



MINISTÈRE
DE L'ENSEIGNEMENT
SUPÉRIEUR,
DE LA RECHERCHE
ET DE L'INNOVATION

*Liberté
Égalité
Fraternité*



Horizon Europe: focus on Health



- To inform, encourage, support, raise awareness, advise (funding opportunities, participation, adequacy of projects/calls)
- To train (i.e. Dashboard, networking, ethics, etc.)
- To orient (towards funding sources in health and other clusters)

Virginie Sivan, MESRI

Coordination and representation at the health Programme Committee



Members of NCP Health :

Sophie Decamps



Vania Rosas-Magallanes



Catherine Tostain-Desmares



Horizon Europe briefly

9th research and innovation framework programme : 2021-2027

« *The most ambitious R&I funding programme ever undertaken* »

- Budget : 95,5 Md€
- Continuity with Horizon 2020: « *an evolution, not a revolution* »



Lessons Learned

from Horizon 2020 Interim Evaluation



Support breakthrough innovation



Create more impact through mission-orientation and citizens' involvement



Rationalise partnerships' landscape



Reinforce openness



Strengthen international cooperation



Encourage participation



Key Novelties

in Horizon Europe

European Innovation Council

EU Missions

New approach to partnerships

Open science policy

Extended association possibilities

Spreading Excellence



Health in Horizon Europe

13,6 Md€

53,5 Md €

25 Md €



Pillar 1 Excellent Science

European Research Council

Marie Skłodowska-Curie
Actions

Research Infrastructures



Pillar 2 Global Challenges and European Industrial Competitiveness

- Clusters
- Health **8,24Md€**
 - Culture, Creativity and Inclusive Society
 - Civil Security for Society
 - Digital, Industry and Space
 - Climate, Energy and Mobility
 - Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre



Pillar 3 Innovative Europe

European Innovation Council

European innovation
ecosystems

European Institute of
Innovation
and Technology

Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system

3,4 Md €

Strategic Planification 2021-2024

Legal basis

6 domaines d'intervention

2021-2027



Santé tout au long de la vie



Déterminants environnementaux et sociaux en matière de santé



Maladies non transmissibles et rares



Maladies infectieuses



Outils, technologies et solutions numériques pour la santé et les soins de santé



Systèmes de soins de santé



European

Strategic Planification

2021-2024*

- EU policy priorities (Focus on green and digital transition)
- Key Strategic Orientations for R&I
- Expected impacts



**Work Programme
Health 2021/2022**



Health partnerships



Cancer Mission



Work programme 2022

Who can participate in Horizon Europe

- **Types of funding actions**

- Recherche and Innovation Actions (RIA)
- Innovation Actions (IA)
- Coordinated and support actions Action de soutien et de coordination (CSA)
- Procurement cost for groups of procurers to buy the research and validation (PCP) and deployment (PPI)

- **Eligibility**

Minimum 3 independent legal entities within a member state or different associated country, **at least one established in a EU Member State**

- **Conditions**

Every legal entity can participate

- **Eligible countries for funding**

- EU Member States with their outermost regions and Overseas Countries and Territories
- Horizon Europe Associated Countries / **Low and middle income countries**/ countries specified in the calls
- USA (for the Health cluster)

- **Funding rate (RIA, IA, CSA)**

100% direct costs, except for enterprises on IA funded at 70%

Budget and calendar

- **Work programme 2022** <https://www.horizon-europe.gouv.fr/publication-du-programme-de-travail-du-cluster-1-sante-27725>

○ **Budget 2021-2022** **1,86 Md€**  **45 topics**

○ **Budget per project** 6 à 10 M€

○ **Calls 2022 for collaborative projects**

Single stage: **21 avril 2022**

Two-stages: **1^{er} février 2022 et 6 septembre 2022**

	2021	2022
RIA	14	17
IA	1	
PCP/PPI		2
CSA	8	3

1. Staying healthy in a rapidly changing society (3 topics on two stages **on mental health, AI tools to predict the risk for chronic non-communicable diseases and obesity**)
2. Living and working in a health-promoting environment (1 topic, single stage, **health-related costs to environmental stressors**)
3. Tackling diseases and reducing disease burden (3 topics, two stages on **immunotherapies for diseases** or disorders excl cancer and RD, vaccines, **therapies for rare diseases**; 1 topic, single stage on **NCD risk reduction** for young people)
4. Ensuring access to innovative, sustainable and high-quality health care (2 calls on Pre-commercial and public procurement for **resilience of health and care systems** (PCP and PPI single stage and 1 topic of **better financial planning for health systems**)
5. Unlocking the full potential of new tools, technologies and digital solutions for a healthy society (2 single stage topics on **optimising effectiveness in patients of existing prescription drugs for major diseases** and **synthetic data in regulatory decision-making**; one call two-stage on **patient stratification strategies**)
6. Maintaining an innovative, sustainable and globally competitive health-related industry (3 calls single stage on **cibersecurity of medical devices, data and anonymization techniques, cost-effective models for health innovation**, and 2 CSA on Health Innovation Hub and Health Record Exchange Format Ecosystem)



Partnerships and missions

Health European Partnerships: 9

Institutionalised



innovative
medicines
initiative



-Innovative Health Initiative (IHI): 2021



EDCTP



-EU-Africa Global Health (GHP): 2021

Co-funded/co-programmed



science and policy
for a healthy future



ERANETs: ENM, CVD, HDHL



To Reach, AAL, JPI MYBL



ERA PerMed IC PerMed

INTERNATIONAL CONSORTIUM



ne
HEALTH EJP



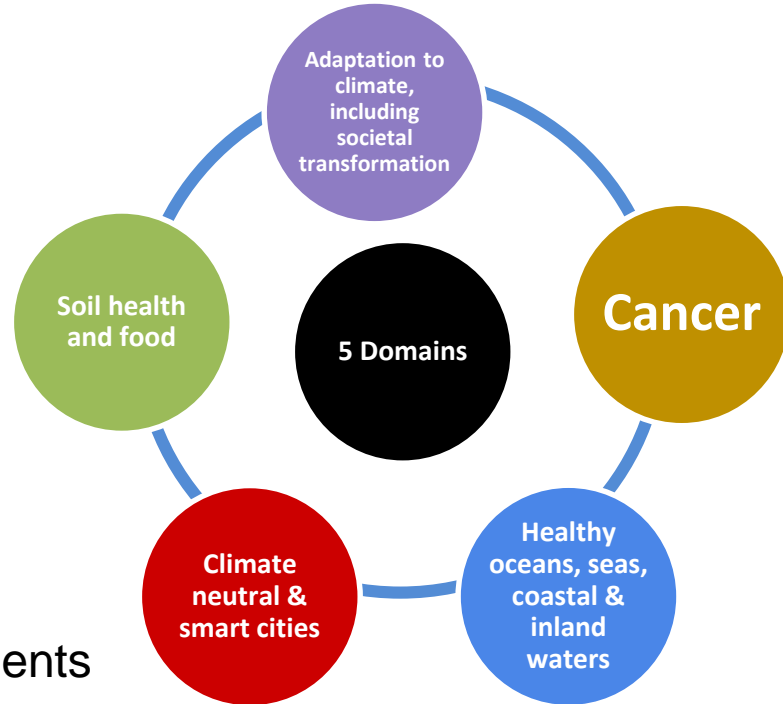
Partnerships	WP	Launch
European partnership on Assessment of Risk of Chemicals (PARC)	2021	2022
European partnership fostering an ERA for health	2021	2022
European partnership on transforming health and care systems	2022	2023
Pandemic preparedness partnership	2022	2023
European partnership on personalised medicine	2023	2023
European partnership on rare diseases	2023	2024
European partnership on One Health antimicrobial resistance (AMR)	2023/24	2024/25

Novelty: Missions in Horizon Europe

EU Missions are a new way to bring concrete solutions to some of our greatest challenges. They have ambitious goals and will deliver concrete results by 2030. Each mission will operate as a portfolio of actions – such as research projects, policy measures or even legislative initiatives - to **achieve a measurable goal that could not be achieved through individual actions.**

- co-conception (citoyens, acteurs locaux..)
- Transversalité (entre disciplines /différents secteurs)

➔ Project portfolio through different funding instruments (WP mission, other programmes HE, national programmes)



« Conquering cancer : mission possible »

Targets **by 2030**: more than 3 million lives saved, living longer and better, achieve a thorough understanding of cancer, prevent what is preventable, optimise diagnosis and treatment, support the quality of life of all people exposed to cancer, and ensure equitable access to the above across Europe.

Proposition mission board

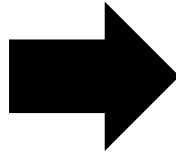
Goal:

“By 2030, more than 3 million lives saved, living longer and better”

Five intervention areas:

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

13 recommendations for bold actions



Work programme 2022 (draft on discussion and publication end 2021)

-HORIZON-MISS-2021-CANCER-02-01: Develop new methods and technologies for **screening and early detection** : budget total 60M€ (4 à 15 M€/projet)

-HORIZON-MISS-2021-CANCER-02-02: Develop and validate a set of **quality of life** and patient preference measures for cancer patients and survivors: budget total 11M€ (11 M€/projet)

-HORIZON-MISS-2021-CANCER-02-03: **Better understand healthy versus cancer cells** at the individual or population level through large-scale integration of research, health and non-health data (the UNCAN.eu concept): budget total 54,65M€ (4 à 15 M€/projet)



Take home messages

ANR: Call MRSEI 2021

Montage de Réseaux Scientifiques Européens ou Internationaux

The aims of this call is to give **French researchers** easier access to European programmes (Horizon Europe) and other international calls

Funding specifically intended for the preparation and submission of a collaborative project in response to a large-scale European or international call for proposals with major scientific, technological or societal impacts.

Selected projects will receive 30 k€ funding over 24-months period

Eligible costs:

- communication, organisation and animation meetings, workshops, symposia
- subcontracting (max 10 000€) to support the coordinator on the mounting and planning of the project.

Deadline: 22 of October 2021

More information :

<https://anr.fr/en/call-for-proposals-details/call/call-of-proposals-setting-up-european-orand-international-scientific-networks-mrsei-2021/>

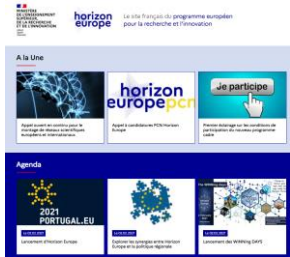


Take home messages

<https://www.horizon-europe.gouv.fr/cluster-1-sante>

Deadlines 2022: Single stage: 21 avril 2022

Two-stages: 1^{er} février 2022 et 6 septembre 2022



<https://www.horizon-europe.gouv.fr/infoday-europeen-du-cluster-sante-appels-2022-28226>

<https://www.horizon-europe.gouv.fr/cluster-sante-horizon-europe-brokerage-event-appels-2022-28229>

<https://www.youtube.com/c/EUScienceInnovation/videos>

- **Contact your Grants Office Europe**
- **Contact the Health NCPs:** <https://www.horizon-europe.gouv.fr/contactez-les-pcn>

