

Introduction to Horizon Europe and continued UK participation

Slides happily shared!

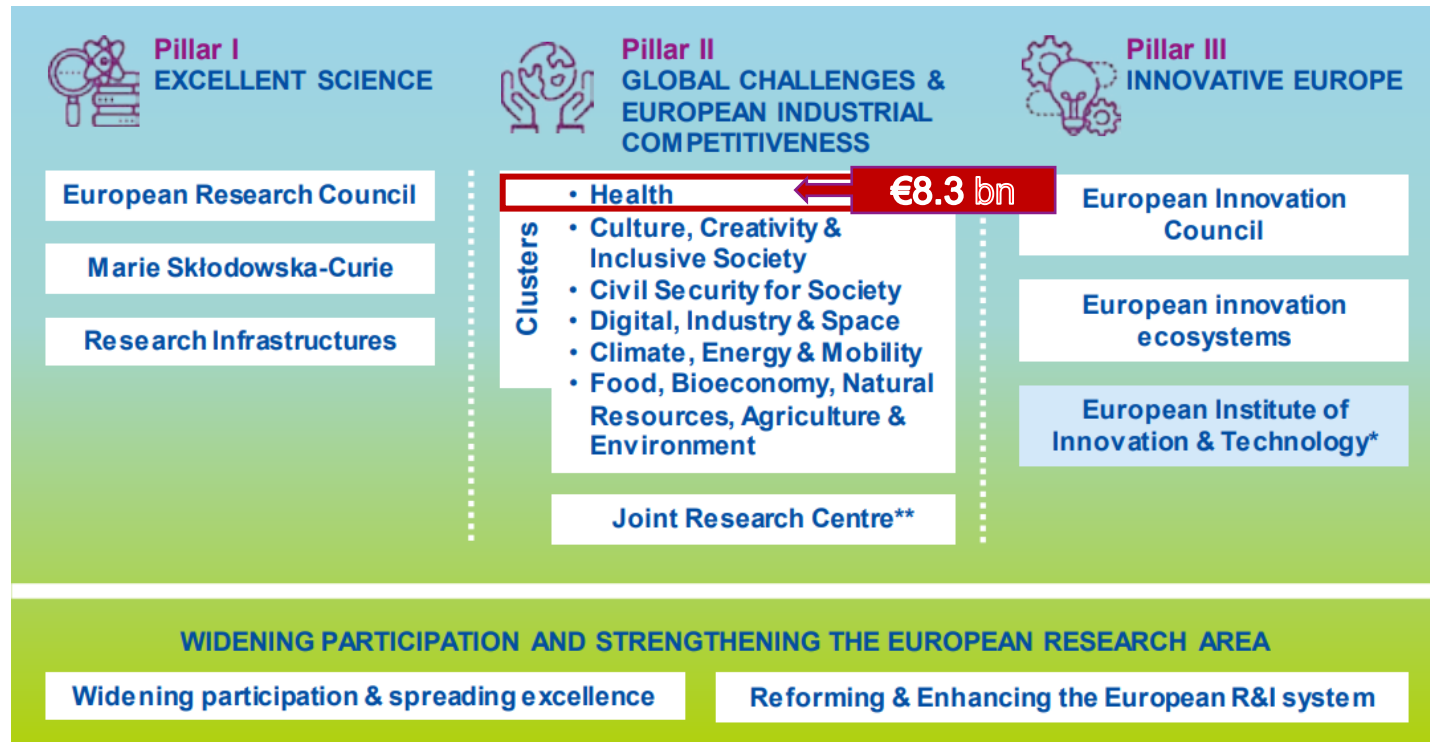


HORIZON EUROPE

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

Horizon Europe

- Latest EU research and innovation funding programme
- Runs from 2021 to 2027 with a €95.5 billion budget



- €95.5bn total funding agreed for 2021-2027
- Budget figures **exclude** UK and other Associate Country contributions so will be higher

Why apply for EU funding?

UK historic success:

- Horizon 2020 Health Challenge
 - €5.45 billion funding awarded
 - €791 million (15%) to the UK
 - 1450 UK participations

Heat map of funding by country in Horizon 2020 (Health)
Data Source: EU Horizon Dashboard, 18 Jan 2021



Horizon Europe:

- Health Cluster: **€8.3bn** funding available
- Range of potential collaborators: EU, Associated Countries, many LMICs
- Range of opportunities: European Partnerships, Mission on Cancer

Continued UK Participation

EU confirmation of UK participation

“UK participants will have the **same rights as EU participants...**”

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

“They **can lead project consortia**”

Can UK entities take part in the first calls for proposals of Horizon Europe?

Yes. UK entities including universities, research centres, scientists, innovative businesses, industry, etc. will have full rights to participate in the first calls for proposals of Horizon Europe as soon as they are published on the [European Commission's website](#).

This is also true for calls which may be published before the adoption of the Horizon Europe Regulation, such as early COVID-19 calls or those of the European Research Council (ERC) and the European Innovation Council (EIC), apart from the EIC Fund (see below).

In duly justified exceptional cases, restrictions may apply and these will be clearly specified in the calls for proposals.

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

UK Association

- Agreed in Trade and Co-operation Agreement December 2020
- UK entities will have **equivalent participation rights** to those from Member States:
 - Only two very rare exceptions:
 - Equity fund part of the EIC Accelerator - access remains available for rest of the EIC including the grants part of the EIC Accelerator
 - Work Programme level exclusions only in exceptional and justifiable cases
- 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)

Please note: There will be no role for UK Government or UKRI in the application or grant management process

Health and Biomedical Research Funding Opportunities:

- Health Cluster
- Cancer Mission
- Other Clusters

Slides happily shared!



HORIZON EUROPE

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

Health Cluster 2021-2022 Work Programme

~€1.75 billion

- Details Health Cluster call topics [funding opportunities] for 2021-2022
- Divided into six 'destinations' [research themes]:

1.

Staying healthy in a rapidly changing society
(€289 million)

2.

Living and working in a health-promoting environment
(€350 million)

3.

Tackling diseases and reducing disease burden
(€489.5 million)

4.

Ensuring access to innovative, sustainable and high-quality healthcare
(€289 million)

5.

Unlocking the full potential of new tools, technologies and digital solutions for a healthy society
(€270 million)

6.

Maintaining an innovative, sustainable and globally competitive health related industry
(€113 million)

Health Cluster

Destination 1 - Staying healthy in a rapidly changing society

2022 funding opportunities

Call: Staying Healthy (Two stage 2022) - €170 million

Launch: 6 Oct 2021

Deadlines: 1 Feb 2022 (first stage) / 6 Sept 2022 (second stage)

HORIZON-HLTH-2022...	Topic Title	Type of Action	Overall Budget (EUR million)	Expected EU contribution per Project (EUR million)	Expected no. of Projects funded
STAYHLTH-01-01-two-stage	Boosting mental health in Europe in times of change	RIA	50	7	7
STAYHLTH-01-04-two-stage	Trustworthy artificial intelligence (AI) tools to predict the risk of chronic non-communicable diseases and/or their progression	RIA	60	6	10
STAYHLTH-01-05-two-stage	Prevention of obesity throughout the life course	RIA	60	10	6

Call: Staying Healthy (Single stage 2022) - €50 million

Launch: 6 Oct 2021

Deadline (single stage): 21 Apr 2022

HORIZON-HLTH-2022...	Topic Title	Type of Action	Overall Budget (EUR million)	Expected EU contribution per Project (EUR million)	Expected no. of Projects funded
STAYHLTH-02-01	Personalised blueprint of chronic inflammation in health-to-disease transition	RIA	50	7	7

Destination 2 - Living and working in a health-promoting environment

2022 funding opportunities

Call: **Environment and health (Single stage 2022) - €20 million**

Launch: 6 Oct 2021
Deadline (single stage): 21 Apr 2022

HORIZON-HLTH-2022...	Topic Title	Type of Action	Overall Budget (EUR million)	Expected EU contribution per Project (EUR million)	Expected no. of Projects funded
ENVHLTH-04-01	Methods for assessing health-related costs of environmental stressors	RIA	20	4	5

Health Cluster

Destination 3 - Tackling diseases and reducing disease burden

2022 funding opportunities

Call: Tackling diseases (Two stage 2022) - €160 million

Launch: 6 Oct 2021
Deadlines: 1 Feb 2022 (first stage) / 6 Sept 2022 (second stage)

HORIZON-HLTH-2022...	Topic Title	Type of Action	Overall Budget (EUR million)	Expected EU contribution per Project (EUR million)	Expected no. of Projects funded
DISEASE-06-02-two-stage	Pre-clinical development of the next generation of immunotherapies for diseases or disorders with unmet medical needs	RIA	60	6	10
DISEASE-06-03-two-stage	Vaccines 2.0 - developing the next generation of vaccines	RIA	40	8	5
DISEASE-06-04-two-stage	Development of new effective therapies for rare diseases	RIA	60	8	8

Call: Tackling diseases (Single stage 2022) - €37 million

Launch: 6 Oct 2021
Deadline (single stage): 21 April 2022

HORIZON-HLTH-2022...	Topic Title	Type of Action	Overall Budget	Expected EU cont. per Project (€ million)	Expected no. of Projects
DISEASE-07-02	Pandemic preparedness	RIA	10	3	3
DISEASE-07-03	Non-communicable diseases risk reduction in adolescence and youth	RIA	25	3	8
DISEASE-07-01	Support for the functioning of the Global Research Collaboration for Infectious Disease Preparedness (GloPID-R)	CSA	2	2	1

Call: Partnerships in Health (2022) - €30 million

Launch: 6 Oct 2021
Deadline (single stage): 21 April 2022

HORIZON-HLTH-2022...	Topic Title	Type of Action	Overall Budget	Expected EU cont. per Project (€ million)	Expected no. of Projects
DISEASE-03-01	European partnership fostering a European Research Area (ERA) for health research	COFUND	30	30	1

Health Cluster

Destination 4 - Ensuring access to innovative, sustainable and high-quality health care

2022 funding opportunities

Call: Ensuring access to innovative, sustainable and high-quality health care (Single stage 2022) - €70 million

Launch: 6 Oct 2021
Deadline (single stage): 21 April 2022

HORIZON-HLTH-2022...	Topic Title	Type of Action	Overall Budget (EUR million)	Expected EU contribution per Project (EUR million)	Expected no. of Projects funded
CARE-08-02	Pre-commercial research and innovation procurement (PCP) for building the resilience of health care systems in the context of recovery	PCP	25	5	5
CARE-08-03	Public procurement of innovative solutions (PPI) for building the resilience of health care systems in the context of recovery	PPI	15	5	3
CARE-08-04	Better economic foresight, financial planning, and procurement/contractual strategies for health systems	RIA	30	5	6

Call: Partnerships in Health (2022) - €100 million

Launch: 6 Oct 2021
Deadline (single stage): 21 April 2022

HORIZON-HLTH-2022...	Topic Title	Type of Action	Overall Budget (EUR million)	Expected EU contribution per Project (EUR million)	Expected no. of Projects funded
CARE-10-01	European partnership on transforming health and care systems	COFUND	100	100	1

Health Cluster

Destination 5 - Unlocking the full potential of new tools, technologies & digital solutions for a healthy society

2022 funding opportunities

**Call: Tools and technologies for a healthy society (Single stage 2022) –
€95 million**

Launch: 6 Oct 2021
Deadline (single stage): 21 April 2022

HORIZON-HLTH-2022...	Topic Title	Type of Action	Overall Budget (EUR million)	Expected EU contribution per Project (EUR million)	Expected no. of Projects funded
TOOL-11-01	Optimising effectiveness in patients of existing prescription drugs for major diseases (except cancer) with the use of biomarkers	RIA	60	10	6
TOOL-11-02	New methods for the effective use of real-world data and/or synthetic data in regulatory decision-making and/or in health technology assessment	RIA	35	7	5

**Call: Tools and technologies for a healthy society (Two stages 2022) –
€60 million**

Launch: 6 Oct 2021
Deadlines: 1 Feb 2022 (first stage)
6 Sept 2022 (second stage)

HORIZON-HLTH-2022...	Topic Title	Type of Action	Overall Budget (EUR million)	Expected EU contribution per Project (EUR million)	Expected no. of Projects funded
TOOL-12-01-two-stage	Computational models for new patient stratification strategies	RIA	60	6	10

Destination 6 - Maintaining an innovative, sustainable and globally competitive health industry

2022 funding opportunities

Call: A competitive health-related industry (2022) - €69 million

Launch: 6 Oct 2021?

Deadline (single stage): 21 April 2022?

HORIZON-HLTH-2022...	Topic Title	Type of Action	Overall Budget (EUR million)	Expected EU contribution per Project (EUR million)	Expected no. of Projects funded
IND-13-01	Enhancing cybersecurity of connected medical devices	RIA	20	6	3
IND-13-02	Scaling up multi-party computation, data anonymisation techniques, and synthetic data generation	RIA	30	7	4
IND-13-03	New pricing and payment models for cost-effective and affordable health innovations	RIA	15	5	3
IND-13-04	Setting up a European Smart Health Innovation Hub	CSA	2	2	1
IND-13-05	Setting up a European Electronic Health Record Exchange Format (EEHRxF) Ecosystem	CSA	2	2	1

Cancer Mission

GOAL

Improve the lives of more than 3 million people by 2030 through better prevention, cure and quality of life

ACTIONS



The Horizon Europe programme will provide **€378.2 million** in seed funding during the period 2021-23 to support the implementation of the mission;



Implement a **strategic research and innovation agenda** to better understand and treat cancer;

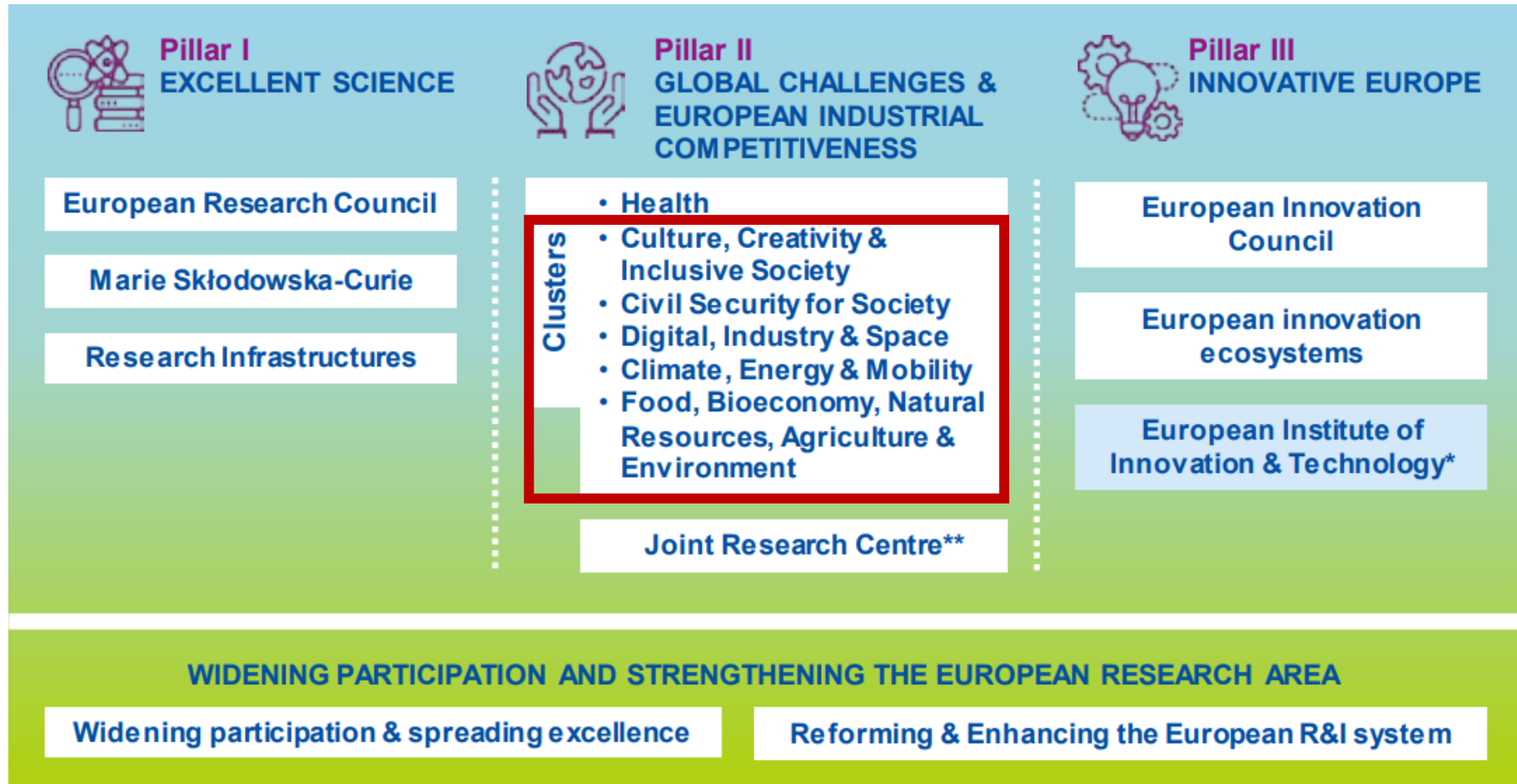


Improve the quality of life of patients and their families;



Establish high level **collaboration within the cancer community**, support a **network of Comprehensive Cancer Infrastructures**, set up the **EU platform UNDERstanding CANcer.eu (UNCAN.eu)** and create the **European Cancer Patient Digital Centre**.

Pillar II: Opportunities in other Clusters



Detailed slide set and webinar available [here](#)