

Financiación de la investigación en vida saludable desde Europa

Jonathan Gómez Raja
Coordinador Científico

FundeSalud

Consejería de Sanidad y Políticas Sociales

Junta de Extremadura

Jornada de Reflexión sobre vida saludable, alimentación, actividad física y medio ambiente

JUEVES 6 DE JUNIO DE 2019

Palacio Consistorial La Jabonera, Villanueva de la Serena

Contenido

- Financiación europea de la I+D+i
 - Horizon 2020
 - EU Health programme
 - Interreg (Cross-border Cooperation)
 - EIP-AHA
 - COST
- Proyectos relevantes de investigación e innovación en vida saludable

Contenido

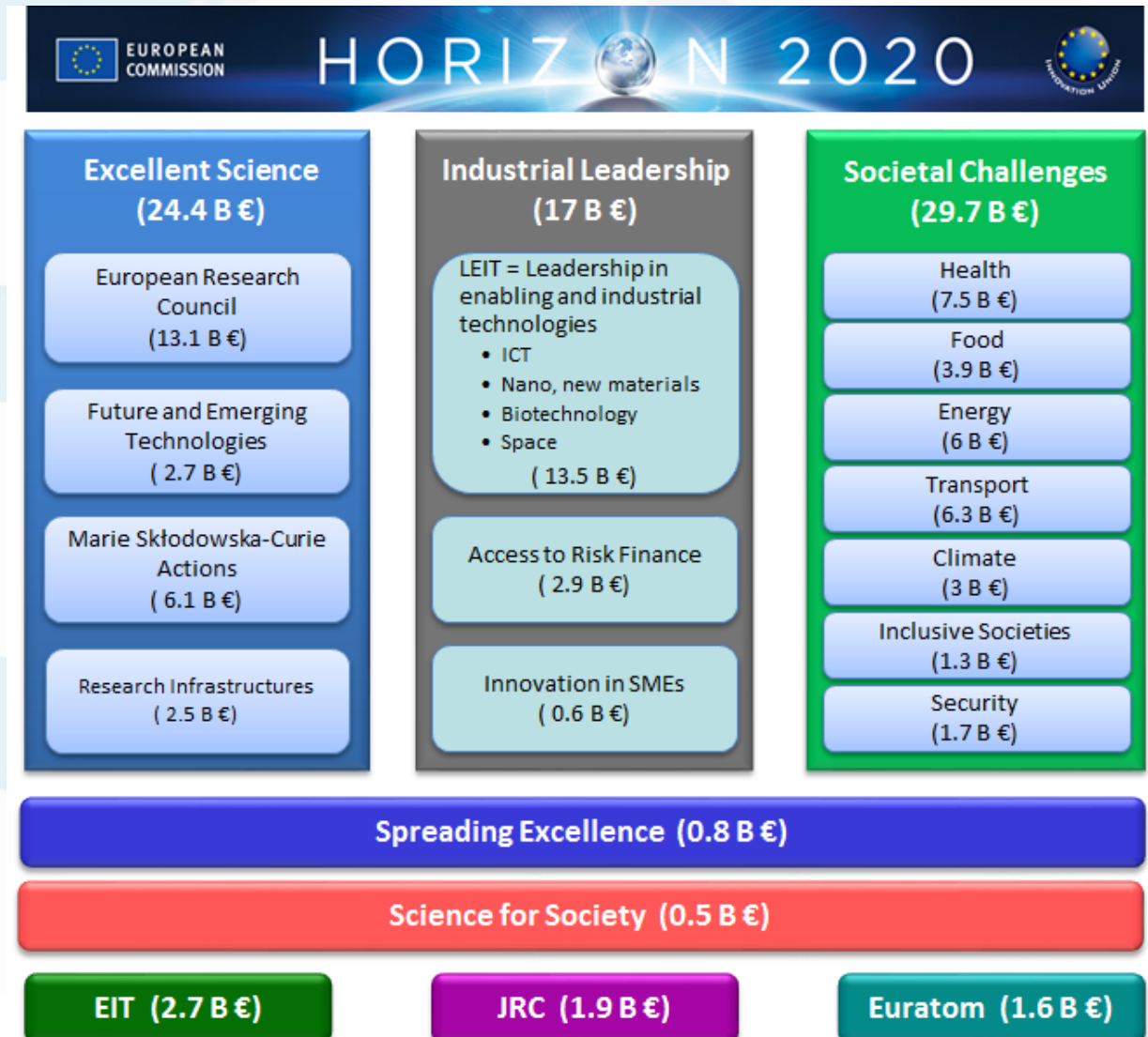
- **Financiación europea de la I+D+i**
 - **Horizon 2020**
 - **EU Health programme**
 - **Interreg (Cross-border Cooperation)**
 - **EIP-AHA**
 - **COST**
- **Proyectos relevantes de investigación e innovación en vida saludable**

Financiación europea de la I+D+i

- Horizon 2020
 - Societal Challenge 1 "Health, Demographic Change and Well-Being"
 - Work Programme 2018-2020
 - Public-Private and Public-Public Partnerships (PPP and cPPP)
 - Marie Skłodowska-Curie actions (MSCA)
 - European Institute of Innovation and Technology (EIT): EIT Health
 - Others
- EU Health programme
- Interreg (Cross-border Cooperation)
- EIP-AHA
- COST

What is Horizon 2020?

- EU Research and Innovation programme ever with **nearly €80 billion of funding** available over 7 years (2014 to 2020)
- Emphasis on **excellent science**, **industrial leadership** and tackling **societal challenges**
- To ensure Europe **produces world-class science** and **removes barriers to innovation**



What is Horizon 2020?

COLLABORATIVE RESEARCH



To provide grants supporting multi-disciplinary cross-border research and innovation teams in the area of health and care

PARTICIPATION



FUNDING



CUSTOMER

All legal entities

COLLABORATIVE RESEARCH PRIORITIES FOR 'HEALTH, DEMOGRAPHIC CHANGE AND WELL-BEING'



Personalised medicine



Innovative health and care industry



Infectious diseases and improving global health



Innovative health, and care systems
Integration of care



Decoding the role of the environment, including climate change, for health and well-being



Digital transformation in Health and Care



Trusted Big Data solutions and Cybersecurity for Health and Care

What is Horizon 2020?

Work Programme 2018-2020

1. Better health and care, economic growth and sustainable health systems
 1. Personalised medicine
 2. Innovative health and care industry
 3. Infectious diseases and improving global health
 4. Innovative health and care systems – Integration of care
 5. Decoding the role of the environment for health and well-being
2. Digital transformation in health and care
3. Trusted digital solutions and cybersecurity in health and care

What is Horizon 2020?

Work Programme 2018-2020

- Personalised medicine
- Rare diseases
- Infectious diseases
- **Chronic diseases**
- Maternal and Child Health
- **Public Health and Prevention**
- **Active and Healthy Aging**
- **Big Data**
- **IoT (Internet of Things)**
- **e-Health**
- **Silver Economy**
- Public Procurement of Innovative Solutions: PCP and PPI schemes
- **Responsible Research and innovation (RRI)**

Horizon 2020: Topics in healthy lifestyles

[Work Programme 2018-2020](#)













- SC1-BHC-08-2020: New interventions for Non-Communicable Diseases
- SC1-BHC-24-2020: Healthcare interventions for the management of the elderly multimorbid patient
- SC1-BHC-29-2020: Innovative actions for improving urban health and wellbeing - addressing environment, climate and socioeconomic factors
- SC1-DTH-12-2020: Use of Real-World Data to advance research on the management of complex chronic conditions
- SC1-DTH-13-2020: Implementation research for scaling up and transfer of innovative solutions involving digital tools for people-centred care

Horizon 2020: Topics in healthy lifestyles

[Work Programme 2018-2020](#)

- SC1-DTH-13-2020: Implementation research for scaling up and transfer of innovative solutions involving digital tools for people-centred care
- SC1-DTH-02-2020: Personalised early risk prediction, prevention and intervention based on Artificial Intelligence and Big Data technologies
- SC1-DTH-04-2020: International cooperation in smart living environments for ageing people
- SC1-HCC-08-2020: Scaling up innovation for active and healthy ageing
- SC1-BHC-17-2020: Global Alliance for Chronic Diseases (GACD) - Prevention and/or early diagnosis of cancer

Horizon 2020: PPP and P2P

 innovative medicines initiative IMI (2)	JTI / PPP
 EDCTP (2)  AAL  EMPIR  EUROSTARS	P2P
 JPND  JPI MYBL  JPI AMR  JPI HDHL	JPI
 EIP AHA	EIP
 European Institute of Innovation & Technology EIT HEALTH	KIC
 Human Brain Project FF HBP	FET Flagship

IMI2

<http://www.imi.europa.eu/>

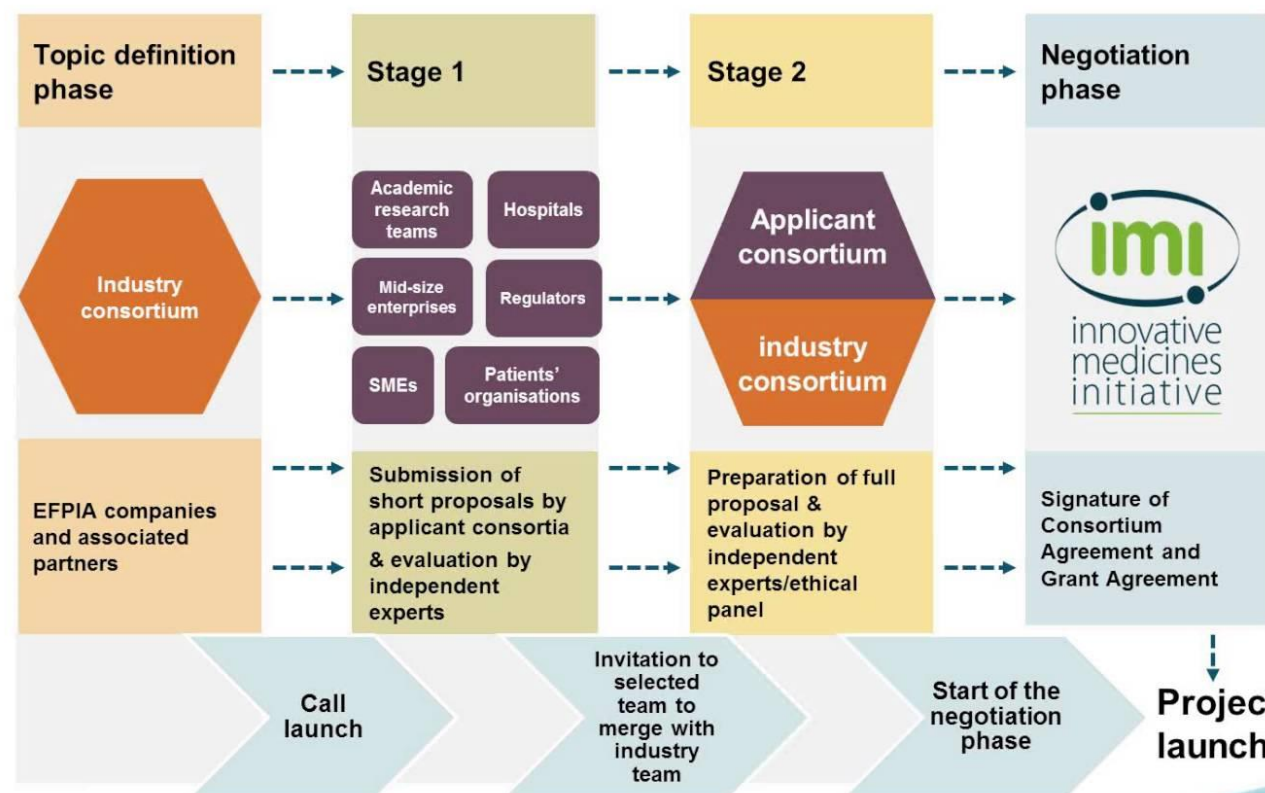
IMI2 funding
(2014-2020)

€ 3.276 bn
TOTAL IMI2 BUDGET

see in detail



Typical IMI two stages process



IMI2



Europe's partnership for health

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Apply for funding



GENERAL OVERVIEW

Learn about the IMI Call process and intellectual property, and get advice on applying for IMI funding.



FUTURE TOPICS

Get ahead of the game and find out about topics that are under consideration for inclusion in future IMI Calls for proposals.



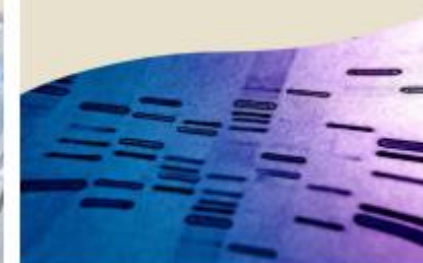
OPEN CALLS

Details of topics and timelines plus other useful information on Calls for proposals that are open or ongoing.



CLOSED CALLS

Information on Calls for proposals that are closed.





IMI2: Future topics

- Central repository of digital pathology slides to support the development of artificial intelligence tools
- Health Outcomes Observatories – empower patients with tools to measure their outcomes in a standardised manner creating transparency of health outcomes
- Improving patient access, understanding and adherence to healthcare information: an integrated digital health information project
- Establishing international standards in the analysis of patient reported outcomes and health-related quality of life data in cancer clinical trials
- Accelerating research & development for advanced therapy medicinal products
- Supporting the development of engineered T cells

P2P Programmes



EDCTP

European & Developing Countries
Clinical Trials Partnership

<http://www.edctp.org/>

AAL

PROGRAMME

<http://www.aal-europe.eu/>

EMPIR



The EMPIR initiative is co-funded by the European Union's Horizon 2020 research and innovation programme and the EMPIR Participating States

<https://www.euramet.org/research-innovation/empir>



eurostars™

<https://www.eurostars-eureka.eu/>



JPND
research

EU Joint Programme – Neurodegenerative Disease Research

<http://www.neurodegenerationresearch.eu/>

MORE YEARS

BETTER LIVES

<http://www.jp-demographic.eu/>

jpiamr

JOINT PROGRAMMING INITIATIVE
ON ANTIMICROBIAL RESISTANCE

<http://www.jpamr.eu/>



<http://www.healthydietforhealthylife.eu/>

More Years Better Life

JPI MORE YEARS BETTER LIVES

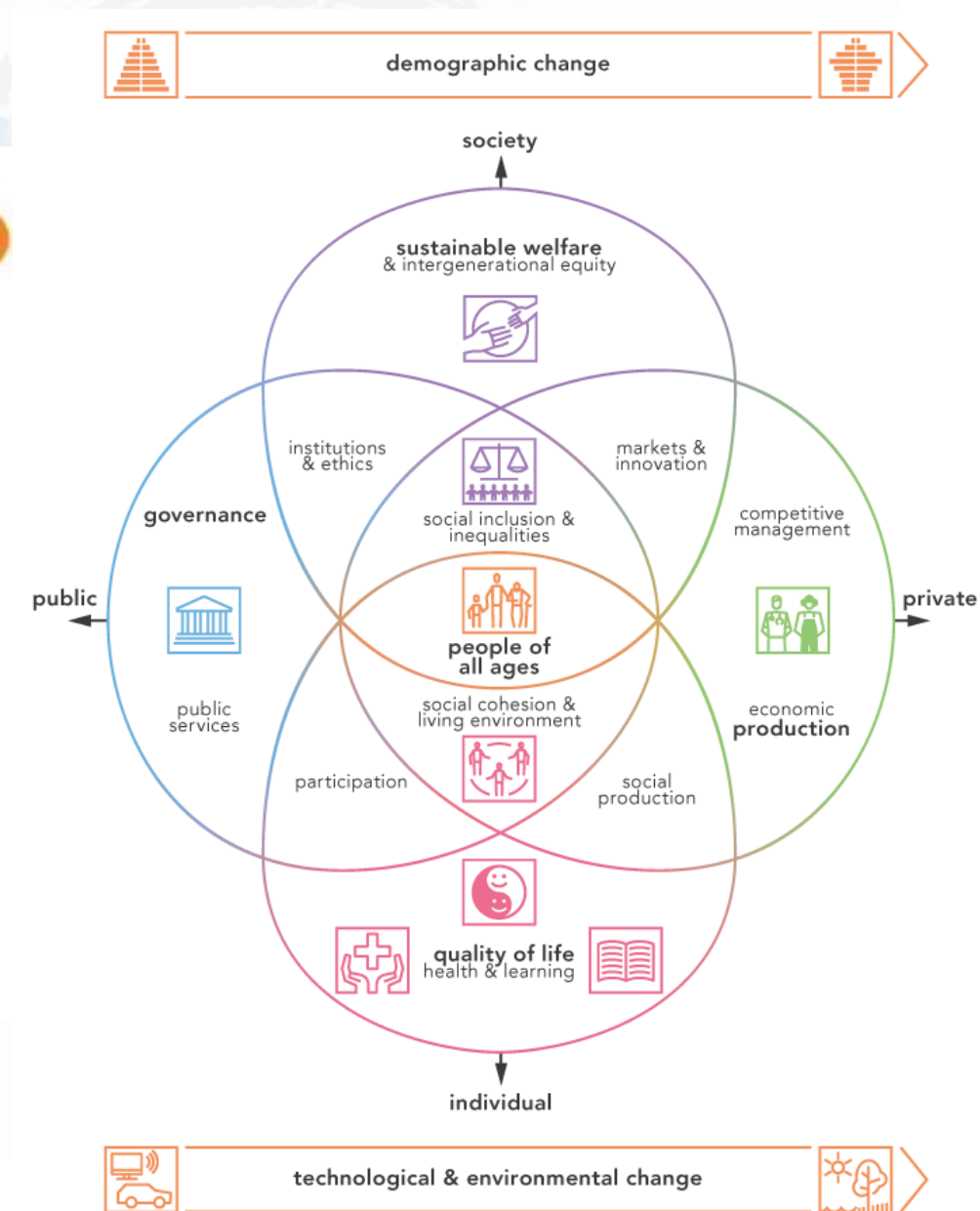
Choose a Topic

- Health and Performance
- Work and Productivity
- Housing, Urban Development and Mobility
- Social, Civic and Cultural Engagement
- Wellbeing
- Social Systems and Welfare
- Education and Learning
- Public Attitudes towards Old Age
- Uses of Technology
- Intergenerational Relationships

Choose a Country

Country Reports ▶ European Databases ▶

NO OPEN CALLS



Healthy Diet for a Healthy Life



■ Observers
■ Full members

Austria
Belgium
Canada
Cyprus
Czech Republic
Denmark
Estonia
Finland
France
Germany
Ireland
Israel
Italy
Latvia
Netherlands
New Zealand
Norway
Romania
Poland
Slovakia
Slovenia
Spain
Sweden
Switzerland
Turkey
United Kingdom



NO OPEN CALLS



Last call: Impact of Diet, Food Components and Food Processing on Body Weight Regulation and Overweight Related Metabolic Diseases

MSCA

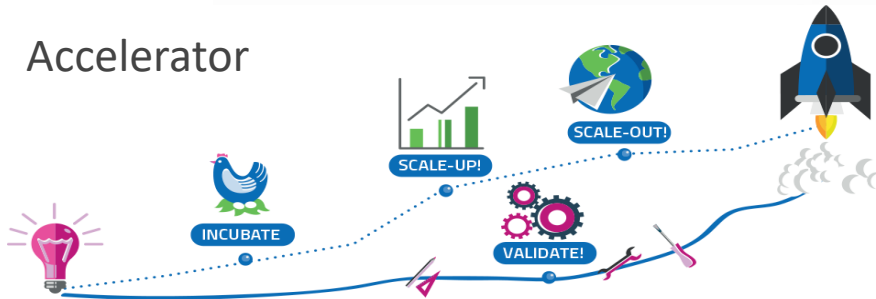


<http://ec.europa.eu/research/mariecurieactions/>

- Research networks (ITN): support for Innovative Training Networks
- Individual fellowships (IF): support for experienced researchers undertaking mobility between countries, optionally to the non-academic sector
- International and inter-sectoral cooperation through the Research and Innovation Staff Exchanges (RISE)
- Co-funding of regional, national and international programmes that finance fellowships involving mobility to or from another country
- The European Researchers' Night (NIGHT)

EIT

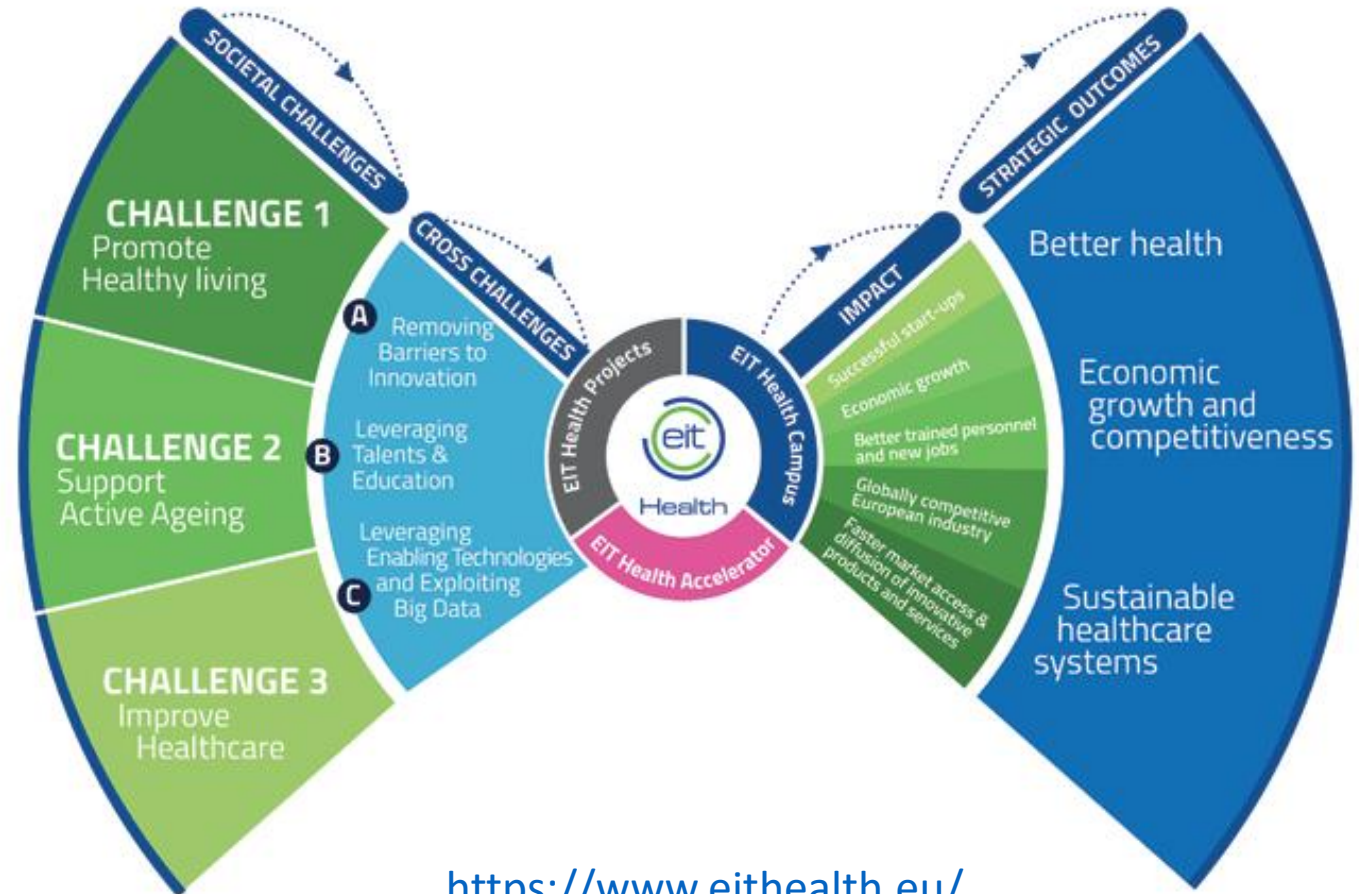
Accelerator



Campus



Projects



<https://www.eithealth.eu/>

Other opportunities

- Other societal challenges (Food, Climate, etc.)
- Industrial Leadership (ICT, Biotechnology, etc.)
- ERC
- Science for Society

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RESEARCH & INNOVATION
Participant Portal

European Commission > Research & Innovation > Participant Portal > Calls

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EU Programmes 2014-2020

Search Topics

Updates

Calls

H2020

3rd Health Programme

Asylum, Migration and

65 Results

Keyword Search: Find a topic SEARCH

If you don't find your topic, you can also use the free text search.

Select the Programme

Hold the 'CTRL' key to select several programmes.

H2020

3rd Health Programme

Status ☒ Forthcoming ☒ Open ☐ Closed FILTER

EUROPEAN COMMISSION HORIZON 2020

Excellent Science (24.4 B €)	Industrial Leadership (17 B €)	Societal Challenges (29.7 B €)
European Research Council (13.1 B €)	LEIT = Leadership in enabling and industrial technologies • ICT • Nano, new materials • Biotechnology • Space (13.5 B €)	Health (7.5 B €)
Future and Emerging Technologies (2.7 B €)	Access to Risk Finance (2.9 B €)	Food (3.9 B €)
Marie Skłodowska-Curie Actions (6.1 B €)	Innovation in SMEs (0.6 B €)	Energy (6 B €)
Research Infrastructures (2.5 B €)		Transport (6.3 B €)
		Climate (3 B €)
		Inclusive Societies (1.3 B €)
		Security (1.7 B €)

Spreading Excellence (0.8 B €)

Science for Society (0.5 B €)

EIT (2.7 B €) JRC (1.9 B €) Euratom (1.6 B €)



EU Health programme

Calls for Proposals

https://ec.europa.eu/health/programme/policy_en

3rd Health Programme

[Advanced search for topics](#)
[Calls for tenders on TED](#)



The [Third EU Health Programme](#) is the main instrument that the Commission uses to implement the EU Health Strategy. Annual work plans of the Programme set out priority areas and the criteria for its funding actions. The total budget for the programme is € 449.4 million. The programme has 4 overarching objectives which seek to:

- Promote health, prevent diseases and foster supportive environments for healthy lifestyles taking into account the 'health in all policies' principle
- Protect Union citizens from serious cross-border health threats
- Contribute to innovative, efficient and sustainable health systems
- Facilitate access to better and safer healthcare for Union citizens

Status ☒ Calls with forthcoming topics ☒ Calls with open topics ☐ Calls with only closed topics

Sort by ☐ Call title ☐ Call identifier ☒ Publication date

Filter a call

FILTER

Interreg

- Cross-border cooperation
- European Regional Development Fund (ERDF)
- Four topics



EIP on AHA



- Partnership between Stakeholders and EC
- To **foster innovation** in the field of active and healthy ageing
- Actions groups:
 - [A1 Adherence to prescription](#)
 - [A2 Falls prevention](#)
 - [A3 Functional decline and frailty](#)
 - [B3 Integrated care](#)
 - [C2 Independent living solutions](#)
 - [D4 Age friendly environments](#)

https://ec.europa.eu/eip/ageing/home_en

32 REFERENCE SITES 2012-2016

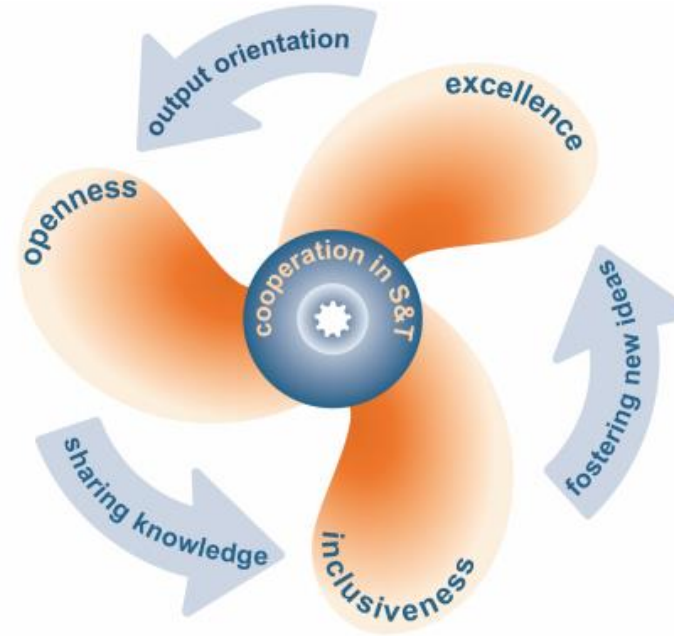
Reference Sites - coverage



COST

- **Networking:** meetings, workshops, conferences, training schools, short-term scientific missions (STSMs) and dissemination activities

<http://www.cost.eu/>



COST Key Principles

- Supporting excellence
- Being open
- Being inclusive

COST Driving Forces

- Fostering new ideas
- Sharing knowledge
- Output orientation

Contenido

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- **Proyectos relevantes de investigación e innovación en vida saludable**

Otros proyectos



English 

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 Sign in

CORDIS is the primary source of results from EU-funded projects since 1990

Search projects and results



- ▼ List projects by framework programme
- ▼ See latest results
- ▼ Download projects as open data
- ▼ Visualise Horizon 2020 data

Latest updated projects

Últimos proyectos

CO-CREATE

The CO-CREATE study aims to prevent overweight and obesity in adolescents by providing knowledge and infrastructure on policies to support making the healthiest choices the preferred ones.

Contact information

→ Les på norsk: [CO-CREATE](#)



Project information

CO-CREATE

Grant agreement ID: 774210

Status

Ongoing project

Start date

1 May 2018

End date

30 April 2023

Funded under:

H2020-EU.3.2.2.2.

Overall budget:

€ 9 757 943,75

EU contribution

€ 9 678 653,75



Coordinated by:

NASJONALT FOLKEHELSEINSTITUTT

Norway

ABOUT

<https://www.fhi.no/en/studies/co-create/>



ARTICLE Published 22.05.2018

About the CO-CREATE study



ARTICLE Published 04.06.2018

Our work



ARTICLE Published 19.09.2018

Our team



Últimos proyectos

<http://www.stopchildobesity.eu/>



EU Health is supported by the EIT, a body of the European Union

Funded by the Horizon 2020 Framework Programme of the European Union GA-774548

Europe's Largest Research Project on Childhood Obesity Launches Call for Innovations

If the current wave of childhood obesity is not stopped, more than one in three adults will be obese in some European countries by 2025.

STOP (Science and Technology in childhood Obesity Policy) examines potential opportunities for interventions to help reduce the high burden of childhood obesity in Europe. This includes improving our understanding of how the environment in which we live shapes children's behaviours and parents' choices, starting from before birth.

€600k call for industry-led projects

stop

Science and Technology in childhood Obesity Policy
www.stopchildobesity.eu

Potential areas of intervention:

1. Epigenetic and biological mediators of obesity risk
2. Clinical interventions with children and families
3. Taxes and marketing restrictions on foods and beverages



Project information

STOP

Grant agreement ID: 774548

Status

Ongoing project

Start date
1 June 2018

End date
31 May 2022

Funded under:
H2020-EU.3.2.2.2.

Overall budget:
€ 10 709 195,16

EU contribution
€ 9 600 862,88



Coordinated by:
IMPERIAL COLLEGE OF SCIENCE
TECHNOLOGY AND MEDICINE
United Kingdom

Últimos proyectos

<https://council-of-coaches.eu/>



The Project at a Glance

Welcome to the Council of Coaches, a European Project that aims to change the way we look at virtual coaching. We are creating an autonomous virtual council that can assist people in achieving goals. By advancing the state of the art in embodied conversational agents we are enabling fluent multi-party interaction between multiple coaches and our users. The topics of these interactions are: health, your worries, and your goals. We are excited to share our work and ideas with you here, on our little corner of the web...



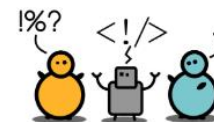
Design of Virtual Characters & Personalities

The Council of Coaches is a group of Virtual Characters that will form your personal health council for as long as you want (or as long as you need their [...])



Holistic Behaviour Analysis & Behaviour Change

Having a clear understanding of the user behaviour is essential to elicit effective and relevant coaching strategies. One of the main tasks of the Council of Coaches, related to sensing [...]



Multi-Party Argumentation for Health & Wellbeing

Our Virtual Coaches will be able to operate as fully autonomous intelligent agents, and must learn how to use arguments to persuade the user and each other. In this way, [...]



Responsible Research and Innovation

To ensure that the innovations brought forth by the Council of Projects have a maximum and positive impact on society, we adopt the principles of Responsible Research and Innovation in [...]

Project information

COUCH

Grant agreement ID: 769553

Status
Ongoing project

Start date
1 September 2017


End date
31 August 2020

Funded under:
H2020-EU.3.1.4.

Overall budget:
€ 3 704 000

EU contribution
€ 3 704 000



Coordinated by:
UNIVERSITEIT TWENTE
 Netherlands

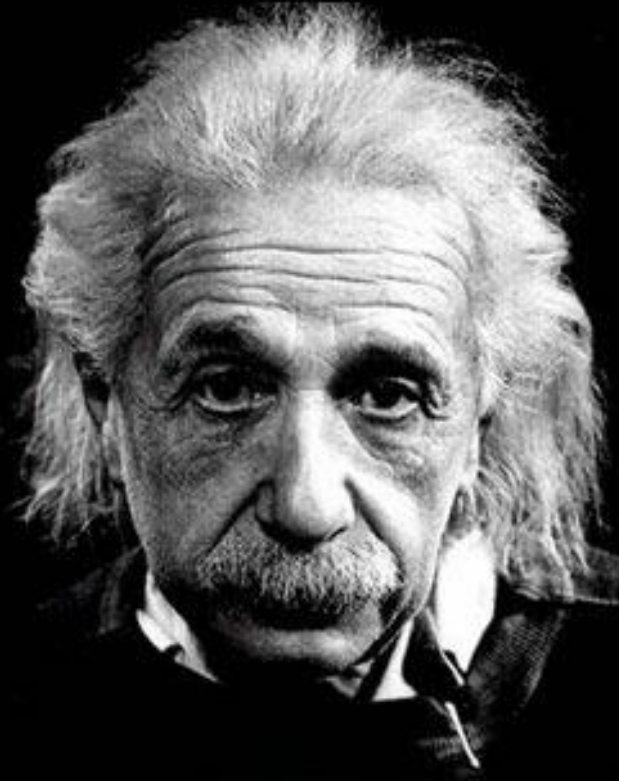
¿La soledad del investigador?



Asóciate!!!

TODOS SOMOS MUY IGNORANTES,
LO QUE OCURRE ES QUE
NO TODOS IGNORAMOS
LAS MISMAS COSAS.

Albert Einstein



La cruda realidad

LA SITUACIÓN



**INNOVAR EN EL DÍA A DÍA PUEDE VERSE COMO
ALGO INNECESARIO Y UNA PÉRDIDA DE TIEMPO.**



FundeSalud
C/ Pio Baroja, 10 06800 Mérida (Badajoz)
SPAIN
Tel: +34 924009306 +34 620962640
Fax: +34 924009304