

Cycle de présentation des appels à projets
du programme de travail santé 2025

**Les appels à projets des DESTINATION 1,
DESTINATION 2 et DESTINATION 4**

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Horizon Europe et le Cluster Santé

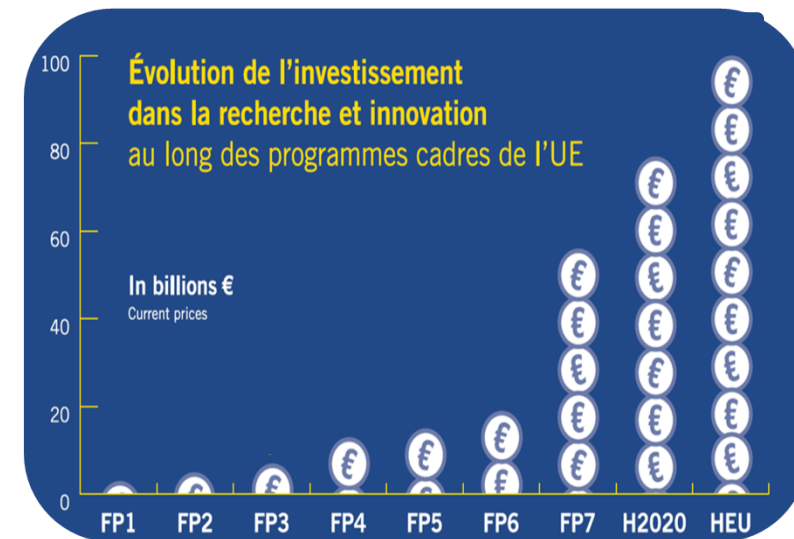
Horizon Europe en bref



9^e Programme Cadre de Recherche et Innovation: 2021-2027

Il facilite la collaboration et renforce l'impact de la recherche et de l'innovation et favorise la **création et la diffusion plus large de l'excellence scientifique, des connaissances et des technologies d'excellence.**

- **Durée du programme : 2021-2027**
- **Budget Total : 95.5 milliards d'euros**
- **Catégories thématiques : Recherche et innovation (R&I)**



La santé dans Horizon Europe

25 Md €

53,5 Md €

13,6 Md€

Pilier 1

Science d'excellence

Conseil européen de la recherche

Actions Marie Skłodowska-Curie

Infrastructures de recherche

Pilier 2

Problématiques mondiales et compétitivité industrielle et européenne

Santé

8,24Md€

Culture, créativité et société inclusive

Sécurité civile pour la société

Numérique, industrie et espace

Climat, énergie et mobilité

Alimentation, bioéconomie, ressources naturelles, agriculture et environnement

Centre commun de recherche

Pilier 3

Europe plus innovante

Conseil européen de l'innovation

Écosystèmes européens d'innovation

Institut européen d'innovation et de technologie

Élargir la participation et renforcer l'espace européen de la recherche

3,4 Md €

Élargir la participation et développer l'excellence

Réformer et consolider le système européen de R&I

Conditions de participation

Projets collaboratifs

✓ Qu'est-ce qu'un projet collaboratif ?

Consortium de partenaires réunis pour mener à bien un projet collaboratif et **multidisciplinaire** de recherche et développement, avec un **impact à la fois sociétal** au bénéfice du citoyen (et des patients) et **économique sur les systèmes de santé**.

✓ Financement d'un consortium

- ✓ **Coordinateur** : seul interlocuteur de la CE, assure le bon déroulé du projet et de ses livrables, et l'interaction entre les partenaires.
- ✓ **Partenaire (Bénéficiaire)** : responsable d'une activité ou d'un *work-package*



5 à 20
partenaires



Budget projet
3 à 17 M€



4 à 5 ans



Ticket moyen/taille du
consortium/activités

Types d'action financées

- ✓ **RIA - Research and Innovation Actions** - Recherche fondamentale et appliquée, développement et l'intégration de technologie, essais et validation d'un prototype à petite échelle dans un laboratoire ou un environnement simulé

Taux de financement 100%

- ✓ **IA - Innovation Actions** - Prototypage, essais, démonstration ou pilotes, validation du produit à grande échelle, première commercialisation. Les projets peuvent inclure des activités limitées de recherche et de développement

**Taux de financement:
100% pour les entités publiques - 70% pour les entités privées**

- ✓ **CSA - Coordination and Support Actions** - études de design pour de nouvelles infrastructures, activités complémentaires de planning stratégique, mise en réseau et la coordination entre programmes dans différents pays

Taux de financement 100%

Vous pouvez financer :

Les coûts directs (en lien direct avec le projet) :

- Coûts de personnel , permanent et non permanent
- *Sous-traitance*
- Coûts autres - déplacements, missions
- Équipements (amortissement)
- Autres biens, travaux et services: consommables, ...
- Autres catégories de coûts

+ Les coûts indirects : taux forfaitaire de 25% des coûts directs (sauf la sous-traitance, *les volontaires, le support financier à des tiers, les coûts unitaires spécifiques*)

Appels à projets 2025 – Santé 1/2/4

Structure d'un appel à projets

Destination n°X : Titre de la destination

Objectif de la destination : Description de la destination avec un état des lieux et des objectifs à atteindre

Expected Impact : Liste d'impacts en lien avec le plan stratégique que les propositions de l'ensemble des topics de cette destination doivent contribuer à atteindre. → **Long terme**

Topic X.1 : Titre du topic

Objectif du Topic : Description du topic avec un état des lieux et des objectifs à atteindre

Expected outcomes : les résultats attendus des projets soumis en réponse à ce topic doivent y contribuer → **Court/moyen terme**

Scope : périmètre d'action des propositions soumises dans le cadre de ce topic

Topic X.x : Titre du topic

Objectif du Topic : Description du topic avec un état des lieux et des objectifs à atteindre

Expected outcomes : les résultats attendus des projets soumis en réponse à ce topic doivent y contribuer → **Court/moyen terme**

Scope : périmètre d'action des propositions soumises dans le cadre de ce topic

Thématiques du programme de travail 2025



1- **Staying healthy** in a rapidly changing society / Rester en bonne santé dans une société qui change rapidement



2- Living and working in a **health-promoting environment** / Vivre et travailler dans un environnement favorable à la santé



3- **Tackling diseases** and reducing disease burden / Lutter contre les maladies et réduire leur fardeau



4- Ensuring **equal access to innovative, sustainable and high-quality health care** / Garantir un égal accès aux soins de santé innovants, durables et de qualité (Système de santé résilients)



5- Developing and using **new tools, technologies and digital solutions** for a healthy society/
développer et utiliser des nouveaux outils, technologies et solutions numériques pour une société en bonne santé



6- Maintaining an innovative, sustainable and **competitive EU health industry** /
Soutenir un secteur santé innovant, durable et compétitif au niveau européen

Destination 1 : Rester en bonne santé dans une société qui change rapidement

Objectifs de la destination :

- L'appel à projet de cette destination est là pour répondre à l'**Orientation Stratégique Clé 2 "La transition numérique"** et l'**Orientation Stratégique Clé "Une Europe plus résiliente, compétitive, inclusive et démocratique"** du **plan stratégique 2025-2027 d'Horizon Europe**
- L'accent sera mis sur :
 - **l'amélioration de la qualité de vie, de l'autonomie et de l'autonomisation des personnes ayant des déficiences intellectuelles et de leurs familles grâce à des solutions médicales, technologiques et numériques innovantes.** Cela inclut des approches complètes et personnalisées de la promotion de la santé, de la prévention des maladies et des soins intégrés.
 - Il est important de noter que cette orientation aborde **l'habilitation et la réhabilitation des déficiences**, qui **n'ont pas encore été financées dans le cadre du Cluster Santé d'Horizon Europe.**

Destination 1 : Rester en bonne santé dans une société qui change rapidement

Expected impacts

Citizens:

- adopt healthier lifestyles and behaviours, make healthier choices and maintain longer a healthy, **independent and active life with a reduced disease burden, including at old ages or in other vulnerable stages of life**
- are **empowered** to **effectively manage their physical and mental health and wellbeing**, monitor their health status, and interact **with healthcare providers** to **optimise their wellbeing throughout life**.
- **Children and adolescents** are **empowered** to **better monitor and manage their physical, social and mental health** with a view to lifelong healthy lifestyles.

Society:

- benefits from **reduced economic and health burdens due to preventable illness and premature mortality, efficiency** is increased by targeting scarce resources in appropriate, cost-effective ways, to areas of high social return, contributing to an improvement and optimisation of health and wellbeing of citizens and reduction of health inequalities.
- Citizens' trust in knowledge-based health interventions and in guidance from health authorities is strengthened, including through improved health literacy, resulting in **increased engagement in and adherence to effective strategies for health promotion, disease prevention and treatment, while digital literacy inequalities are minimised**.

Health policies:

- Health policies and actions for health promotion and disease prevention are knowledge-based, people-centred, personalised and thus **targeted and tailored to citizens' needs, and designed to reduce health inequalities**.
-

Appels à projets Cluster Santé 2025 – Destination 1

Topic	Date limite	Type	Budget par projet	Nbre projets
Destination 1 - Staying healthy in a rapidly changing society				
HORIZON-HLTH-2025-03-STAYHLTH-01- two stage : Improving the quality of life of persons with intellectual disabilities and their families	16 sept 2025 16 avr 2026	RIA	6-8 M€ (40 M€)	5

HORIZON-HLTH-2025-03-STAYHLTH-01-two-stage: Improving the quality of life of persons with intellectual disabilities and their families

Objectif du topic :

- Explorer des solutions pour améliorer la **qualité de vie** des personnes ayant des déficiences intellectuelles ainsi que de leurs familles, en abordant divers aspects tels que médicaux, technologiques et numériques et sociales; prévenir l'aggravation de ces déficiences et renforcer l'autonomie de personnes concernées. Centré sur l'humain.

Dates limite de soumission
16/09/25 et 16/04/26

Budget total : 40 M€
Budget par projet : **6-8 M€**
Type d'action : **RIA**

« **Expected outcomes** » - Proposals under this topic should aim to deliver results that are directed, tailored towards and contributing to SEVERAL of the following :

- **Persons with intellectual disabilities and their families** enjoy an **improved quality of life**, are **empowered** and have **more independence** through the support of innovative research.
- The **scientific community develops innovative solutions - medical, technological, digital or others - to reverse and/or reduce the severity level of the intellectual disability as soon as possible**, especially **in children**, improving the health and autonomy of persons with intellectual disabilities and relieving their carers.
- **Policymakers, health and care services, patient organisations, funders, the scientific community, and other relevant bodies** are **informed of** the research advances and best practices addressing the health and needs of persons with intellectual disabilities and **help reduce the impact of those disabilities on individuals, their families and society**.

HORIZON-HLTH-2025-03-STAYHLTH-01-two-stage: Improving the quality of life of persons with intellectual disabilities and their families

Scope Les propositions devront traiter de quelques uns des aspects (activités) suivants :
1/2

- To **properly diagnose as early as possible the disease(s) causing the intellectual disability** or conditions worsening them, especially in the case of children, and paying attention to sex and gender-related differences and diagnostic biases.
- Provide necessary medical treatments, diagnostics, technologies, and rehabilitation services. These interventions aim to prevent the worsening of the disability, reduce its severity, or even reverse it, while supporting the empowerment of the individuals. All health technologies and medical interventions must comply with relevant regulatory requirements and be based on sound scientific evidence to ensure safety and efficacy.
- **Tackle comorbidities or other disabilities that persons with intellectual disabilities** may suffer from, with awareness of sex and gender-related differences.
- Provide evidence-based approaches for transitional care for young adults with intellectual disabilities, addressing also sex and gender-specific challenges and needs, the transition from paediatric to adult care being perceived as complex to navigate.
- **Promote the empowerment of individuals with intellectual disabilities and their caregivers by removing societal barriers to their participation. Utilize assistive technologies and digital solutions** to ensure their optimal autonomy, improve their treatment, and support their families and caregivers. These technologies must comply with relevant standards and be based on scientific evidence.

HORIZON-HLTH-2025-03-STAYHLTH-01-two-stage: Improving the quality of life of persons with intellectual disabilities and their families

Scope Les propositions devront traiter de quelques uns des aspects (activités) suivants :
2/2

- **Propose innovative, high-quality, and affordable care services that are accessible**, including cognitively accessible, to help carers of individuals with intellectual disabilities balance their work and family lives. The role of informal or unpaid carers, especially family members, is crucial.
- **Develop innovative integrated care strategies that focus on patient-centred care to enhance the Quality of Life for individuals with intellectual disabilities of all ages and their families.**
- **Develop guidelines in order to provide adequate support and training for caregivers, formal and informal, especially for those providing care for persons with intellectual disabilities and/or living with them, and also addressing the issue of prevention of and protection from**

HORIZON-HLTH-2025-03-STAYHLTH-01-two-stage: Improving the quality of life of persons with intellectual disabilities and their families

Spécificités

- Effective contribution of **social sciences and humanities (SSH) disciplines and the involvement of SSH experts**, institutions as well as the inclusion of relevant SSH expertise
 - **Participation in networking and joint activities**, as appropriate => Necessity to include budget for this networking
 - **Explore potential complementarities with projects funded under the Cluster 2 topic HORIZON-CL2-2025-01-TRANSFO-09**: “Good practices for increased autonomy of persons with disabilities, including physical, mental, intellectual and sensory disabilities” are encouraged.
 - **Data resources** from the **European Health Data Space (EHDS)** and **European Open Science Cloud (EOSC)**
-
- Applicants invited to the second stage and envisaging to include clinical studies **should provide details of their clinical studies in the dedicated annex**
 - **Blind evaluation at stage-one**
 - **Lump sum budget**
-

HORIZON-HLTH-2025-03-STAYHLTH-01-two-stage: Improving the quality of life of persons with intellectual disabilities and their families

Contexte politique européen

➤ Cité dans le texte de l'appel à projets

- Key Strategic Orientation 2 “The Digital transition” and Key Strategic Orientation “A more resilient, competitive, inclusive, and democratic Europe” of Horizon Europe’s strategic plan 2025-2027
- Health at a Glance: Europe 2022, Health at a Glance, OECD : https://health.ec.europa.eu/document/download/3f9d55be-9e36-43d9-99ad-b96ac63a5b9b_en?filename=2022_healthatglance_rep_en_0.pdf
- The WHO European region about disability: <https://www.who.int/europe/news-room/fact-sheets/item/disability>
- The EU Strategy for the Rights of Persons with Disabilities 2021-2030 and supports Pillar 17 of the European Pillar of Social Rights,
- **European Care Strategy** : Communication from the European Commission on the European care strategy, COM(2022) 440, 7.9.2022

Partenaires à inclure

- *Clinicians*
- *Patients*
- *Families of patients*
- *Association of patients*
- *SHS experts*
- *Policymakers*

HORIZON-HLTH-2025-03-STAYHLTH-01-two-stage: Improving the quality of life of persons with intellectual disabilities and their families

Exemples de projets déjà financés (*liste non exhaustive*)

HORIZON EUROPE

Topic : HORIZON-HLTH-2021-STAYHLTH-01-02 - Towards a molecular and neurobiological understanding of mental health and mental illness for the benefit of citizens and patients

Project: R2D2-MH Risk and Resilience in Developmental Diversity and Mental Health => pour la prise en compte des familles

H2020

Topic : SC1-BHC-01-2019 - Understanding causative mechanisms in co- and multimorbidities combining mental and non-mental disorders

Project : GO-DS21 Gene overdosage and comorbidities during the early lifetime in Down Syndrome

Mots clés de l'appel à projets HLTH-2025-03-STAYHLTH-01-two-stage : Déficience intellectuelle, diagnostic, qualité de vie, soins intégrés, solutions numériques, autonomisation

Thématiques du programme de travail 2025



1- **Staying healthy** in a rapidly changing society / Rester en bonne santé dans une société qui change rapidement



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4- Ensuring **equal access to innovative, sustainable and high-quality health care** / Garantir un égal accès aux soins de santé innovants, durables et de qualité (Système de santé résilients)



5- Developing and using **new tools, technologies and digital solutions** for a healthy society/ développer et utiliser des nouveaux outils, technologies et solutions numériques pour une société en bonne santé



6- Maintaining an innovative, sustainable and **competitive EU health industry** / Soutenir un secteur santé innovant, durable et compétitif au niveau européen

Destination 2 : Vivre et travailler dans un environnement favorable à la santé

Objectifs de la destination :

- Les AAP de cette destination sont orientés vers deux orientations stratégiques clés du plan stratégique 2025-2027 d'Horizon Europe. **La première est l'Orientation Stratégique Clé 1 : "La transition verte"**, qui vise à promouvoir des pratiques durables et respectueuses de l'environnement. **La seconde est l'Orientation Stratégique Clé 3 : "Une Europe plus résiliente, compétitive, inclusive et démocratique"**, qui cherche à renforcer la résilience, la compétitivité, l'inclusivité et la nature démocratique de l'Europe.
- Cette destination se concentre sur **les impacts sanitaires des expositions à la pollution et à la dégradation de l'environnement dans les milieux de vie et de travail**. Les résultats **soutiendront les politiques environnementales et sanitaires de l'UE** ainsi que les cadres politiques globaux tels que **le Pacte vert pour l'Europe**, la **Stratégie pour la durabilité dans le domaine des produits chimiques**, le **Plan d'action pour une pollution zéro**, le **8ème Programme d'action pour l'environnement**, le **Cadre stratégique de l'UE en matière de santé et de sécurité au travail**, ainsi que le **Processus européen de l'OMS sur l'environnement et la santé (EHP)**.
- La collaboration avec d'autres **clusters d'Horizon Europe est encouragée**, notamment sur les domaines suivants : **agriculture, alimentation, environnement, climat, biodiversité, mobilité, sécurité, aménagement urbain, inclusion sociale**

Destination 2 : Vivre et travailler dans un environnement favorable à la santé

Expected impacts (one of several)

Citizens:

- **understand better complex environment and health issues**, and effective measures to address them and support related policies and regulations.
- **Citizens' health and wellbeing are protected and promoted, and premature deaths, diseases and inequalities related to environmental pollution and degradation are prevented**
- **The adaptive capacity and resilience of populations and health systems in the EU to climate and environmental change-related to mental and physical health risks are strengthened**

Environment:

- **Living and working environments in European cities and regions are healthier, more inclusive, safer, resilient and sustainable;**
- **The upstream determinants of health are known, understood and reduced**
- **The health threats and burden resulting from hazardous chemicals and air, water and soil pollution and contamination are lessened, so that the related number of deaths and illnesses is substantially reduced**

Health policies:

- **Policy-makers and regulators are aware and well informed about environmental, socio-economic and occupational risk factors as well as health-promoting factors across society;**
 - **Environmental, occupational, social, economic, and health policies and practices at the EU, national and regional level are sustainable and based on solid scientific evidence.**
-

Appels à projets Cluster Santé 2025 – Destination 2

Topic	Date limite	Type	Budget par projet	Nbre projets
Destination 2 - Living and working in a health-promoting environment				
HORIZON-HLTH-2025-03-ENVHLTH-01-two-stage: The impact of pollution on the development and progression of brain diseases and disorders	16 sept 2025 16 avr 2026	RIA	6-7 M€ (40 M€)	6
HORIZON-HLTH-2025-03-ENVHLTH-02-two-stage: Advancing knowledge on the impacts of micro- and nanoplastics on human health	16 sept 2025 16 avr 2026	RIA	7-8 M€ (40 M€)	5

HORIZON-HLTH-2025-03-ENVHLTH-01-two-stage: The impact of pollution on the development and progression of brain diseases and disorders

Objectif du topic :

- Etudier l'impact de la pollution environnementale (air, eau, sol) sur le développement des maladies neurologiques et neurodéveloppementales, en particulier celle affectant les populations vulnérables (enfants, personnes âgées, travailleurs exposés, habitants de zones pollués)

Dates limite de soumission
16/09/25 et 16/04/26

Budget total : 40 M€
Budget par projet : **6-7 M€**
Type d'action : RIA

« **Expected outcomes** » - Proposals under this topic should aim to deliver results that are directed, tailored towards and contributing to MOST of the following :

- **Global and EU policies preventing and reducing the health impacts of pollution are supported with up-to-date scientific evidence, tools and methodologies**
- **Citizens are more protected by having a better insight into exposure to pollution and its impacts on brain health and adopting health enhancing behaviours**
- **Public authorities, health stakeholders, the scientific community and the society at large have access to FAIR data on the link between pollution and brain health, particular windows of susceptibility to exposure and the impacts of pollution on the general population and vulnerable groups**
- **Public authorities develop adequate evidence-based measures and guidelines to prevent and reduce the negative impacts of pollution in the development of brain disease.**

HORIZON-HLTH-2025-03-ENVHLTH-01-two-stage: The impact of pollution on the development and progression of brain diseases and disorders

Scope **Les propositions devront traiter de plusieurs des aspects (activités) suivants :**

- Gain better insights on the pathogenesis and the molecular, genetic and epigenetic pathways and biological mechanisms involved in the onset and progression of disease
- Generate evidence on the impacts of pollution in comorbidities associated to neurodegenerative, neurological or neurodevelopmental diseases and disorders
- Develop and/or validate better in-vivo, in-silico and in-vitro models, instruments and/or methods and take advantage (as applicable) of structural, functional and molecular imaging methods (e.g. MRI nuclear imaging), multi-omics and bioinformatics
- Apply the exposome framework to advance the understanding of the role of environment on neurodegenerative diseases research; elucidating the neuroexposome and emphasizing the brain's distinctive responses to environmental exposures;
- Contribute to the development of health indicators to inform mitigation and prevention measures, incorporating, when relevant, an intersectional approach that considers diverse individual characteristics such as sex, gender, age, ethnicity, and disability and socioeconomic and lifestyle factors;
- Strengthen the understanding of the possible causative link between exposure and incidence of disease by taking advantage of well-designed longitudinal studies (considering exposure duration and differences in exposure composition, geographical location and sources), rigorously controlled epidemiologic studies and/or clinical, real- world and/or cohort data (building on existing national and international cohorts when available)
- Generate evidence on the potential association between the accumulated long-term exposure of workers and consumers to pollutants (including low-level exposure) and neurological and neurodegenerative diseases. The development of neurodevelopmental disorders in children following parental exposure could also be evaluated.

HORIZON-HLTH-2025-03-ENVHLTH-01-two-stage: The impact of pollution on the development and progression of brain diseases and disorders

Spécificités

- Consider the use of experimental methods not using live animals, where relevant and allowing to obtain data of comparable validity (encourage)
 - The effect of nutrition on mental health **should not be the main focus** since this area will be covered by topic HORIZON-CL6-2025-02-FARM2FORK-12: “Nutrition and Mental Health”.
 - Have in mind the **activities development under the Environment, climate and health research portfolio** : https://research-and-innovation.ec.europa.eu/research-area/health/environment-climate-and-health_en and the **EFSA activities under Environmental Neurotoxicants and Developmental neurotoxicity and the Partnership for the Assessment of Risks from Chemicals – PARC** : <https://www.eu-parc.eu/>
 - Effective contribution of **social sciences and humanities (SSH) disciplines and the involvement of SSH experts**, institutions as well as the inclusion of relevant SSH expertise
 - **Connect to European research infrastructures and services in the area of environmental exposure assessment**
 - Involvement of **the European Commission’s Joint Research Centre (JRC)** and/or in the **future Common Data Platform for Chemicals**, with the **European Chemicals Agency (ECHA)**, or the **European Environment Agency (EEA)**
 - Once selected => Cluster approach => participate in common networking and joint activities
 - Applicants invited to the second stage and envisaging to include clinical studies **should provide details of their clinical studies in the dedicated annex**
 - **Blind evaluation at stage-one**
 - **Lump sum budget**
-

HORIZON-HLTH-2025-03-ENVHLTH-01-two-stage: The impact of pollution on the development and progression of brain diseases and disorders

Contexte politique européen

➤ Cité dans le texte de l'appel à projets

- le **Pacte vert pour l'Europe**,
- la **Stratégie pour la durabilité dans le domaine des produits chimiques**,
- le **Plan d'action pour une pollution zéro**,
- le **8ème Programme d'action pour l'environnement**,
- le **Cadre stratégique de l'UE en matière de santé et de sécurité au travail**,
- le **Processus européen de l'OMS sur l'environnement et la santé (EHP)**.

Partenaires à inclure

- *Clinicians*
- *Association of citizens / patients*
- *SHS experts*
- *Public authorities / Health stakeholders
(if guidelines will be develop in the HE project).*

HORIZON-HLTH-2025-03-ENVHLTH-01-two-stage: The impact of pollution on the development and progression of brain diseases and disorders

Exemples de projets déjà financés (*liste non exhaustive*)

HORIZON EUROPE

Topic : HORIZON-HLTH-2023-ENVHLTH-02-01: Planetary health: understanding the links between environmental degradation and health impacts

H2020

Regarder les projets qui ont été financés dans le cadre de **ERA NET NEURON** (<https://www.neuron-eranet.eu/>) (2016-2022), voir si des projets ont étudié cet impact de la pollution sur le développement et la progression des désordres et maladies du cerveau, notamment dans le but de rechercher des partenaires ayant travaillé sur le sujet.

Mots clés de l'appel à projets HLTH-2025-03-ENVHLTH-01-two-stage : Maladies neurodégénératives et neurologiques, pollution, santé cérébrale, prévention et politiques publiques

HORIZON-HLTH-2025-03-ENVHLTH-02-two-stage: Advancing knowledge on the impacts of micro- and nanoplastics on human health

Objectif du topic :

- Renforcer les preuves scientifiques sur les impacts des micro- et nanoplastiques (MNPs) sur la santé humaine, en prenant en compte les environnements de vie et de travail, et les différentes voies d'exposition (inhalation, indigestion, contact dermique)

Dates limite de soumission
16/09/25 et 16/04/26

Budget total : 40 M€
Budget par projet : **7-8 M€**
Type d'action : RIA

« **Expected outcomes** » - Proposals under this topic should aim to deliver results that are directed, tailored towards and contributing to **MOST** of the following :

- **Environmental and health policies** reducing exposure to micro- and nanoplastics and preventing their potential health impacts are supported with up-to-date scientific evidence, standards, tools and methodologies
- **Public authorities and the scientific community** have access to FAIR data on realistic human exposures to micro- and nanoplastics and their potential impacts on human health based on real-world scenarios across living and working environments
- **Citizens** are informed about the impacts of exposure to micro- and nanoplastics on health and adopt behaviours protecting health and reducing human impacts on the environment
- **Industry** is supported in the assessment of products' safety and sustainability
- Existing major knowledge gaps in the understanding of the health impacts of exposure to micro- and nanoplastics are filled and mitigation measures based on robust evidence are promoted;
- **Public authorities and regulators** are supported with evidence-based guidance to design health policies.

HORIZON-HLTH-2025-03-ENVHLTH-02-two-stage: Advancing knowledge on the impacts of micro- and nanoplastics on human health

1/2

Scope Les propositions devront traiter de plusieurs des aspects (activités) suivants :

- Increase comparability and reproducibility between studies by means of a better optimisation, validation and standardisation of the analytical methods, protocols and methodologies to collect MNPs in the environment and detect and quantify the exposure in the human body and in the environment
- Study the causal mechanisms of action and pathways involved on molecular, cellular and organism level effects from exposure to MNPs
- Improve the understanding of the drivers of toxicity and other adverse health effects of MNPs, using realistic environmental samples and considering varying sizes, shapes, concentrations and chemical compositions, and interaction with components in the environment
- Develop suitable and (environmentally) relevant reference materials that can be used to improve robustness and comparability across laboratories
- Develop better in-vivo, in-silico and in-vitro models, instruments and methods for risk and hazard assessment harmonised across various types of MNPs. (long-term exposure and monitoring models, mimicking real-world scenarios and dosimetry and observational studies on humans and development of strategies to integrate experimental and in-silico-data)
- Generate evidence on the long-term impacts of MNPs on human health, MNPs' fate and systemic effects through well-designed and robust systematic studies
- Provide robust evidence on the exposures to MNPs at work: identify environments with highest concentrations and focus on improving approaches for assessment, prevention and mitigation of occupational exposures

HORIZON-HLTH-2025-03-ENVHLTH-02-two-stage: Advancing knowledge on the impacts of micro- and nanoplastics on human health

2/2

Scope Les propositions devront traiter de plusieurs des aspects (activités) suivants :

- Increase the understanding of the environmental routes of exposure to MNPs, considering real-life exposure routes
- Propose mitigation measures to reduce population exposure to MNPs including collecting evidence on the health impacts of potential alternative materials developed to replace plastics
- Gain better insights on the interactions between MNPs (and their additives) with other pollutants and/or biological agents and the combined impacts of these interactions on human health (considering also the understanding of individual toxicity effects);
- Gain better insights on the delivery mechanisms and study the elimination process of MNPs in the human body and the microbiome capacity to degrade (or accelerate degradation of) ingested MNPs;
- Promote exchange of knowledge and experiences across MS and policies and engage with regulators and public authorities to ensure suitability and further uptake of relevant results.

HORIZON-HLTH-2025-03-ENVHLTH-02-two-stage: Advancing knowledge on the impacts of micro- and nanoplastics on human health

Spécificités

- Consider the use of **experimental methods not using live animals**, where relevant and allowing to obtain data of comparable validity (encourage)
- Effective contribution of **social sciences and humanities (SSH) disciplines and the involvement of SSH experts**, institutions as well as the inclusion of relevant SSH expertise
- **The Joint Research Centre (JRC) may participate as a member of the consortium selected for funding.** Proposals should consider the involvement of the European Commission's JRC regarding its experience in this field and with respect to the value it could bring in providing an effective interface between research activities and pre-normative science as well as strategies and frameworks that address regulatory requirements. In that respect, the JRC will consider collaborating with any successful proposal and this collaboration, when relevant, should be established after the proposal's approval.
- *Remarque du PCN sur les JRC :*
 - *La proposition devra indiquer les possibles aspects de collaboration avec le Joint Research Center (JRC).*
 - *La CE mettra les consortiums sélectionnés en relation avec le JRC en cas de financement.*
 - *Prévoir tout de même un budget pour cette collaboration*
- **Connect to European research infrastructures and services in the area of environmental exposure assessment**
- Chemical monitoring including human biomonitoring data are shared in the Information Platform for Chemical Monitoring (IPCHEM - JRC and/or in the **future Common Data Platform for Chemicals**, with the **European Chemicals Agency (ECHA)**, or the **European Environment Agency (EEA)**
- Once selected => Cluster approach => participate in common networking and joint activities

HORIZON-HLTH-2025-03-ENVHLTH-02-two-stage: Advancing knowledge on the impacts of micro- and nanoplastics on human health

- Applicants invited to the second stage and envisaging to include clinical studies **should provide details of their clinical studies in the dedicated annex**
- **Blind evaluation at stage-one**
- **Lump sum budget**

Contexte politique européen

➤ Cité dans le texte de l'appel à projets

- le **Pacte vert pour l'Europe**,
- la **Stratégie pour la durabilité dans le domaine des produits chimiques**,
- le **Plan d'action pour une pollution zéro**,
- le **8ème Programme d'action pour l'environnement**,
- le **Cadre stratégique de l'UE en matière de santé et de sécurité au travail**,
- le **Processus européen de l'OMS sur l'environnement et la santé (EHP)**.

Partenaires à inclure

- *Clinicians*
- *Association of citizens / patients*
- *Association of workers*
- *SHS experts*
- *Public authorities / Health stakeholders*

HORIZON-HLTH-2025-03-ENVHLTH-02-two-stage: Advancing knowledge on the impacts of micro- and nanoplastics on human health

Exemples de projets déjà financés (*liste non exhaustive*)

HORIZON EUROPE

Topic : HORIZON-HLTH-2023-ENVHLTH-02-01: Planetary health: understanding the links between environmental degradation and health impacts

=> Thématique plus globale, mais regarder si certains projets traitent précisément de la question des micro et nanoplastiques

H2020

Topic : SC1-BHC-36-2020: Micro- and nano-plastics in our environment: Understanding exposures and impacts on human health

Projects :

PLASTICHEAL, Innovative tools to study the impact and mode of action of micro and nanoplastics on human health: towards a knowledge base for risk assessment

PlasticsFatE, Plastics fate and effects in the human body

AURORA, Actionable eUropean Roadmap for early-life Risk Assessment of micro and nanoplastics

Mots clés de l'appel à projets HLTH-2025-03-ENVHLTH-02-two-stage : Microplastiques, nanoplastiques, santé humaine, exposition environnementale, évaluation des risques

Thématiques du programme de travail 2025



1- **Staying healthy** in a rapidly changing society / Rester en bonne santé dans une société qui change rapidement



2- Living and working in a **health-promoting environment** / Vivre et travailler dans un environnement favorable à la santé



3- **Tackling diseases** and reducing disease burden / Lutter contre les maladies et réduire leur fardeau



4- Ensuring **equal access to innovative, sustainable and high-quality health care** / Garantir un égal accès aux soins de santé innovants, durables et de qualité



5- Developing and using **new tools, technologies and digital solutions** for a healthy society/ développer et utiliser des nouveaux outils, technologies et solutions numériques pour une société en bonne santé



6- Maintaining an innovative, sustainable and **competitive EU health industry** / Soutenir un secteur santé innovant, durable et compétitif au niveau européen

Destination 4 : Garantir un égal accès aux soins de santé innovants, durables et de qualité

Objectifs de la destination :

- L'appel à projet de cette destination est là pour répondre à l'**Orientation Stratégique Clé 2 "La transition numérique"** et l'**Orientation Stratégique Clé 3 "Une Europe plus résiliente, compétitive, inclusive et démocratique"** du plan stratégique 2025-2027 d'Horizon Europe
- L'accent sera mis sur :
 - **l'amélioration de la qualité de vie, de l'autonomie et de l'autonomisation des personnes ayant des déficiences intellectuelles et de leurs familles grâce à des solutions médicales, technologiques et numériques innovantes.** Cela inclut des approches complètes et personnalisées de la promotion de la santé, de la prévention des maladies et des soins intégrés.
 - Soutenir les **systèmes de santé dans leur transformation pour garantir un accès équitable à des soins de santé de haute qualité et durables pour tous les citoyens.**
 - Les activités financées devraient **développer des solutions innovantes, pratiques, financièrement viables et évolutives dans diverses dimensions des systèmes de santé.** Une **approche centrée sur le patient** devrait être adoptée **pour améliorer les résultats de santé des patients**, les autonomiser, favoriser un dialogue actif entre les parties prenantes (par exemple, citoyens, patients, aidants, prestataires de soins de santé) et encourager l'innovation sociale.
 - Le **soutien aux professionnels et prestataires de soins de santé**, avec une allocation adéquate des ressources selon les besoins et préférences des citoyens, est essentiel dans ces actions de recherche et d'innovation.
 - **Améliorer l'efficacité et la rentabilité des soins de santé grâce à des solutions d'Intelligence Artificielle (IA) générative,**
 - **Améliorer l'engagement et l'autonomisation des patients en augmentant les connaissances, la confiance et l'acceptation des outils d'IA par le public,**

Destination 4 : Garantir un égal accès aux soins de santé innovants, durables et de qualité

Expected impacts (one or several)

Citizens:

- **play a key role in managing their own healthcare, informal carers (including unpaid carers) are fully supported** (e.g. by preventing overburdening and economic stress) and the specific needs of vulnerable groups are recognised and addressed.

Care givers & healthcare providers:

- **Health and social care services and systems have improved governance mechanisms, making them more effective, efficient, accessible, resilient, trusted and sustainable, both fiscally and environmentally.** This includes shifting from hospital-centred to community-based, people-centred and integrated healthcare structures, embedding technological innovations and prioritising health promotion and disease prevention.
- **Healthcare providers** are trained and equipped with the skills and competences needed for future healthcare systems that are modernised, digitally transformed and equipped with safe innovative tools, technologies and digital solutions for healthcare. This will involve better patient management, improved patient engagement, reorganised workflows, and improved resource management.

Health policies:

- **Health policy and systems adopt a holistic approach - considering individuals, communities, organisations, society - in evaluating health outcomes, public health interventions, healthcare organisation, and decision-making. They benefit from evidence based, scalable and transferable healthcare solutions (e.g., between countries and healthcare settings)** including for addressing health inequalities and ensuring environmental and climate sustainability in the health sector.

Appels à projets Cluster Santé 2025 – Destination 4

Topic	Date limite	Type	Budget par projet	Nbre projets
Destination 4 Ensuring equal access to innovative, sustainable, and high-quality healthcare				
HORIZON-HLTH-2025-01-CARE-01: End user-driven application of Generative Artificial Intelligence models in healthcare (GenAI4EU)	16 sept 2025	RIA	15-20 M€ (40 M€)	2

HORIZON-HLTH-2025-01-CARE-01: End user-driven application of Generative Artificial Intelligence models in healthcare (GenAI4EU)

Objectif du topic :

- Développement de solutions d'assistants virtuels basés sur l'IA générative pour aider les professionnels de santé à exploiter des données de santé multimodales, améliorer les résultats cliniques et soutenir la résilience, la durabilité et l'efficacité des systèmes de santé

Dates limite de soumission
16/09/25

Budget total : 40 M€
Budget par projet : **15-20 M€**
Type d'action : RIA

« **Expected outcomes** » - Proposals under this topic should aim to deliver results that are directed towards and contributing to **ALL** of the following :

- **Healthcare professionals, at all stages of healthcare provision, have access to user-centric, robust and trustworthy virtual assistant solutions based on Generative Artificial Intelligence (AI) models and other AI tools to support them towards the provision of safer, more efficient and personalised care.**
- **Healthcare professionals benefit from cross-country applicable methodologies with the aim to facilitate acceptability, healthcare uptake and public trust of virtual assistant tools based on Generative AI models.**
- **Patients benefit from enhanced outcomes, more personalised care, and increased engagement with their healthcare professionals, leading to improved safety, quality of care, access to appropriate healthcare information and patient-doctor communication.**
- **Healthcare systems benefit from improved cost-effective patient outcomes, superior to standard of care in terms of accuracy, safety, and quality, and from cost-savings through advancements in highly accurate, transparent, traceable, and explainable solutions**

HORIZON-HLTH-2025-01-CARE-01: End user-driven application of Generative Artificial Intelligence models in healthcare (GenAI4EU)

Scope **Les propositions devront traiter TOUS les aspects (activités) suivants :**

- Develop virtual assistant solutions based on new or optimised trustworthy and ethical Generative AI models, augmented by other AI tools to support healthcare professionals. [...] applicants should demonstrate how the project goes beyond combining existing data and generates new specific knowledge to improve clinical decision making.
- Demonstrate the added-value and clinical utility of the virtual assistant solutions in at least two healthcare use cases in different medical fields and unmet needs showing e.g. improved care management and efficiency, prediction of potential patient-specific therapeutic strategies and outcomes, etc.
- Develop a regulatory strategy/interaction plan with regulators (including in the area of Health Technology Assessment) for generating evidence, where relevant, in a timely manner. Consider also the potential for future regulatory impact of the results and sustainability aspects.
- Develop or adapt existing methodologies for continuous assessment of the developed solutions. The methodologies should demonstrate technical robustness, healthcare utility and trustworthiness of the Generative AI-based solutions,

HORIZON-HLTH-2025-01-CARE-01: End user-driven application of Generative Artificial Intelligence models in healthcare (GenAI4EU)

Spécificités

- Exploit potential synergies with the projects funded under the topic HORIZON-CL4-2021-HUMAN-01-24, as well as with other projects funded under Horizon Europe and Digital Europe Programmes
- If relevant (depending on the diseases chosen in the proposal), create links to European partnerships : ERDERA, THCS, Cancer mission, etc.
- The applicants are encouraged to leverage available and emerging data infrastructures (e.g., European Health Data Space¹⁷⁶, European Genomic Data Infrastructure¹⁷⁷, Cancer Image Europe¹⁷⁸, European Open Science Cloud¹⁷⁹, EBRAINS¹⁸⁰ etc.),
- Effective contribution of **social sciences and humanities (SSH) disciplines and the involvement of SSH experts**, institutions as well as the inclusion of relevant SSH expertise (social impacts)
- **The Joint Research Centre (JRC)** may participate as a member of the consortium selected for funding. Proposals should consider the involvement of the European Commission's JRC regarding its experience in this field and with respect to the value it could bring in providing an effective interface between research activities and pre-normative science as well as strategies and frameworks that address regulatory requirements. In that respect, the JRC will consider collaborating with any successful proposal and this collaboration, when relevant, should be established after the proposal's approval.
- Once selected => Cluster approach => participate in common networking and joint activities
- Applicants invited to the second stage and envisaging to include clinical studies **should provide details of their clinical studies in the dedicated annex**

HORIZON-HLTH-2025-01-CARE-01: End user-driven application of Generative Artificial Intelligence models in healthcare (GenAI4EU)

Contexte politique européen

➤ Cité dans le texte de l'appel à projets

The European care Horizon Europe : Communication from the European Commission on the European care strategy, COM(2022) 440, 7.9.2022

The digital transformation of health and care in the EU :

Communication from the European Commission on enabling the digital transformation of health and care in the Digital Single Market; empowering citizens and building a healthier society, COM(2018) 233, 25.4.2018

The EU Artificial Intelligence Strategy :

<https://digital-strategy.ec.europa.eu/en/policies/european-approach-artificial-intelligence>; <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=COM:2018:237:FIN>

The strategic investment framework in trustworthy Artificial Intelligence for the Union :

<https://digital-strategy.ec.europa.eu/en/library/communication-boosting-startups-and-innovation-trustworthy-artificial-intelligence>

The EU strategy on adaptation to climate change :

<https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52021DC0082>

- The Europe's Beating Cancer Plan

Partenaires à inclure

- *Clinicians*
- *Health care providers*
- *Care givers*
- *Association of citizens / patients*
- *SHS experts*
- *Decision-makers*
- *SMEs*

- *Synergies avec des actions de EU4Health sont encouragées, notamment sur la question de protéger les personnes dans l'Union contre les menaces graves transfrontalières pour la santé.*

HORIZON-HLTH-2025-01-CARE-01: End user-driven application of Generative Artificial Intelligence models in healthcare (GenAI4EU)

Exemples de projets déjà financés (*liste non exhaustive*)

HORIZON EUROPE

Topic : HORIZON-CL4-2021-HUMAN-01-24 Tackling gender, race and other biases in AI (RIA)

=> Voir les projets traitant des systèmes de soins

H2020

Topic : SC1-HCO-13-2016: Healthcare Workforce IT skills

Projects :

On est plus sur de la IT, mais voir plus précisément sur CORDIS (<https://cordis.europa.eu>)

Mot-clés de l'appel à projets HLTH-2025-01-CARE-01 : utilisateur final, applications, intelligence artificielle générative, hôpitaux, professionnels de santé

Aide au montage

Le diagnostic Partenariat pour les projets collaboratifs des entreprises

Le Diagnostic Partenariat Technologique International (**Diag PTI**) de Bpifrance vise à faciliter l'accès des entreprises françaises aux appels à projets collaboratifs de recherche, développement et innovation, au premier rang desquels Horizon Europe.

En pratique, le Diag PTI comprend

- ✓ Une subvention qui couvre **50 % du montant TTC** de la prestation d'un Expert Conseil
- ✓ une prestation adaptée aux besoins de l'entreprise : **jusqu'à 25k€ HT si l'entreprise est cheffe de file**, jusqu'à 5k€ HT si l'entreprise fait partie d'un consortium sans en être à la tête
- ✓ un dépôt au fil de l'eau, qui s'adapte à la timeline de l'entreprise
- ✓ une demande facilitée en ligne, sur le site de Bpifrance
- ✓ une réponse rapide sous 2 semaines



Site web: <https://diaginno.bpifrance.fr/produit/diagnostic-partenariat-technologique/>

Replay: <https://www.horizon-europe.gouv.fr/le-diagnostic-partenariat-pour-les-projets-collaboratifs-des-entreprises-28280>

ANR : MRSEI pour les partenaires académiques

Montage de Réseaux Scientifiques Européens ou Internationaux

Soutient l'aide au montage et à l'animation d'un réseau scientifique européen ou international coordonné par impliquant les membres du réseau qui sera déposé à un appel européen ou international.

Subvention: 36 k€ pour une durée maximale de 24 mois

Coûts éligibles:

- ✓ communication, organisation et animation de rencontres, ateliers, symposium, etc...
- ✓ prestation de service à hauteur maximale de 10 000€ pour appuyer le coordinateur dans le montage du futur projet.

Prochaines dates de soumission :

- ✓ 15 septembre 2025

Toutes les infos : [MRSEI 2025 - Montage de Réseaux Scientifiques Européens ou Internationaux | ANR](#)

Actualités du PCN Santé

Outils du PCN Santé à solliciter

Site Web français Horizon Europe du Cluster Santé : [Santé | Horizon-europe.gouv.fr](https://horizon-europe.gouv.fr/santé)

Page LinkedIN - PCN Santé : <https://www.linkedin.com/company/pcn-sant%C3%A9/>

Liste de diffusion :

- Newsletter - informations Horizon Europe, concernant spécifiquement le cluster 1 - Santé
- *Inscription - Liste de diffusion du PCN Santé | [Horizon-europe.gouv.fr](https://horizon-europe.gouv.fr)*

Liste RHE - Relais Horizon Europe :

- Devenir RHE permet de contribuer activement
- recevoir des informations ciblées et pertinentes sur les appels ouverts ou à venir, les programmes de travail, ... du cluster Santé d'Horizon Europe.
- [Relais Horizon Europe | Horizon-europe.gouv.fr](https://horizon-europe.gouv.fr)

Café RHE – Relais Horizon Europe:

- Moments d'échanges entre l'équipe du PCN et les Relais Horizon Europe - *Principalement en visio, et parfois en présentiel.*

Adresse mail du PCN Santé :

- pcn-sante@recherche.gouv.fr [Contactez les PCN | Horizon-europe.gouv.fr](https://horizon-europe.gouv.fr)

Prochaines dates à retenir

Info Day Cluster 1 – Health European Commission :

- Online - **22 May 2025, 9:00 (GMT+02:00)**
- The event will be livestreamed on this Platform.

Brokerage Event – Baltic Countries, France and Belgium - Cluster 1 & Mission Cancer :

- Bruxelles - **June 3-4, 2025 in person**
- Joint cooperation actions on environmental health for successful disease prevention, mental health, digitalization.
- REGISTRATION HERE

Brokerage Commission européenne (site encore ouvert pour faire du networking)

- REGISTRATION HERE

SERIE DES WEBINAIRES CLUSTER SANTE PAR LE PCN (inscriptions et replays)

- <https://www.horizon-europe.gouv.fr/5-webinaires-de-presentation-des-appels-projets-2025-du-cluster-sante-38759>

