

THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020



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Institute for Liver and Digestive
Health

University College London

Horizon 2020 è il nuovo Programma del sistema di finanziamento integrato destinato alle attività di ricerca della Commissione europea.

**1° GENNAIO
2014**

**31 DICEMBRE
2020**



**BUDGET
70,2 miliardi**



Horizon 2020 punta a favorire lo sviluppo di tecnologie e l'accelerazione dell'immissione sul mercato di interventi innovativi in **2 MACROAREE**:

- ❖ **Tecnologie industriali chiave**: ICT, nanotecnologie, materiali avanzati, biotecnologie, sistemi avanzati di fabbricazione e ricerca spaziale;
- ❖ **Grandi sfide della società**: miglioramento della salute e benessere della popolazione, sicurezza e qualità dei prodotti alimentari, transazione verso un sistema energetico affidabile, sostenibile e competitivo e più in generale all'innovazione ecocompatibile.

Horizon 2020 finanzia progetti che riguardano lo studio e la realizzazione di prototipi di prodotti/processi/servizi innovativi che ancora non esistono sul mercato.

Excellence Science

- **European Research Council**
Frontier research by the best individual teams (ERA)
- **Future and Emerging Technologies**
Collaborative research to open new fields of innovation
- **Marie Skłodowska Curie Actions**
Opportunities for training and career development
- **Research Infrastructures (Including e-infrastructure)**
Ensuring access to world-class facilities

Competitive Industries

Leadership in enabling and industrial technologies

- **ICT**
- **Nanotechnologies materials, biotechnologies, manufacturing**
- **Space**
- **Access to risk finance**
Leveraging private finance and venture capital for research and innovation
- **Innovation in SMEs**
Fostering all forms of innovation in all types of SMEs

Societal Challenge

- **Health, demographic change and wellbeing**
- **Food security, sustainable agriculture, marine and maritime research, and the bio-economy**
- **Secure, clean and efficient energy**
- **Smart, green and integrated transport**
- **Climate action, resource efficiency and raw materials**
- **Europe in a changing world – inclusive, innovative, reflective societies**
- **Secure Societies**

European Institute of Innovation and Technologies (EIT)

Spreading Excellence and Widening Participation

Science with and for society

Joint Research Center (JRC)

Euratom

OBIETTIVO GENERALE:

Migliorare la salute e il benessere lungo tutto l'arco della vita.

Costituire sistemi sanitari e assistenziali di alta qualità ed economicamente sostenibili nonché creare opportunità di nuovi posti di lavoro e di crescita.

Obiettivi specifici

1. Promozione efficace della salute per prevenire la malattia, migliorare il benessere con l'obiettivo dell'efficienza sul piano dei costi.
2. Migliorare il processo decisionale in tema di offerta di prevenzione e di trattamento, al fine di individuare e sostenere la diffusione delle migliori pratiche nei settori della sanità e dell'assistenza, così come forme integrate di assistenza attraverso l'utilizzo d'innovazioni tecnologiche.

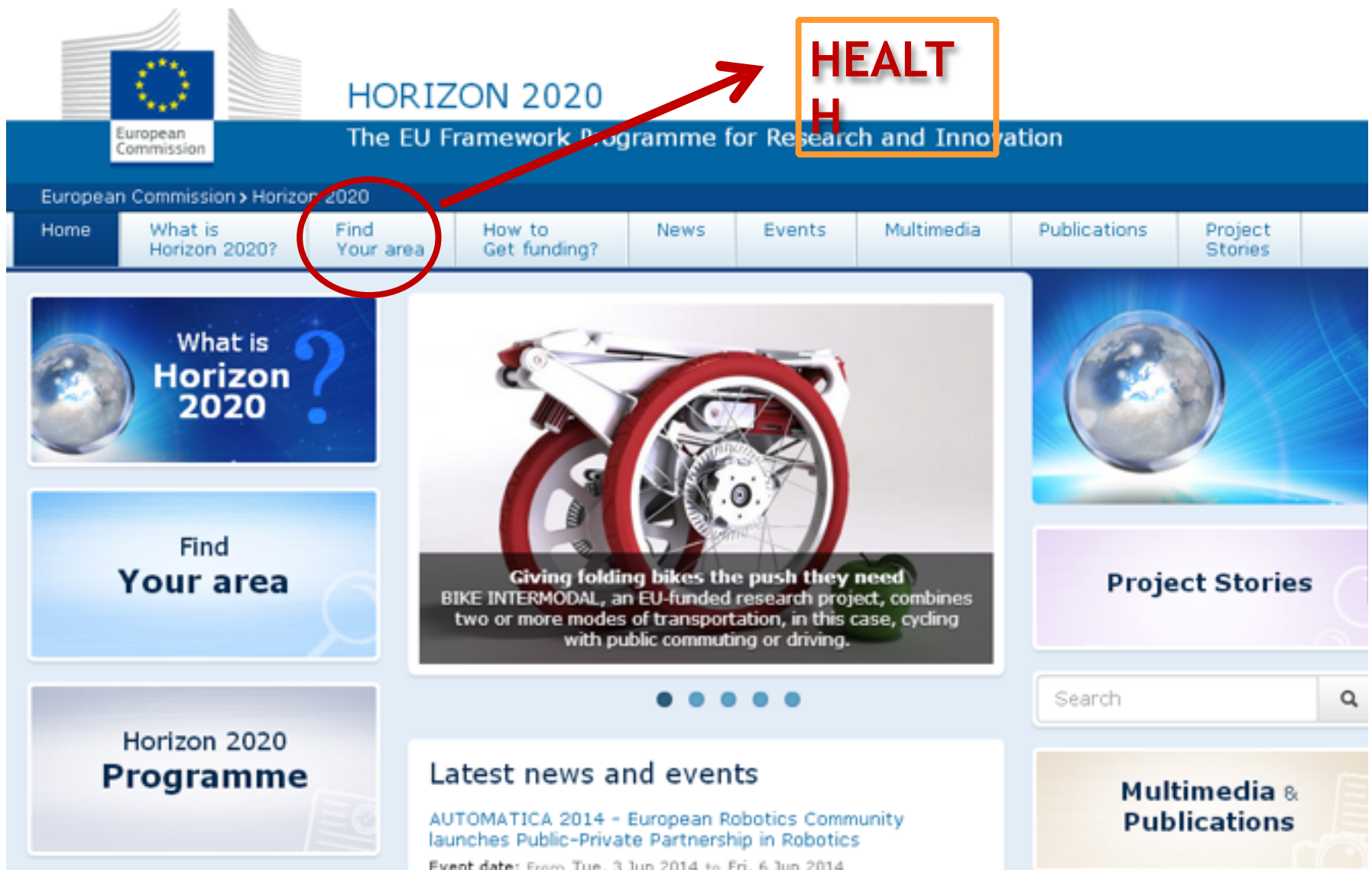
Budget disponibile: € 7.472 milioni destinati alla sfida sociale "Health, Demographic change and Wellbeing"



Spese ammissibili

- a) personale;
- b) consulenze e lavorazioni esterne;
- c) ammortamenti di macchinari/impianti/attrezzature;
- d) materiali;
- e) brevetti e analisi di patentabilità;
- f) viaggi e trasferte, sito internet, brochure;
- g) management;
- h) altri costi generali.

<http://ec.europa.eu/programmes/horizon2020/>



The image shows the homepage of the Horizon 2020 website. At the top left is the European Commission logo. The main header reads "HORIZON 2020 The EU Framework Programme for Research and Innovation". A navigation menu includes "Home", "What is Horizon 2020?", "Find Your area", "How to Get funding?", "News", "Events", "Multimedia", "Publications", and "Project Stories". The "Find Your area" menu item is circled in red, with a red arrow pointing to a box containing the text "HEALTH". Below the navigation, there are several content blocks: "What is Horizon 2020?", "Find Your area", "Horizon 2020 Programme", "Giving folding bikes the push they need" (featuring a folding bicycle), "Project Stories", "Search", and "Multimedia & Publications". A "Latest news and events" section at the bottom features a news item about "AUTOMATICA 2014 - European Robotics Community launches Public-Private Partnership in Robotics" with an event date from June 3 to June 6, 2014.

European Commission

HORIZON 2020

The EU Framework Programme for Research and Innovation

European Commission > Horizon 2020

Home | What is Horizon 2020? | **Find Your area** | How to Get funding? | News | Events | Multimedia | Publications | Project Stories

HEALTH

What is Horizon 2020?

Find Your area

Horizon 2020 Programme

Giving folding bikes the push they need
BIKE INTERMODAL, an EU-funded research project, combines two or more modes of transportation, in this case, cycling with public commuting or driving.

Project Stories

Search

Multimedia & Publications

Latest news and events
AUTOMATICA 2014 - European Robotics Community launches Public-Private Partnership in Robotics
Event date: From Tue. 3 Jun 2014 to Fri. 6 Jun 2014



HORIZON 2020

The EU Framework Programme for Research and Innovation

European Commission > Horizon 2020 > Areas > Health

- Home
- What is Horizon 2020?
- Find Your area
- How to Get funding?
- News
- Events
- Multimedia
- Publications
- Project Stories

Horizon 2020 Programme

Related Horizon 2020 sections

[Health, Demographic Change and Wellbeing](#)

Health

Health is wealth, as the old saying goes.

Many challenges need to be met to grant everybody's legitimate wish for a long, happy and healthy life. Chronic and infectious diseases, pandemic threats and antimicrobial resistance are on the rise. Also, the side effects of an ageing population will need to be addressed - the number of people in the EU aged over 65 will have grown by 70% by 2050.

European research and innovation in health helps to tackle these challenges. It is an investment in our health and, on a larger scale, an investment in a healthy workforce, a healthy economy and lower public health bills.

The return on this investment will be finding new ways to prevent diseases, developing better diagnostics and more effective therapies, as well as taking up new models of care and new technologies promoting health and wellbeing. New technologies could keep older people active and independent for longer and help European health and care systems to remain sustainable.



Search



#H2020

 Intelligent Energy
@EU_IEE

Thinking of ways to make nearly [#ZeroEnergy](#) buildings affordable? Apply for [#H2020](#) [#EnergyEfficiency](#)



HORIZON 2020

The EU Framework Programme for Research and Innovation

European Commission > Horizon 2020 > What is Horizon 2020? > Horizon 2020 programme sections > Health, Demographic Change and Wellbeing

- Home
- What is Horizon 2020?
- Find Your area
- How to Get funding?
- News
- Events
- Multimedia
- Publications
- Project Stories

Sections navigation

Societal Challenges

Health, Demographic Change and Wellbeing

Health, Demographic Change and Wellbeing



Calls

› Innovate! Join the EIT and spur innovation and entrepreneurship across Europe

Deadline: Wed, 10 Sep 2014

Personalising Health and Care

Deadline: Tue, 14 Oct 2014

→ Codici: **PHC-2014-2015**

Health Co-ordination activities

Deadline: Wed, 15 Apr 2015

→ Codici: **HCO-2014-2015**

[More Calls](#)

PERSONALISING HEALTH AND CARE

H2020-PHC-2015-two-stage

Sub call of: [H2020-PHC-2014-2015](#)

Publication date	2013-12-11	Deadline Date	2014-10-14 17:00:00 (Brussels local time)
		Stage 2	2015-02-24 17:00:00 (Brussels local time)
Budget	€330,000,000	Main Pillar	Societal Challenges
Status	Open	OJ reference	OJ C 361 of 11 December 2013

[Call description](#)

[Call documents](#)

[Get support](#)

[Subscribe to Notifications](#)

Topics and submission service

- [PHC-04-2015: Health promotion and disease prevention: improved inter-sector co-operation for environment and health based interventions](#)
- [PHC-14-2015: New therapies for rare diseases](#)
- [PHC-16-2015: Tools and technologies for advanced therapies](#)
- [PHC-22-2015: Promoting mental wellbeing in the ageing population](#)
- [PHC-24-2015: Piloting personalised medicine in health and care systems](#)
- [PHC-11-2015: Development of new diagnostic tools and technologies: in vivo medical imaging technologies](#)
- [PHC-18-2015: Establishing effectiveness of health care interventions in the paediatric population](#)
- [PHC-33-2015: New approaches to improve predictive human safety testing](#)
- [PHC-02-2015: Understanding disease: systems medicine](#)
- [PHC-03-2015: Understanding common mechanisms of diseases and their relevance in co-morbidities](#)

PERSONALISING HEALTH AND CARE

H2020-PHC-2015-single-stage

Sub call of: [H2020-PHC-2014-2015](#)

Publication date	2013-12-11	Deadline Date	2015-04-21 +17:00:00 (Brussels local time)
Budget	€162,000,000	Main Pillar	Societal Challenges
Status	Open	OJ reference	OJ C 361 of 11 December 2013

[Call description](#)

[Call documents](#)

[Get support](#)

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Topics and submission service

[PHC-15-2015: Clinical research on regenerative medicine](#)

- [PHC-21-2015: Advancing active and healthy ageing with ICT: Early risk detection and intervention](#)
- [PHC-25-2015: Advanced ICT systems and services for integrated care](#)
- [PHC-27-2015: Self-management of health and disease and patient empowerment supported by ICT](#)
- [PHC-29-2015: Public procurement of innovative eHealth services](#)
- [PHC-30-2015: Digital representation of health data to improve disease diagnosis and treatment](#)
- [PHC-09-2015: PHC 9 – 2015: Vaccine development for poverty-related and neglected infectious diseases: HIV/AIDS](#)
- [PHC-28-2015: Self management of health and disease and decision support systems based on predictive computer modelling used by the patient him or herself](#)

CAL
L

FOR
OPOSAL

HEALTH CO-ORDINATION ACTIVITIES

H2020-HCO-2015

Sub call of: [H2020-HCO-2014-2015](#)

Publication date	2013-12-11	Deadline Date	2015-04-21 +17:00:00 (Brussels local time)
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[Call description](#)

[Call documents](#)

[Get support](#)

[Subscribe to Notifications](#)

Topics and submission service

- [HCO-03-2015: Support for European Reference Networks: efficient network modelling and validation](#)
- [HCO-11-2015: ERA NET Collaboration and alignment of national programmes and activities in the area of brain-related diseases and disorders of the nervous system](#)
- [HCO-12-2015: ERA NET: Antimicrobial resistance](#)
- [HCO-13-2015: ERA-NET: Cardiovascular disease](#)
- [HCO-06-2015: Global Alliance for Chronic Diseases: 2015 priority](#)

HORIZON 2020
WORK PROGRAMME 2014 – 2015

8. Health, demographic change and wellbeing

Important Notice on the First Horizon 2020 Work Programme

This Work Programme covers 2014 and 2015. Due to the launching phase of Horizon 2020, parts of the Work Programme that relate to 2015 (topics, dates, budget) are provided at this stage on an indicative basis only. Such Work Programme parts will be decided during 2014.

(European Commission Decision C (2013)8631 of 10 December 2013)

FIND
a call

FIND
partners

CREATE
your account

REGISTER
your organisation

SUBMIT
a proposal

1

2

3

4

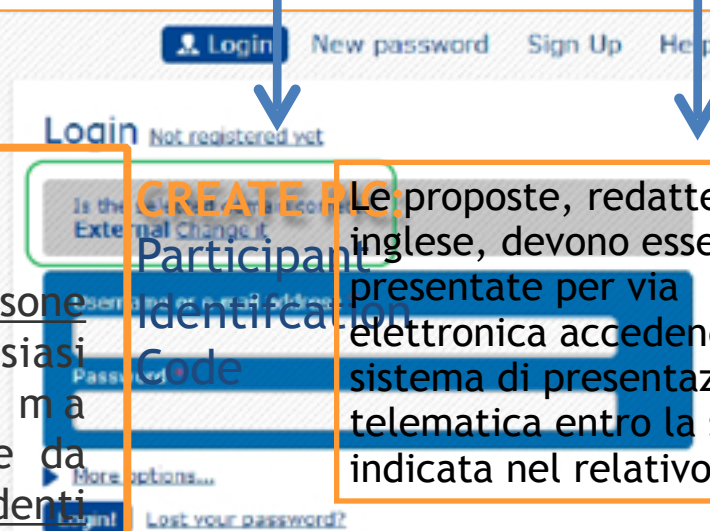
5

Soggetti beneficiari

Possono beneficiare dell'agevolazione le persone giuridiche pubbliche o private di qualsiasi dimensione, in forma singola ma prioritariamente in aggregazioni, composte da almeno tre soggetti autonomi e indipendenti provenienti da **almeno 3 diversi Paesi Europei**.

CREATE Participant Identification Code

Le proposte, redatte in inglese, devono essere presentate per via elettronica accedendo al sistema di presentazione telematica entro la scadenza indicata nel relativo bando.





A P R E
A G E N Z I A
P E R L A
P R O M O Z I O N E
D E L L A
R I C E R C A
E U R O P E A

Punti di Contatto Nazionale (NCP)
in HORIZON 2020



SOCIETAL CHALLENGES

Health, demographic
change and wellbeing

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CORSI DI FORMAZIONE APRE



Roma 18 giugno 2014

Come strutturare la proposta nel Programma Horizon 2020

Durata 2 giorni



Roma 24 giugno 2014

Lo Strumento PMI in Horizon 2020

Durata: 1 giorno



Roma 2 luglio 2014

Come strutturare la proposta nel Programma Horizon 2020

Durata 2 giorni



Roma 7 luglio 2014

Gli aspetti legali e finanziari in HORIZON 2020: dalla proposta alla firma del Grant agreement

Durata: 1 giorno

Per accedere alla brochure,
fare doppio clic con il
mouse