

Il Sistema IRCCS e la Ricerca Sanitaria in Italia

I Programmi Europei di Ricerca & Innovazione: Horizon Europe

IL SISTEMA IRCCS E LA RICERCA SANITARIA IN ITALIA

I programmi europei ricerca ed innovazione

Marco Falzetti

Direttore APRE, Agenzia per la Promozione della Ricerca Europea,
Coordinatore dei Punti di Contatto Nazionali - HE



MISSION DI APRE

Sostenere e agevolare la **partecipazione italiana ai Programmi dell'Unione Europea** per la ricerca e l'innovazione (R&I), attraverso servizi di:

- 🚩 **Informazione**
- 🚩 **Formazione**
- 🚩 **Assistenza**

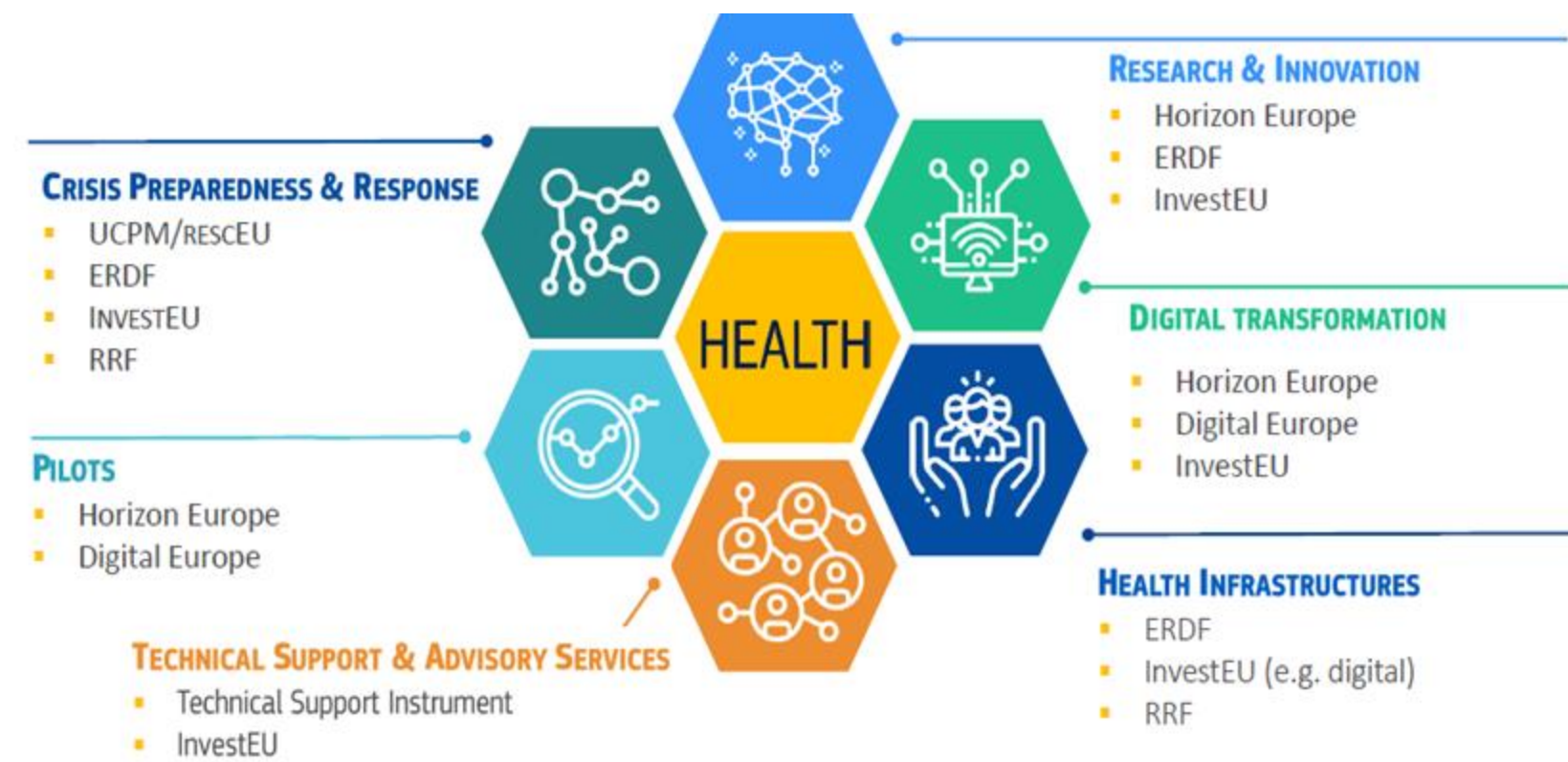
AL SERVIZIO DI TUTTI

APRE è un'associazione senza scopo di lucro.

Opera **con finalità di interesse pubblico**, per offrire supporto alla comunità italiana della Ricerca e Innovazione.



Synergies with other EU programmes



Coherence and complementarity: Alignment of strategic priorities in support of a common vision
 Compatibility: Harmonisation of funding rules, flexible co-funding schemes

EU4Health: Una Nuova Sanità in Risposta alle Future Pandemie

Il **Programma EU4Health** rappresenta il nuovo programma della Commissione Europea per un nuovo sistema europeo post- COVID-19, con un finanziamento senza precedenti di **5,1** miliardi di euro.

Attraverso programmi di lavoro annuali supporta una serie di azioni raggruppate sotto quattro principali indirizzi:

- **Promozione della Salute e Prevenzione**
- **Preparazione alle Crisi Sanitarie**
- **Sistemi e Personale Sanitario**
- **Transizione Digitale**

Enti di ricerca, Organizzazioni Sanitarie e ONG sono tutti enti eleggibili per i piani di finanziamento del programma.

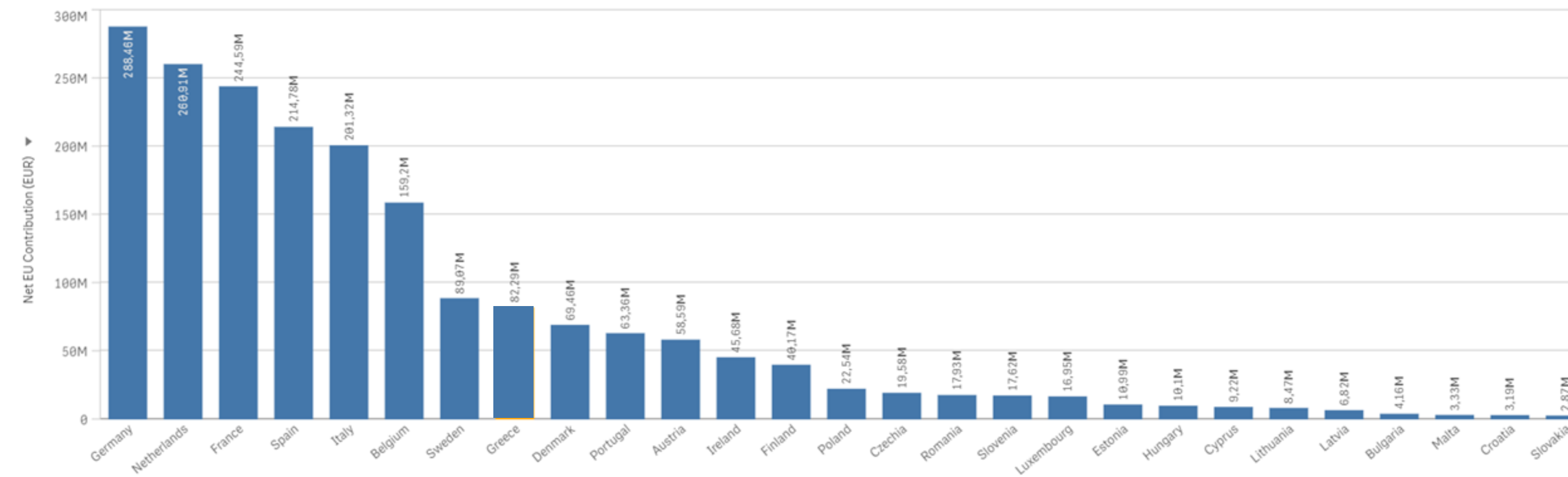


Sinergie con altri piani di finanziamento:

- **European Social Fund Plus (ESF+)**, per il supporto di gruppi vulnerabili nell'accedere alle cure sanitarie
- **European Regional and Development Fund**, per il potenziamento delle infrastrutture sanitarie regionali
- **Horizon Europe (Cluster Health)**
- **Union Civil Protection Mechanism/rescEU**, per creare scorte di forniture mediche di emergenza
- **Digital Europe and Connecting Europe Facility**, per creare l'infrastruttura digitale necessaria

Le statistiche nel settore Health

HORIZON EUROPE Contribution (EUR) to Member States



Politiche EU per la Salute/health

European AI Strategy

- EU AI Act: first regulation on **artificial intelligence**, May 2024
- Directive on patients' rights in **cross-border healthcare**;
- Political declaration on prevention & control of **non-communicable diseases**;
- Europe's beating **cancer plan**
- Commission Communication on effective, accessible and resilient **health systems**;
- Commission Communication on upgrading the **single market** (and its proposed health technology assessments initiative);
- Council conclusions on **nutrition and physical activity**;
- Council conclusion on **personalized medicine and pharmaceuticals**;
- Council conclusions on strengthening the balance in the pharmaceutical systems in the EU and its Member States;
- EU One Health Action Plan against **Antimicrobial Resistance**; Ostrava Declaration on Environment and Health;
- Commission Communication on the **digital transformation** of health and care;
- Council recommendation on strengthened cooperation against **vaccine preventable diseases**;
- Commission Communication 'European Union Strategic Approach to **Pharmaceuticals in the Environment**';





L'ambizioso programma quadro dell'UE per la ricerca e l'innovazione (2021-2027)



rafforzare le basi scientifiche e tecnologiche dell'UE e lo spazio europeo della ricerca (SER)



migliorare la capacità innovativa, la competitività e l'occupazione in Europa

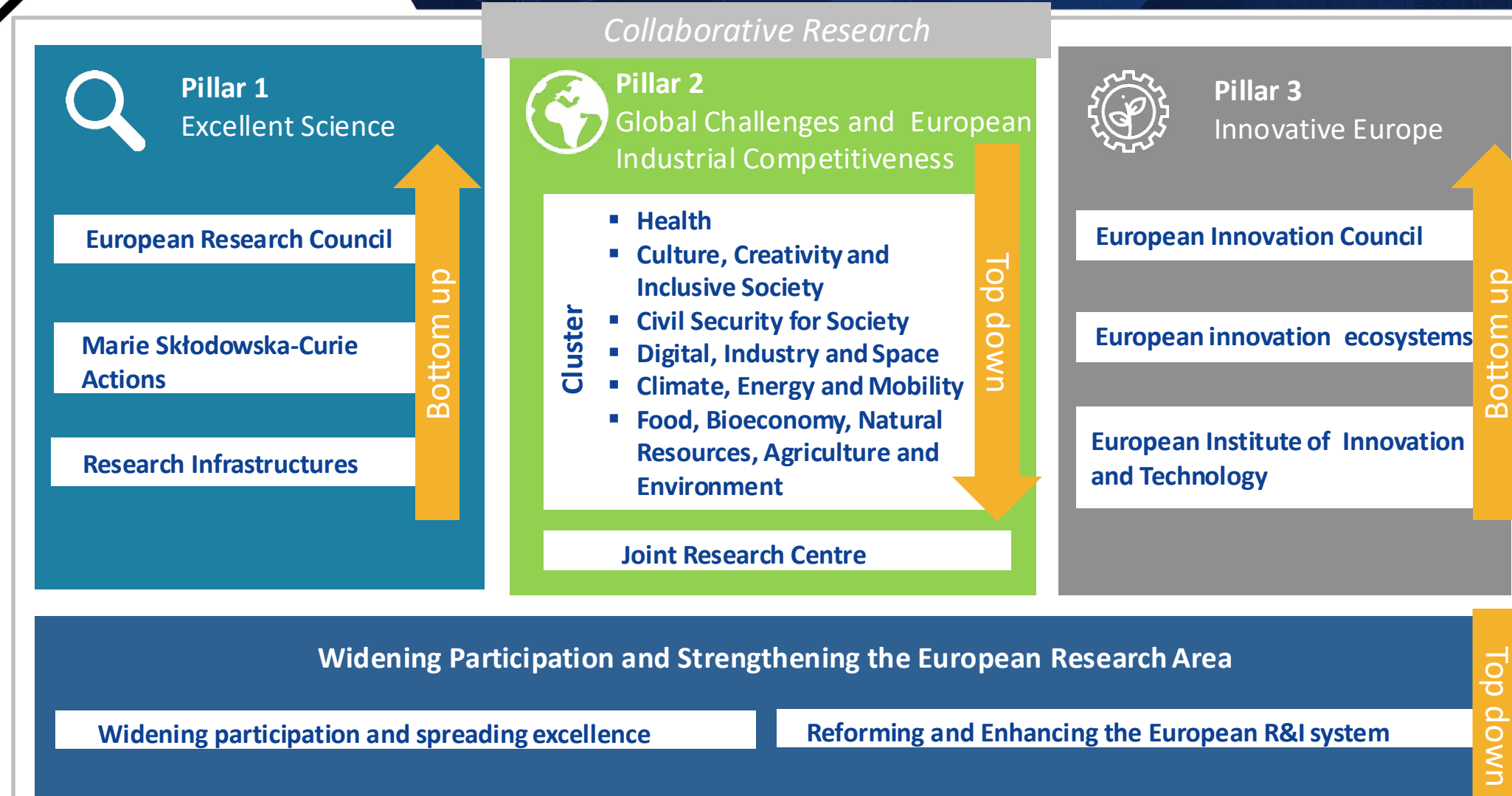


conseguire gli obiettivi prioritari per i cittadini e sostenere il nostro modello socio-economico e i nostri valori

SCIENZA

ECONOMIA

SOCIETA'





CLUSTER 1. Health 2025-2027

- Salute lungo l'arco della vita
- Malattie non trasmissibili e rare
- Strumenti, tecnologie e soluzioni digitali per la salute e l'assistenza, compresa la medicina personalizzata
- Determinanti ambientali e sociali della salute
- Malattie infettive, comprese le malattie correlate alla povertà e trascurate
- Sistemi sanitari

*Improving and protecting the health of citizens at all ages, by developing innovative solutions to **prevent, diagnose, monitor, treat and cure** diseases; mitigating health risks, protecting populations and **promoting good health**; making **public health systems** more cost-effective, equitable and sustainable; and supporting and enabling patients' participation and **self-management**.*

HORIZON EUROPE | Tipologie di finanziamento

Research and Innovation Actions (RIA)

- Activities that aim to create new knowledge and/or explore the feasibility of a new or improved technology, product, process, service or solution. They therefore include **basic and applied research**, development and integration of technology, testing, demonstration and validation on a small-scale prototype, in a laboratory or simulated environment.

Innovation Actions (IA)

- Activities aimed at plan and design new, altered or improved products, processes or services, possibly including **prototyping, testing, demonstration, piloting, large-scale product validation and market replication**.

Coordination and Support Actions (CSA)

- Activities which contribute to the objectives of the program and which are **not research and innovation activities** in the strict sense.



#ForumRisk19

[!] Entities from non-associated third countries are not eligible to participate in CSA (with the notable exception of topics where this is explicitly foreseen in the eligibility criteria of the specific call as stated in the work programme).

Verso i nuovi bandi 2025

**Marzo/Aprile
2025**

Maggio 2025

**Settembre/Ottobre
2025**

Publicazione
Bandi 2025 di
tutti i cluster

Apertura
Bandi 2025 di
tutti i cluster

Scadenza
Bandi 2025 di
tutti i cluster

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

- Sviluppo e adozione di soluzioni sicure, convenienti e incentrate sulle persone, con particolare attenzione alla salute della popolazione, alla **resilienza dei sistemi sanitari e alle politiche sanitarie basate sull'evidenza scientifica.**
 - R&I per supportare i sistemi sanitari nella loro trasformazione per garantire un **accesso equo a servizi sanitari sostenibili di alta qualità per tutti i cittadini.**

* Forte sinergia con [EU4Health Programme](#)

TOPICS 2023:

- ✓ HORIZON-HLTH-2023-CARE-04-01: Maintaining access to regular **health and care services in case of cross-border emergencies** - RIA
- ✓ HORIZON-HLTH-2023-CARE-04-02: **Resilience and mental wellbeing of the health and care workforce** - RIA
- ✓ HORIZON-HLTH-2023-CARE-04-03: Environmentally **sustainable and climate neutral health and care systems** - RIA

Deadline : 13 April 2023 – SINGLE STAGE

Personalised Medicine – COFUND

Deadline : 13 April 2023 – SINGLE STAGE

- ✓ HORIZON-HLTH-2024-CARE-14-01: Pre-commercial procurement for environmentally sustainable, climate neutral and circular health and care systems – PCP (Deadline: 26 November 2024) SINGLE STAGE)

#ForumRisk19

1 ESEMPIO/ CLUSTER
HEALTH | DESTINATION 4



www.forumriskmanagement.it

CLUSTER 1 | PAROLE CHIAVE PER IL 2025

Destination - Staying healthy in a rapidly changing society

- o intellectual disabilities

Destination - Living and working in a health-promoting environment

- o brain diseases and disorders
- o micro- and nanoplastics on human health

Destination - Tackling diseases and reducing disease burden antibiotic-resistant bacterial infections

- o Mental health
- o antibodies and antibody-derived proteins for infectious diseases with epidemic potential
- o Pandemic Preparedness – AI
- o non-communicable diseases
- o European Partnership for Brain Health

Destination - Ensuring equal access to innovative, sustainable, and high-quality healthcare

- o Generative AI

Destination - Developing and using new tools, technologies and digital solutions for a healthy society

- o cell therapies
- o cell secretome-based therapies

Destination - Maintaining an innovative, sustainable, and competitive EU health industry

- o Advanced Therapy Medicinal Products (ATMPs)
- o Digitalisation of conformity assessment procedures of medical devices and in vitro diagnostic medical device
- o orphan devices and/or of highly innovative (“breakthrough”) devices







The THCS partnership; common vision

To lay the ground to provide high-quality, fairly accessible, health promoting and resilient health and care services at affordable prices to all European citizens in a way that is sustainable for the public finances.



Coordinata dal Ministero della Salute Italiano:
<https://www.thcspartnership.eu/>

- **General objective:** *to ensure the transition towards more sustainable, resilient, innovative and high quality people-centred health and care systems.*
- **a partnership approach will give the necessary framework conditions to address :**
 - gaps in research and innovation,
 - In knowledge translation,
 - implementation and scaling and
 - strengthen the research and innovation capacity in this field.
- **the regional dimension is relevant and important for H&C systems in Europe, and for this partnership**
- **Co-funded partnership, Duration – 7 years, WP year – 2022, Start year – 2023.**
- **Funding:** financial & in-kind contributions, EC co-funding – 30%.



<https://www.ih.europa.eu/>

Innovative Health Initiative

What are the objectives, expected impacts and scope?

Partnership:

EU and health related industries (such as pharmaceuticals, diagnostics, medical devices, imaging, biotech and digital industries) • European collaborative platform for precompetitive and integrative R&I.

Overall objective:

Accelerate the development of safer and more effective innovative healthcare interventions that respond to unmet public health needs, and that can be taken up by healthcare systems.

Specific objectives:

• Facilitate **technology integration** to: progress disease understanding; enable the delivery of innovative health products and services; enable the combination of innovations along the healthcare pathway; overcome barriers to digitalisation, via standards, interoperability, etc. • Contribute to methodologies for **better assessing the value** of innovative interventions.

Expected impacts:

• Contribute to the **sustainability of the healthcare systems** • **Faster time-to-market** for innovative products • **New business models** • Incentive for industry to invest in **unmet public health needs** • Facilitate the delivery of **cost-effective** interventions • **Improved health outcomes** • Cross-sectoral industry **collaborations**.

RETE NCP HEALTH | News, Events & Products for applicants

HNN 3.0 - Supporting Tools

Please note that some tools / documents are for Health NCPs only, if you are Health NCP, we invite you to login or create an account to access Health NCP specific tools.

Question & Answer (Q&A) Documents

- IHI Call 8 - Call Days Q&A
- Blind Evaluations in Horizon Europe - Q&A
- InfoDay Cluster 1 "Health" - Q&A on Calls 2024
- InfoDay Cluster 1 "Health" - Q&A on Calls 2023

Annotated Templates

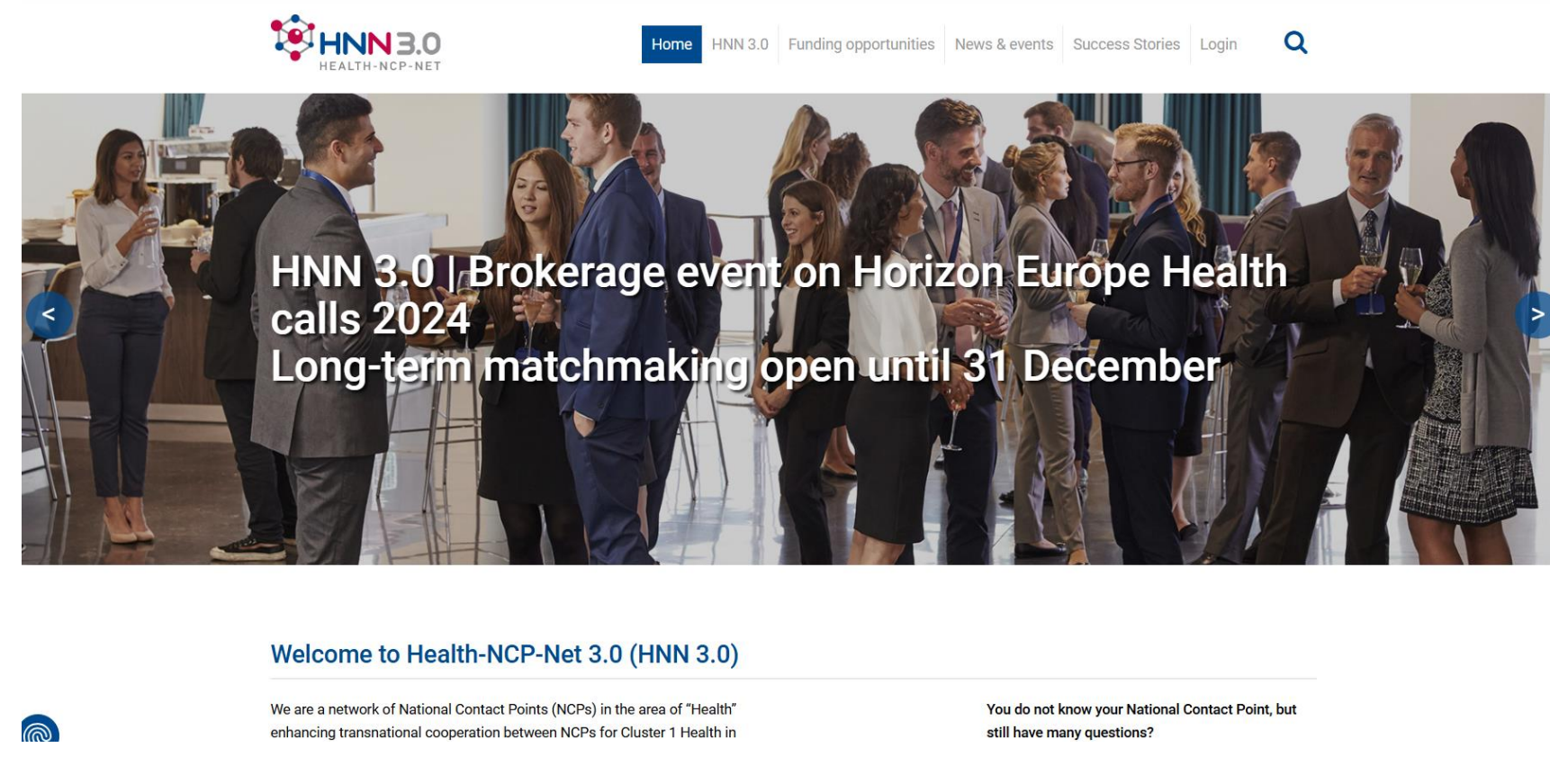
- Annotated Template - Information on Clinical Studies

Guiding Documents

- Catalogue of partner expertise from the Widening Countries (Part 1)
- Hop-on Toolkit
- Factsheet - Health funding in EU4Health and Horizon Europe
- Guidelines for Partner Search
- Guidelines for Pitch Sessions for institutions from Widening Countries

Trainings / Webinars

- Webinar on the Annotated Horizon Europe template 'Information on Clinical Studies'
- Webinar on the Cancer Mission
- Training on Evaluation process
- Webinar on Proposal preparation and Proposal template in Horizon Europe



HNN 3.0 | Brokerage event on Horizon Europe Health calls 2024
Long-term matchmaking open until 31 December

Welcome to Health-NCP-Net 3.0 (HNN 3.0)

We are a network of National Contact Points (NCPs) in the area of "Health" enhancing transnational cooperation between NCPs for Cluster 1 Health in

You do not know your National Contact Point, but still have many questions?

Find open calls via HNN3.0 website



The screenshot shows the HNN3.0 website navigation menu. The logo for HNN3.0 HEALTH-NCP-NET is at the top left. The navigation bar includes 'Home', 'HNN 3.0', 'Funding opportunities', and 'News & events'. A dropdown menu is open under 'Funding opportunities', listing: 'Find open calls', 'Horizon Europe', 'Cluster 1 Health', 'Mission Cancer', 'Health-related Initiatives/Partnerships', and 'Other Health-related Programmes'. The background of the screenshot features a banner with the text 'Find your Health NCP in your country'.

DOVE CERCARE I BANDI APERTI HEALTH

Find open calls

Status:

● open ● closed ● forthcoming

Call identifier	Program	Deadline / Topic	Status
<p>Call - Partnerships in Health (2024)</p> <p>https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search?keywords=HORIZON-HLTH-2024-DISEASE-09</p>	<p>Cluster Health</p> 	<p>25.09.2024</p> <ul style="list-style-type: none"> HORIZON-HLTH-2024-DISEASE-09-01: European Partnership: One Health AntiMicrobial Resistance 	●
<p>IHI Call 5</p> <p>https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search?keywords=HORIZON-JU-IHI-2023-05</p>	<p>IHI</p> 	<p>16.01.2024</p> <ul style="list-style-type: none"> Topic 1: Accelerating the implementation of New Approach Methodologies and other innovative non-animal approaches for the development, testing and production of health technologies 	●

1. Health NCP Network website
<https://www.healthncp.net/>

2. Funding and Tenders Portal
<https://ec.europa.eu/info/funding-tenders/opportunities/portal/>

3. NCPs

4. Newsletters

5. Brokerage events

6. Personal networks



Scopi e obiettivi

4 obiettivi chiave :

- *comprendere il cancro e i suoi fattori di rischio*
- *prevenire ciò che si può prevenire*
- *ottimizzare diagnosi e trattamenti*
- *sostenere la qualità di vita delle persone con e dopo il cancro, garantendo un accesso equo*

Obiettivo principale: contribuire a migliorare la vita di oltre 3 milioni di persone entro il 2030 attraverso la prevenzione e la cura sia per le persone direttamente colpite dal cancro sia per le loro famiglie.



Principali strumenti

Progetto per la piattaforma **UNCAN.eu** (a partire dal 2022): finalizzato a creare hub europeo per i dati per i dati sulla ricerca sul cancro e a generare una serie di casi d'uso che affrontino le principali sfide della ricerca sul cancro

Progetto sul **Centro digitale per i pazienti oncologici** (2023)

Rete di Infrastrutture oncologiche (2022- 2023)

Azioni di R&I nell'ambito di ciascuno dei quattro obiettivi della missione

Sinergie (= cooperazione tra la Missione Cancro e altre iniziative a livello UE, nazionale, regionale e locale)

Mission Cancer

- SOME **KEYWORDS** FOR 2025
- translational research
- environmental exposure
- Innovative surgery
- paediatric cancer
- older cancer patients



TEAM di riferimento Cluster 1 HEALTH

Caterina Buonocore



Bruno Mourenza



Mathilde De Bonis



cluster1@apre.it