- Labour market and social protection policy makers will benefit from additional evidence to consider………
Cancer Mission WP2021 topics

HORIZON-MISS-2021-CANCER-02-03: Better understanding of the impact of risk factors and health determinants on the development and progression of cancer

Closure: 26.04.2022; Indicative call budget: 56.65M€; Project size: 4 - 15M€; R&I actions

**AIM:** Boost better understanding of cancer, new dimension and level of investment in innovative research, including high-potential, potentially disruptive and high-risk projects.

**Expected outcomes:**

- Researchers and health professionals will understand which risk factors and determinants spur the development and progression of cancer and how......

- Researchers and innovators from different disciplines and sectors will support the development of the UNCAN.eu platform by producing, integrating and correlating comprehensive data from multiple sources (ensuring accessibility and re-usability of data, models and tools created).

- Health Policy Makers use the improved understanding of risk factors and determinants in the design of cancer-related health policies....
Cancer Mission WP2021 – to note on implementation

• Proposals will be evaluated on scientific merits - see evaluation (sub)criteria;

• Applicants are expected to liaise with other EU-funded initiatives whenever relevant;

• Applicants should budget for networking activities; details to be added during grant preparation;

• During the grant agreement preparation, the Commission will explain and facilitate this.

Due consideration should also be given to other relevant EU-funded initiatives …

Furthermore, all projects funded under this topic are strongly encouraged to participate in networking and joint activities with other ongoing projects under the mission on cancer and other cancer relevant projects, as appropriate …

The Commission may facilitate Mission-specific coordination through future actions. Therefore, proposals should include a budget for the attendance to regular joint meetings and may consider covering the costs of any other potential joint activities without the prerequisite to detail concrete joint activities at this stage …

The funded actions should build upon resources made available by the Knowledge Centre on Cancer, and complement actions under the future Innovative Health Initiative, EIT Health Knowledge Innovation Community initiatives, and the Digital Europe programme (Cancer Imaging 9 Initiative, Genomics)
Reference documents

- **EU Mission on Cancer**
- Horizon Europe rules apply (participation of UK, Associated/Third countries, etc.)
- Read the implementation plan before applying:
  - Commission Communication with Implementation plan (29 September 2021)
  - Horizon Europe mission work programme 2021-2022 with calls for proposals (June 2021, updated 15 December 2021)

- Apply to cancer mission calls for proposals via the Funding and Tenders Portal

- First, contact your national contact point, then contact RTD-SANTE-CANCER-MISSION@ec.europa.eu
What is HaDEA?

- The European Health and Digital Executive Agency (HaDEA) is a new executive agency established by the EC, operational since 1 April 2021.
- Executive agencies are set up and supported by the EC to manage funding programmes on its behalf.
- HaDEA implements specific funding programmes related to health, digital, food safety, industry and space.
- The total budget managed by HaDEA >€20 billion over 2021-2027.
Overview

• Works closely with various departments of the European Commission which focus on legislative and strategic tasks in policymaking, i.e.
  • DG for Health and Food Safety (DG SANTE) - lead
  • DG for Research & Innovation (DG RTD)
  • DG for Communications Networks, Content and Technology (CNECT)
  • DG for Internal Market, Industry, Entrepreneurship and SMEs (GROW)
  • DG for Defence, Industry and Space (DEFIS)

• HaDEA manages 6 new European programmes for the Commission (2021-27).
• HaDEA also manages the “legacy” programmes – such as Horizon 2020
## European Commission

### Defines policy
- Defines strategy, objectives and priority areas/work programmes
- Makes programme decisions
- Selects projects for (co-)funding
- Evaluates the programme implementation and the Agency’s performance

## HaDEA

### Turns policy into action
- Manages the project lifecycle:
  - Organises calls for proposals and external evaluations
  - Monitors the implementation of projects
- Supports communication activities (Info Days, publications, etc.)
- Provides feedback to policy making
HaDEA will implement the following programmes (with indicative budgets):

- **EU4Health** programme: €4.7 billion;
- **Single Market Programme - Food safety**: €1.3 billion
- **Horizon Europe (HE) - Health** cluster: €4.8 billion
- **Horizon Europe - Digital, Industry & Space** cluster: €5.6 billion
- **Digital Europe Programme**: €0.8 billion
- **Connecting Europe Facility**: €1.7 billion

+ **Next Generation EU fund**: €1.6 billion (2021–2023)
  - Horizon Europe – Health: €1.1 billion
  - Horizon Europe – Digital, Industry & Space: €456 million
Main activities for Health Research

Implementing Horizon Europe - Health cluster:

• COVID19 - HERA Incubator call: €90m – CLOSED – 9 proposals selected
• 2021 calls: €894m (25 topics) – CLOSED – evaluation ongoing, results end-January, ~95 projects to be shortlisted.
• Cancer Mission 2021 call: €125m (3 topics) – OPEN closing date 26 Apr. 2022
• 2022 calls: €861m – OPEN – 24 topics
  • Two stage calls: 1st closing date 1 Feb. 2022, 2nd closing date 6 Sept. 2022
  • Single stage calls: closing date 21 Apr. 2022

Implementing Horizon 2020 Societal challenge 1 - “Health”

• >500 ongoing projects
How to get involved

Participation in consortia for collaborative research projects:

• **Register as a participant** on “Funding & tender opportunities” portal
  https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/participant-register

• **Use Partner search facility** on “Funding & tender opportunities” portal
  https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/partner-search

• **National Contact Points**
  https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/ncp

Participation in evaluations and reviews:

• **Register as an independent expert** on “Funding & tender opportunities” portal
  https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/work-as-an-expert