

Horizon Europe Health - Overview

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What is a National Contact Point (NCP)?

Provide free support to participants to Horizon Europe in [Lithuania](#), the [UK](#) & [EU countries and beyond](#)
NCP services vary in each country/sector, but typically include:



Informing, awareness raising – on Horizon Europe and other EU programmes



Assisting, advising and training – to improve the quality of Horizon Europe proposals



Signposting and cooperation – direct to relevant support and work with each other to support consortium development



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Intro to Horizon Europe



Innovate
UK



Medical
Research
Council

Slides happily shared!

HORIZON EUROPE

THE NEXT EU RESEARCH & INNOVATION
PROGRAMME (2021 – 2027)

European Framework Programmes

- EU research and innovation funding programmes (FPs)
- Began in 1984 and each lasts for 7 years

Horizon 2020 ran from 2014 until 2020

- The previous Framework Programme (FP) with a total budget of €80 billion.

Horizon Europe will run 2021 to 2027

- The 9th FP and successor to Horizon 2020 with a **€95.5 billion budget**
- The Work Programmes for 2021-2022 contains the call topics



The UK and EU have agreed that the UK will Associate to Horizon Europe



UK 'Association' means continued UK participation

- The UK has agreed to associate to Horizon Europe
- UK entities will have **equivalent participation rights** to those from Member States*
 - **Only two very rare** exceptions:
 - The equity fund part of the European Innovation Council (EIC) Accelerator, as the UK decided not to take part in this
(the UK can still take part in the rest of the EIC including the grants part of the EIC Accelerator)
 - Work Programme level exclusions only in exceptional and justifiable cases (e.g. some Defence & Security)
- UK entities **can lead projects as coordinator**
- **UK experts** can continue to take part in peer review (register as an expert [here](#))
- The UK can also still participate in the **governance** of Horizon Europe (e.g. Programme Committees)

UK ‘Association’ means continued UK participation

EU confirmation of UK participation

[European Commission Q&A on the UK’s Participation in Horizon Europe](#)

“The UK is expected to become an associated country to...Horizon Europe.”

“The UK will have the same rights and obligations as other countries associated to the Programme”

“The association will enter into force through the formal adoption of a Protocol that is already agreed in principle. No additional negotiations are foreseen.”

“UK entities...can participate in the first calls for proposals of Horizon Europe as soon as they are published”

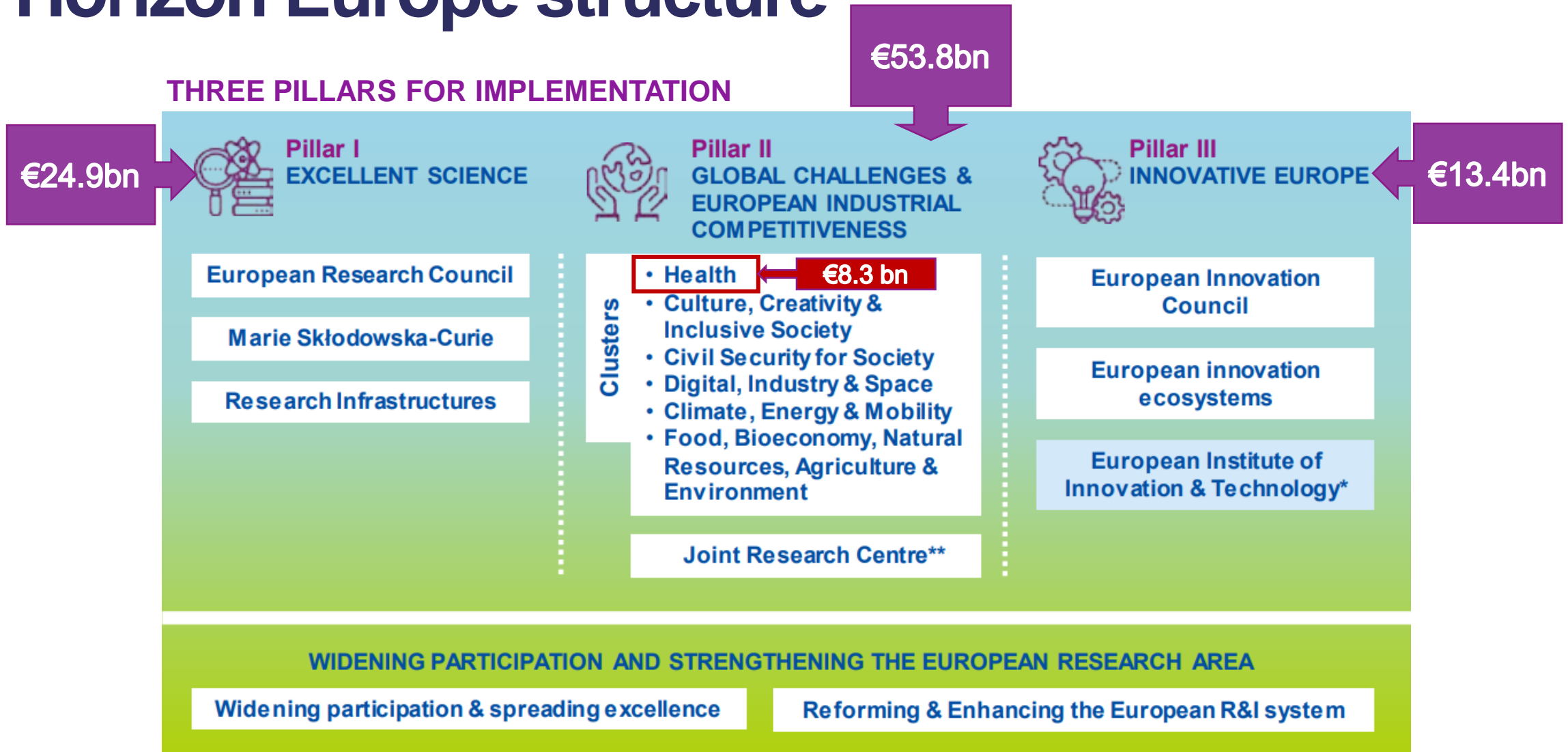
“UK applicants are treated as if the UK is an associated country throughout the process, from admissibility and eligibility to evaluation, up until the preparation of grant agreements”

“UK entities are eligible for funding at the same rates and under the same conditions”

“They can lead project consortia”

The ‘Associated Countries’ concept is not new: [Horizon Europe Associated Countries](#)

Horizon Europe structure



- **€95.5bn** total funding agreed for **2021-2027**
- Budget figures **exclude** UK and other Associate Country contributions so will be higher
- [Latest info](#) on which countries have associated, or are in the process of associating.
- Other countries (Canada, Japan, Australia, New Zealand etc) are potentially interested (tbc)

Horizon Europe Health Cluster





Staying healthy in a rapidly changing society

- Diet and health (obesity)
- Ageing and demographic change
- Mental health
- Digital empowerment in health literacy
- Personalised prevention
- AI to predict disease risk



Living and working in a health-promoting environment

- Environmental, occupational and socio-economic risk factors to health, e.g.
- indoor & outdoor air pollution, chemicals, non-ionizing radiation (EMFs)
 - urbanisation, climate and other environmental changes
 - socio-economic inequalities, working environments



Tackling diseases and reducing disease burden

- Better diagnostics, personalised treatment
- New and advanced therapies for NCDs
- Scientific evidence, policy, legal frameworks
- Innovative health technologies
- Understanding diseases
- Infectious disease threats



Ensuring access to innovative, sustainable and high-quality health care

- Fair access to high quality, sustainable healthcare for all citizens
- Innovative, feasible, implementable, financially sound scalable solutions (for governance, financing, human and physical resources, health service provision and patient empowerment)



Unlocking the full potential of new tools, technologies and digital solutions for a healthy society

- Tools, technologies and digital solutions for medical devices and improved health
- considering safety, effectiveness, appropriateness, accessibility,
 - comparative value-added and fiscal sustainability, as well as
 - ethical, legal and regulatory issues



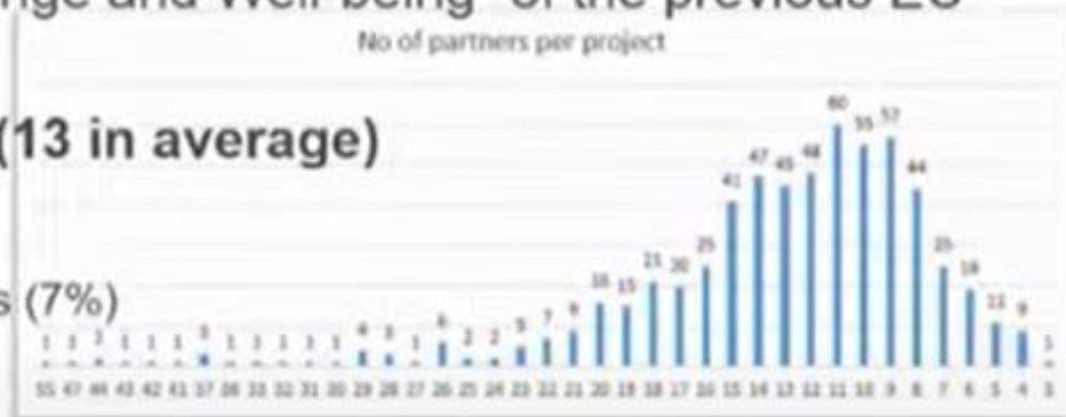
Maintaining an innovative, sustainable and globally competitive health industry

- Market access of innovative tech. (medical, pharmaceutical, biotech, digital)
- Novel methodologies and metrics, and support for regulatory authorities
- Safe and clinically validated tools, technologies and services
- Greener pharmaceuticals and technologies

Horizon Europe – Cluster 1 ‘Health’

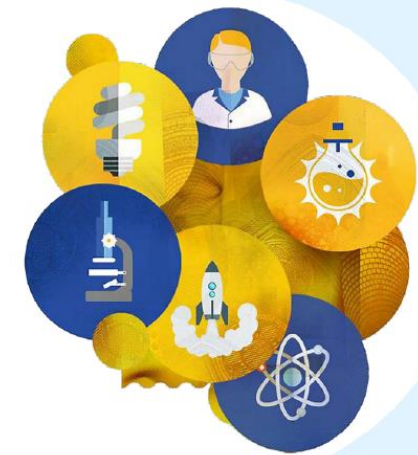
Some main ‘take aways’:

- Health cluster provides **grant-based funding mainly to collaborative research & innovation projects**, so-called RIAs (other types of funding are Coordination & Support Actions, Programme Co-fund Actions, Innovation Procurement Actions)
- Societal Challenge 1 on “Health; Demographic Change and Well-being” of the previous EU R&I programme, Horizon 2020 (2014-2020):
 - 80% of RIAs had between **7 to 18 participants (13 in average)**
 - 613 projects (RIAs) involving 8143 participants:
from EU Member States (87%), H2020 Associated Countries (7%)
other Third Countries (6%)
 - Type of organisations: Higher or Secondary Education Establishments (42%), Private for-profit entities (23%), Research Organisations (23%), Public bodies (6%), Other (6%).
- **Minimum size of consortia** to be eligible for Horizon Europe: at least {1 MS + 2 MS/AC}
- Participation is “open to the world”
- **EU funding is restricted** to entities from EU MS, AC (e.g. NO, IS), some Third Countries (e.g. LMI



Cancer Mission

(within Horizon Europe)



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Mission on Cancer

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

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**

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.

Cancer Mission WP2021 Open Call Topics

Deadline: **26.04.2022**

Reference	Title	Action	M€ Budget	Project size M€
HORIZON-MISS-2021-CANCER-02-01	Develop new methods and technologies for cancer screening and early detection	RIA	60	4 - 15
HORIZON-MISS-2021-CANCER-02-02	Develop and validate a set of quality of life and patient preference measures for cancer patients and survivors	RIA	11	11
HORIZON-MISS-2021-CANCER-02-03	Better understanding of the impact of risk factors and health determinants on the development and progression of cancer	RIA	56.65	4 - 15

Thank you

+ Extra Slide with Cancer Mission Links

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Reference documents

Horizon Europe rules apply

- The [European Commission Q&A on the UK's Participation in Horizon Europe](#) (updated Dec 2021) includes *"The UK is expected to become an associated country to...Horizon Europe. The UK will therefore have the same rights and obligations as other countries associated to the Programme."*
*"The association will enter into force through the formal adoption of a Protocol that is already agreed in principle. **No additional negotiations are foreseen.**"*
"UK applicants are treated as if the UK is an associated country throughout the process, from admissibility and eligibility to evaluation, up until the preparation of grant agreements." However, grant agreements can only be signed if the association has come into force. The same treatment is also granted to any applicants from other associated countries currently engaged with the European Commission in an active process of association."

Read the reference documents before applying:

- [European Commission Communication](#) with [Implementation Plan](#) (29 Sept 2021)
- [Horizon Europe 2021-2022 Mission Work Programme](#), includes 2021 Calls for Proposals (updated 15 Dec 21)
- The Work Programme is expected to be updated with 2022 topics in Spring 2022
- [Cancer Mission webpage](#)
- [EU Beating Cancer Plan](#)

Apply to Cancer Mission calls on the Funding and Tenders Portal: [Forthcoming & Open Cancer Mission Calls](#)

Questions? Contact your [National Contact Point](#) then RTD-SANTE-CANCER-MISSION@ec.europa.eu