

Horizon Europe: Factsheet

Cluster Health



Structure of Horizon Europe

The German National Contact Point for Health ([NKS-Gesundheit](#)) has informed on the calls for the Work Programme 2021 and 2021. The Work Programme Health will be published promptly in the [Participant Portal](#).

We select and summarize here basic information on the calls 2021-2022.

Six Destinations (goals):

The EU-Commission wants to focus on the following goals:

1. Staying healthy in a rapidly changing society
2. Living & working in a health-promoting environment
3. Tackling diseases and reducing disease burden
4. Ensuring access to innovative, sustainable and high-quality health care
5. Unlocking the full potential of new tools, technologies and digital solutions for a healthy society
6. Maintaining an innovative, sustainable and globally competitive health-related industry

Collaborative projects (mainly):

The projects funded within the Health Cluster will be, with some exceptions, mainly collaborative projects:

- at least one independent legal entity established in a Member State; AND
- at least two other independent legal entities, each established in different Member States or Associated Countries

Most relevant funding instruments:

RIA: Research and Innovation

Activities that aim primarily to establish new knowledge or to explore the feasibility of a new or improved technology, product, process, service or solution. This may include basic and applied research, technology development and integration, testing, demonstration and validation of a small-scale prototype in a laboratory or simulated environment.

→ 100 % Funding

IA: Innovation actions (IA)

Activities that aim directly to produce plans and arrangements or designs for new, altered or improved products, processes or services. These activities may include prototyping, testing, demonstrating, piloting, large-scale product validation and market replication.

→ 70% Funding (100% for Universities and non-profit organizations)

CSA: Coordination and support actions

Activities that contribute to the objectives of Horizon Europe. This excludes R&I activities, except those carried out under the ‘Widening participation and spreading excellence’ component of the programme (part of ‘Widening participation and strengthening the European Research Area’). Also eligible are bottom-up coordination actions which promote cooperation between legal entities from Member States and Associated Countries to strengthen the European Research Area, and which receive no EU co-funding for research activities.

→ 100% Funding

Expected Call Schedule:

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| • Publication of Work Programme 2021-2022: | May 2021 |
| • Calls 2021 (one stage): | Sept. 21th 2021 |
| • Calls 2022 (two stage): | Feb. 1 st 2022 & Sept. 6 th 2022 |
| • Calls 2022 (one stage): | April 21 st 2022 |

Calls within the six Destinations:

1- Staying healthy in a rapidly changing society

Year	Topic-Title	Budget (Mio. EUR) Pro Project/Total	Instrument
2021	Towards a molecular and neurobiological understanding of mental health and mental illness for the benefit of citizens and patients	10/60	RIA
2021	Healthy citizens 2.0- Supporting digital empowerment and health literacy	3/3	CSA
2022- Two stages	Boosting mental Health in Europe in times of change	7/50	RIA
2022 Two stages	Trustworthy AI Tools to predict the risk of chronic non-communicable diseases and/or their progression	6/60	RIA
2022 Two stages	Prevention of obesity through the life course	10/60	RIA
2022	Personalised blue print of chronic inflammation in health-to-disease transition	7/50	RIA

2- Living and working in a health-promoting environment

Year	Topic-Title	Budget (Mio. EUR) pro Project/Total	Instrument
2021	Exposure to electromagnetic fields (EMF) and health	8/30	RIA
2021	Indoor air quality and health	8/40	RIA
2021	Health impacts of climate change, costs and benefits of action and inaction	10/60	RIA
2022	Methods for assessing health-related costs of environmental stressors	4/20	RIA

3. Tackling diseases and reducing disease burden

Year	Topic-Title	Budget (Mio. EUR) Pro Project/Total	Instrument
2021	Improved supportive, palliative, survivorship and end-of-life care of cancer patients	6/50	RIA
2021	Building a European innovation platform for the repurposing of medicinal products	25/50	RIA
2021	Innovative approaches to enhance poverty-related diseases research in sub-Saharan Africa	8/40	RIA
2021	Clinical validation of artificial intelligence solutions for treatment and care	6/60	RIA
2021	Personalised medicine and infectious diseases: understanding the individual host response to viruses (e.g. SARS-CoV-2)	7/60	RIA
2021	A roadmap towards the creation of the European One Health antimicrobial resistance partnership (OH AMR)	1/1	CSA
2021	Building a European Research and Innovation Partnership for Pandemic Preparedness	2/2	CSA
2022	Pandemic preparedness	3/10	RIA
2022 Two stage	Pre-clinical development of the next generation immunotherapies for diseases or disorders with unmet medical need	6/60	RIA
2022 Two stage	Vaccines 2.0-developing the next generation of vaccines	8/40	RIA
2022 Two stage	Development of new effective therapies for rare diseases	8/60	RIA
2022	Non-communicable diseases risk reduction in adolescence and youth	3/25	RIA

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

Year	Topic-Title	Budget (Mio. EUR) pro Project/Total	Instrument
2021	Enhancing quality of care and patient safety	5/25	RIA
2021	Data-driven decision-support tools for better health and care delivery and policy-making with a focus on cancer	10/40	RIA
2021	Better financing models for health systems	5/30	RIA

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

Year	Topic-Title	Budget (Mio. EUR) pro Project/Total	Instrument
2021	Smart medical devices and their surgical implantation for use in resource constrained settings	6/25	IA
2021	Next generation advanced therapies to treat highly prevalent and high burden diseases with unmet need	6/60	RIA
2021	Innovative tools for use and re-use of health data (in particular electronic health records and/or patient registries)	8/30	RIA
2022	Optimising effectiveness in patients of existing prescription drugs for major diseases (except cancer), with the use of biomarkers	10/60	RIA
2022	New methods for the effective use of real-world data and/or synthetic data in regulatory decision-making and/or in health technology assessment	7/35	RIA
2022 Two stage	Computational models for new patient stratifications strategies	6/60	RIA

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

Year	Topic-Title	Budget (Mio. EUR) Pro Project/Total	Instrument
2021	Green pharmaceuticals	8/40	RIA
2021	Development procurement and responsible management of new antimicrobials	2/2	CSA
2021	Promoting a trusted mHealth label in Europe: uptake of Technical specifications for "Quality and Reliability of Health and Wellness Apps"	2/2	CSA
2022	Enhancing Cybersecurity of connected Medical Devices	6/20	RIA
2022	Scaling up multi-party computation, data anonymization techniques and synthetic data generation	7/30	RIA
2022	New payment models for cost-effective and affordable health innovation/new models of pricing	5/15	RIA
2022	Setting up a "European Smart Health Innovation Hub"	2/2	CSA
2022	Setting up a European Electronic Health Record Exchange Format Ecosystem	2/2	CSA