



**PROGRAMA**

# **HORIZONTE2020**

El programa de la UE para la Investigación e Innovación

## ¿Qué es HORIZONTE2020?

Un programa de financiación para la investigación y la innovación de **€ 80 mil millones (2014 -2020)**

- Su principal **objetivo es asegurar la competitividad global de Europa por medio de la innovación de empresas**, principalmente de países de la Unión Europea y asociados.



**Ciencia excelente**  
(subvenciones para  
investigadores europeos)

El programa  
tiene **3 pilares**



**Liderazgo Industrial**  
(inversiones en tecnología)



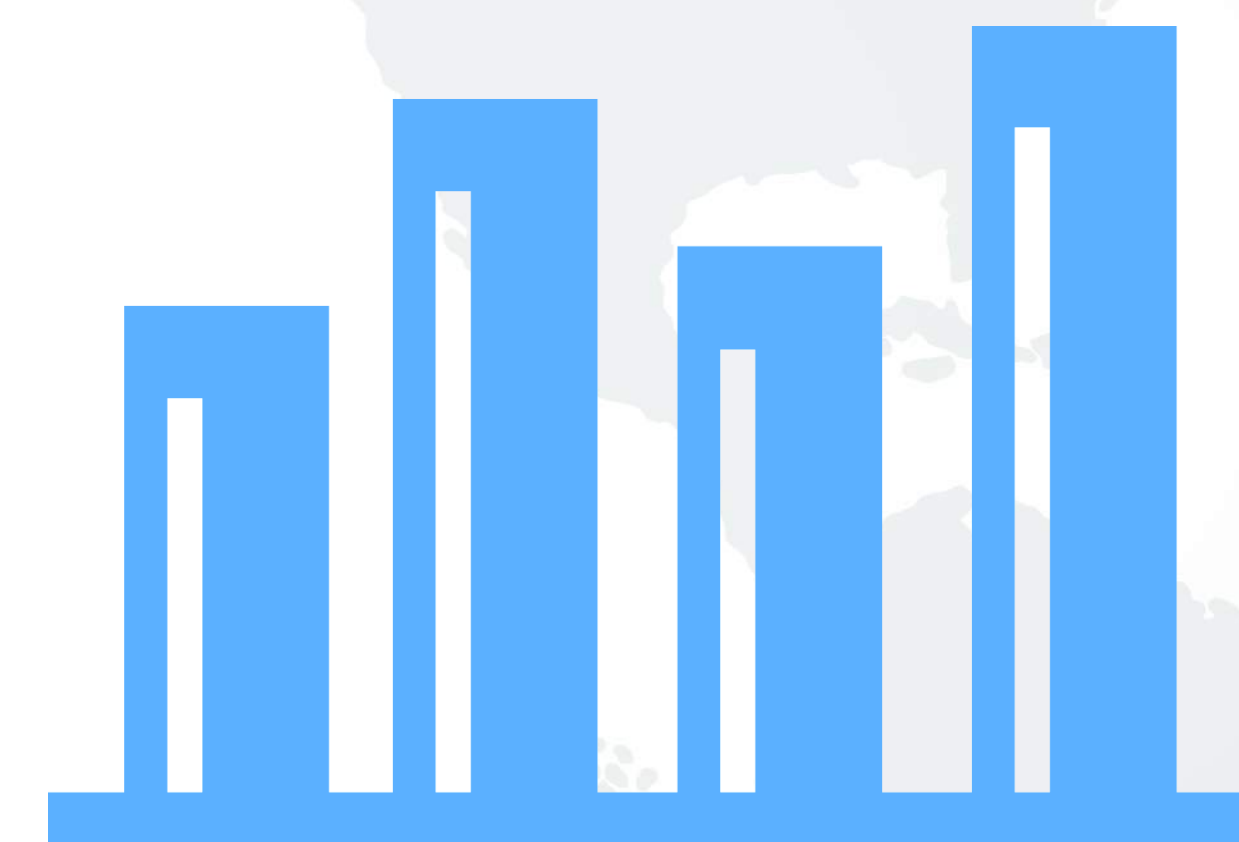
**Retos Sociales**  
(Resolver problemas  
de los ciudadanos)

## Ciencia de Excelencia

### Engloba:

1. Proyectos individuales de investigación de frontera en todas las áreas del conocimiento (***ERC starting and advanced grants***).
2. Proyectos de movilidad y capacitación de investigadores (***Marie Curie Actions***).
3. Infraestructuras de investigación.
4. Tecnologías emergentes y futuras.

### Presupuesto:



**€ 24.440** millones

## Liderazgo Industrial

### Engloba:

1. Leadership in enabling and industrial technologies (**LEITs**) - **Nanotecnología, TICs, materiales, biotecnología, fotónica, espacio, etc.**
2. Acceso a financiamiento de riesgo.
3. Infraestructuras de investigación.

### Presupuesto:



**€ 17.000** millones

## Desafíos Sociales

### Engloba:

1. Salud, cambios demográficos y bienestar.
2. Seguridad alimentaria, bioeconomía, y agrocuicultura.
3. Energía segura, limpia y eficiente.
4. Transporte inteligente, verde e integrado.
5. Cambio climático, uso eficiente de recursos, materias primas.
6. Sociedades inclusivas, innovadoras y reflexivas.
7. Sociedades seguras.

### Presupuesto:



**€ 29.670** millones

## ¿Quiénes aplican?



El programa está diseñado para grupos de investigación y empresas europeas.

Buscan alianzas estratégicas en países fuera de la Unión Europea  
→ Consorcios.

### Estructura

- *Work Programmes (Bienales)*  
→ 2016-2017 (En: [http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference\\_docs.html#h2020-work-programmes-2016-17](http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html#h2020-work-programmes-2016-17))
- Convocatorias específicas
- Tópicos (dentro de las convocatorias)
- Tipos de Acción



### Experiencias colombianas en H2020 (Cordis)

RENATA | Universidad del Norte | Universidad Javeriana | Universidad Antonio Nariño | Corpoica

# Estructura de las Convocatorias

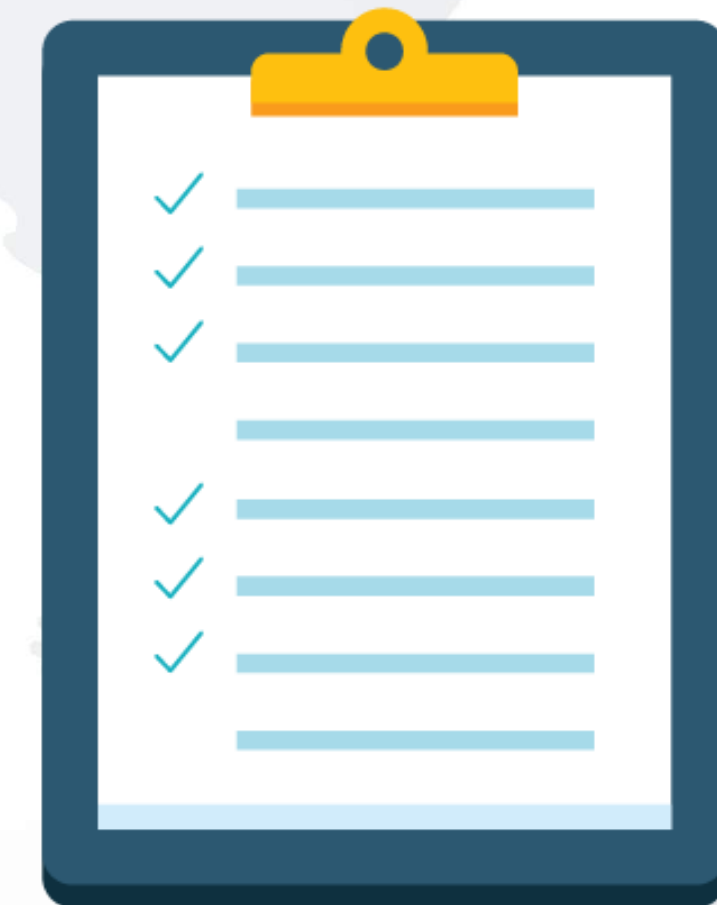
**Programas de Trabajo**



**Call = Convocatoria**



**Topics = Tópicos**



H2020 Other EU programmes FP7

All contents of the H2020 Grants Manual folder below are being transferred to the **ONLINE MANUAL**

- Legal basis ⓘ
  - Framework programmes (EC-Euratom)
  - Rules for participation
  - Specific programme
  - European institute of Innovation and Technology (EIT)
- Model grant agreement
  - General Grant Agreement
  - European Research Council (ERC)
  - Marie-Sklodowska-Curie (MSC)
  - SME Instrument
  - ERANET Cofund
  - Pre-Commercial Procurement (PCP)/Public Procurement of Innovative Solutions (PPI)
  - European Joint Programme Cofund
  - Framework Partnerships
  - Lump sum
- Guidance
  - Section on beneficiary registration, validation and financial viability check
  - Section on proposal submission and evaluation
  - Annotated Model Grant Agreement
- H2020 Prizes Manual
  - Rules for contests of prizes >
- H2020 Experts Manual
  - Contract for experts >
  - H2020 Letter of Appointment for ERC remote referees >
- Specific guidelines
  - ERC rules for submission and evaluation
- Work Programmes
  - 2014-15
  - 2016-17
    - Main WP
      - 1. Introduction 2016-17\_v.2.0 >
      - 2. Future and Emerging Technologies (FETs) 2016-17\_v.2.0 >
      - 3. Marie Sklodowska-Curie actions (MSCA) 2016-17\_v.2.0 >
      - 4. Research infrastructures (including e-Infrastructures) 2016-17\_v.2.0 >
      - 5. Introduction to Leadership in enabling and industrial technologies (LEITs) 2016-17\_v.2.0 >
      - 5i. Information and communication technologies (ICT) 2016-17\_v.2.0 >
      - 5ii. Nanotechnologies, advanced materials, advanced manufacturing and processing, biotechnology 2016-17\_v.2.0 >
      - 5iii. Space 2016-17\_v.2.0 >
      - 6. Access to risk finance 2016-17\_v.2.0 >
      - 7. Innovation in SMEs 2016-17\_v.2.0 >
      - 8. Health, demographic change and wellbeing 2016-17\_v.2.0 >

[http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference\\_docs.html#h2020-work-programmes-2016-17](http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html#h2020-work-programmes-2016-17)





EN

**Horizon 2020**

**Work Programme 2016 - 2017**

*8. Health, demographic change and well-being*

**Important notice on the second Horizon 2020 Work Programme**

This Work Programme covers 2016 and 2017. The parts of the Work Programme that relate to 2017 (topics, dates, budget) have, with this revised version, been updated. The changes relating to this revised part are explained on the Participant Portal.

*(European Commission Decision C(2016)4614 of 25 July 2016)*

*HORIZON 2020 - Work Programme 2016 - 2017  
Health, demographic change and well-being*

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*HORIZON 2020 - Work Programme 2016 - 2017  
Health, demographic change and well-being*

### **Introduction**

The headline goal of the 'Health, Demographic Change and Well-being' Societal Challenge is better health for all. Its main policy objectives are to improve health and well-being outcomes, to promote healthy and active ageing, to promote market growth, job creation, and the EU as a global leader in the health area. The challenges to this goal derive from the ageing of European population and lifestyle patterns, which, if not actively managed through a life-course approach, will increase the burden of chronic diseases on individuals, on existing health and care systems and on society. This will also result in increase of public expenditure coupled with labour force and productivity losses.

The overall strategic orientation for the 'Health, Demographic Change and Well-being' Work Programme 2016-2017 is 'promoting healthy ageing and personalised healthcare'. It directly links with what has been successfully initiated in the years 2014-2015. The programme will implement several research priorities: personalised medicine, rare diseases, human bio-monitoring, mental health, comparative effectiveness research, advanced technologies, e/m-health, robotics, patient empowerment, active and healthy ageing, data security, big data, valorisation, anti-microbial resistance, infectious diseases including vaccines, maternal and child health and the silver economy. In addition, Pilot 1 'Smart Living Environments for Ageing Well' of the focus area call on 'Internet of Things' is jointly implemented by the "Health, Demographic Change and Well-being" Societal Challenge and the "Leadership in enabling and industrial technologies Information and Communication Technologies" (ICT LEIT) (see topic IoT-01-2016: Large Scale Pilots in part 17 of the Work Programme). Those priorities will support the development of evidence-based health and care policies, resulting from scientific research data, ICT solutions and good practices in interventions improving efficiency and quality of health and care systems.

Activities supported under this Societal Challenge offer a unique opportunity to improve the quality of life of EU citizens, to position the EU as a central player in the global context and to stimulate the high quality of European research and innovation (R&I) and industrial competitiveness by mobilising relevant European R&I performers, both public and private. The 'Health, Demographic Change and Well-being' Work Programme 2016-2017 will therefore contribute to the Commission priorities on: 'A new boost for jobs, growth and investment', 'A stronger global player' and 'A connected digital single market'.

The 'Health, Demographic Change and Well-being' Work Programme 2016-2017 makes use of the whole range of instruments available: collaborative research and innovation actions, SME instrument, prizes, innovative financing, programme co-fund, ERA-NET Co-Funds, coordinated and support action including support for Joint Programming Initiatives (JPIs). It also builds strong links and synergies with activities undertaken by the Innovative Medicines

*HORIZON 2020 - Work Programme 2016 - 2017  
Health, demographic change and well-being*

### **Call - Personalised Medicine**

*H2020-SC1-2016-2017*

#### **1.1 Understanding health, well-being and disease**

Proposals are invited against the following topic(s):

#### **SC1-PM-01-2016: Multi omics for personalised therapies addressing diseases of the immune system**

Specific Challenge: Despite much progress in 'omics' and epidemiological research in recent years, the knowledge on the combined role of genetic and non-genetic factors in health and disease is still limited, thus hampering the full development potential of personalised medicine<sup>8</sup>.

There is increasing evidence that interactions with the environment, as reflected in genome-epigenome-proteome-metabolome-microbiome crosstalk, play an important role in disease development and progression. International initiatives such as the International Cancer Genome Consortium (ICGC), the International Human Epigenome Consortium (IHEC) and the International Human Microbiome Consortium have generated high quality comprehensive large scale data catalogues and maps. The challenge is to build on the existing high quality data deposited in relevant databases (e.g. but not limited to: <http://epigenomesportal.ca/ihec/>, <http://docs.icgc.org/data-portal>) and combine these data and knowledge with lifestyle and environmental data, thus accelerating the translation into novel targeted or personalized interventions. These objectives cannot be accomplished on an individual country level which calls for broad transnational collaboration.

Scope: The scope of this topic is to integrate and use high quality genome, epigenome, proteome, metabolome, microbiome data produced by large scale international initiatives with innovative imaging, functional, structural and lifestyle/environmental data, and combine these with disease-oriented functional analysis to contribute to the understanding of health and disease with the final objective of selecting relevant biomarkers for clinical validation that will lead to the development of new targeted therapies for diseases of the immune system. Proposals must build on data from IHEC and, as appropriate, on data from other international initiatives. Proposals should address relevant ethical implications, take into account sex and gender differences and include a section on research data management. International cooperation is requested. Proposals addressing rare diseases of the immune system are not in scope of this action.

European Commission

# RESEARCH & INNOVATION

## Participant Portal

European Commission > Research & Innovation > Participant Portal > Calls

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT Search PP LOGIN REGISTER

### EU Programmes 2014-2020

Search Topics

Call Updates

Calls

- H2020
- Research Fund for Coal & Steel
- COSME
- 3rd Health Programme
- Consumer Programme

### FP7 & CIP Programmes 2007-2013

Calls

## Calls for Proposals

Horizon 2020

Advanced search for topics  
Calls for tenders on TED

- Excellent Science
  - European Research Council (ERC)
  - Future and Emerging Technologies (FET)
  - Marie-Sklodowska-Curie Actions
  - Research Infrastructures
- Industrial Leadership
  - Leadership in enabling and industrial technologies (LEIT)
  - Information and Communication Technologies

Status  Forthcoming  Open  Closed Filter a call FILTER



Sort by  (Planned) Opening Date  Deadline  Call title  Call identifier



<https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/>

**Búsqueda de una Convocatoria**

### Horizon 2020

Search Topics

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Call Updates  

### Other EU Programmes 2014-2020



Research Fund for Coal & Steel



COSME

3rd Health Programme

Consumer Programme

### FP7 & CIP Programmes 2007-2013


Calls  

Call Updates  

Other Funding Opportunities

3  
Results

Keyword Search:

Cancer 

SEARCH

If you don't find your topic, you can also use the [free text search](#).

Status

- Open
- Closed
- Forthcoming

Sort by

- Title
- Call Id
- Publication Date
- Deadline Date

Topic: [Clinical research for the validation of biomarkers and/or diagnostic medical devices:PHC-12-2014](#)

Specific challenge: Biomarkers are used in clinical practice to describe both normal and

Call title: [Horizon 2020 dedicated SME Instrument - Phase 2 2014](#) Status: **Open**  
Call identifier: [H2020-SMEINST-2-2014](#) Deadline: 17-12-2014

Topic: [Clinical research for the validation of biomarkers and/or diagnostic medical devices:PHC-12-2014-1](#)

Specific challenge: Biomarkers are used in clinical practice to describe both normal and

Call title: [Horizon 2020 dedicated SME Instrument - Phase 1 2014](#) Status: **Open**  
Call identifier: [H2020-SMEINST-1-2014](#) Deadline: 17-12-2014

Topic: [FET-Open research projects:FETOPEN-1-2014](#)

Specific challenge: Supporting a large set of early stage, high risk visionary science and

Call title: [FET-Open - Novel ideas for radically new technologies - Research Projects](#) Status: **Open**  
Call identifier: [H2020-FETOPEN-2014-2015-RIA](#) Deadline: 29-09-2015

**Búsqueda por  
Palabra Clave**

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## Horizon 2020

### Societal Challenges

- Health, demographic change and wellbeing
- Food security, sustainable agriculture and forestry, marine and maritime and inland water research
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, environment, resource efficiency and raw materials
- Europe in a changing world - inclusive, innovative and reflective Societies
- Secure societies - Protecting freedom and security of Europe and its citizens

Filter a call

FILTER

Filters only programme and call titles and IDs, for extended search go to the [Search Topics page](#).

### Type

Proposal

Tender

### Status

Forthcoming

Open

Closed

Sort by  Title  Call Id  Planned Opening Date  Deadline Date

Societal Challenges  
Personalising health and care  
H2020-PHC-2015-single-stage\_RT

Deadlines: 24/02/2015  
Planned Opening Date: 29/07/2014

Societal Challenges  
Personalising health and care  
H2020-PHC-2015-two-stage

Deadlines: 14/10/2014  
Planned Opening Date: 29/07/2014

Societal Challenges  
Personalising health and care  
H2020-PHC-2015-single-stage

Deadlines: 21/04/2015  
Planned Opening Date: 29/07/2014

Societal Challenges  
Health Co-ordination Activities  
H2020-HCO-2015



Deadlines: 24/02/2015  
Planned Opening Date: 29/07/2014



Societal Challenges  
IMI2 1st Call for Proposals 2014  
H2020-JTI-IMI2-2014-01

Deadlines: 12/11/2014  
Planned Opening Date: 08/07/2014

In addition to the search facilities, the full list of H2020 Calls can be found [here](#).

**Búsqueda por  
Área**

Calls  

Call Updates  

**Other EU Programmes 2014-2020**



Research Fund for Coal & Steel



COSME

3rd Health Programme

Consumer Programme

**FP7 & CIP Programmes 2007-2013**

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H2020-PHC-2015-single-stage Sub call of: H2020-PHC-2014-2015


**Planned Opening Date** 30-07-2014 **Deadline Date** 21-04-2015 17:00:00 (Brussels local time)

**Budget** €104,500,000 **Main Pillar** Societal Challenges

**Status** **Forthcoming** **OJ reference** OJ C 361 of 11 December 2013

[Call description](#) [Call documents](#) [Get support](#)

In H2020, a proposal is submitted to a specific topic. The full set of information for preparing a proposal for a topic (eligibility and evaluation conditions, proposal templates, evaluation forms, etc.) is available on the topic conditions page. Select a topic from the call description page or go to [Search Topics](#).

 **Download all documents**  
*(EN only, incl. the additional docs.)*

[Legal basis - Specific Programme H2020 en](#)

[WP H2020 - 1. Introduction en](#)

[WP H2020 - draft corrigendum en](#)

**[WP H2020 - 8. Health, demographic change and wellbeing en](#)**

[Legal basis - Framework Programme H2020 en](#)

[Legal basis - Rules for Participation en](#)

[WP H2020 - 19. General Annexes en](#)

[FAQ en](#)

[Evaluation form for H2020-PHC-2015-single-stage-topics-9-15-21-25-28-30 en](#)

[essential information for clinical trials/studies/investigations en](#)

[A guide to ICT-related activities in WP2014-15 en](#)



# Documentos de la Convocatoria

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Call Updates

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Research Fund for Coal & Steel

COSME

3rd Health Programme

Consumer Programme

### FP7 & CIP Programmes 2007-2013

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## PERSONALISING HEALTH AND CARE

H2020-PHC-2015-single-stage

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

**Planned Opening Date** 30-07-2014    **Deadline Date** 21-04-2015 17:00:00 (Brussels local time)  
**Budget** €104,500,000    **Main Pillar** Societal Challenges  
**Status** **Forthcoming**    **OJ reference** [OJ C 361 of 11 December 2013](#)

Call description

[Call documents](#)

[Get support](#)

### Call updates

- 23-07-2014 16:25:49

After the update to the Horizon 2020 Work Programme of 22 July 2014, topics  
**PHC-09-2015** - Vaccine development for poverty-related and neglected infectious diseases:  
HIV/AIDS and  
**PHC-15-2015** - Clinical research on regenerative medicine  
have been moved to call **H2020-PHC-2015-single-stage\_RTD**.

### Topics and submission service

To access the **Submission Service**, please **select the TOPIC** of your interest and then open the Submission Service tab.

To access **existing draft proposals**, please login to the portal and select My Proposals from the My Area menu.

- [PHC-09-2015: PHC 9 - 2015: Vaccine development for poverty-related and neglected infectious diseases: HIV/AIDS](#)
- [PHC-15-2015: Clinical research on regenerative medicine](#)
- [PHC-21-2015: Advancing active and healthy ageing with ICT: Early risk detection and interv](#)

# Tópicos

### Horizon 2020

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Calls



Call Updates



### Other EU Programmes 2014-2020

Research Fund for Coal & Steel

COSME

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Consumer Programme

### FP7 & CIP Programmes 2007-2013

Calls



Call Updates



Other Funding Opportunities

## Personalising health and care

H2020-PHC-2015-single-stage

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

**Planned Opening date** 30-07-2014

**Publication date** 11-12-2013

**Total Call Budget** €104,500,000

**Status**

**Forthcoming**

**Deadline Date** 21-04-2015 17:00:00 (Brussels local time)

**Main Pillar** Societal Challenges

**OJ reference** [OJ C 361 of 11 December 2013](#)

**Topic: Advanced ICT systems and services for integrated care**      **PHC-25-2015**

Topic Description

[Topic Conditions & Documents](#)

[Submission Service](#)

Specific challenge: Research on new models of care organisation demonstrates that advanced ICT systems and services may have the potential to respond to, amongst others, the increasing burden of chronic disease and the complexity of co-morbidities and in doing so contribute to the sustainability of health and care systems.

One challenge in re-designing health and care systems is to develop integrated care models that are more closely oriented to the needs of patients and older persons: multidisciplinary, well-coordinated, anchored in community and home care settings, and shifting from a reactive approach to proactive and patient-centred care.

Scope: Proposals should go beyond the current state of art in tele-health and tele-care systems by developing new approaches for integrated care supported by ICT systems and services. Proposals should address barriers from technological, social and organisational points of view in the following domains:

- Development of robust, privacy compliant, accurate and cost-effective systems that facilitate monitoring of patient status, patient activity and compliance with therapy;
- Fusion, analysis and interpretation of patient and care provider data, to improve decision making among formal and informal care givers and patients;

**Información del  
Tópico  
seleccionado**



## Horizon 2020 – Types of Action

### For Researchers

Type of Action <sup>1</sup>	Code	Minimum Conditions <sup>2</sup>	Funding Rate	Typical Duration	Average EC Contribution	Aim
Research & Innovation Action	RIA	≥ 3 legal entities from 3 MS/AC	100%	36-48 months	€ 2.0 – 5.0M	collaborative research projects
Innovation Action	IA	≥ 3 legal entities from 3 MS/AC	70% <sup>3</sup>	30-36 months	€ 2.0 – 5.0M	produce plans & arrangements or designs for new, altered or improved products, processes or services
Coordination & Support Action	CSA	1 legal entity	100%	12-30 months	€ 0.5 – 2.0M	accompanying measures (standardisation, dissemination, policy dialogues etc.) no research
MSCA <sup>4</sup> (except Cofund)	MSCA	see separate factsheet				facilitate mobility of researchers for training & career development
ERC Grants	ERC	1 legal entity in MS/AC	100%	60 months	Starting: ≤ € 2.0M Consolidator: ≤ € 2.75M Advanced: ≤ € 3.5M	support excellent investigators and their research teams to pursue ground-breaking, high-gain/ high-risk research
Prizes	PRI	1 legal entity	n/a	n/a	variable; see respective topic	- recognise past achievements - induce future activities
SME Instrument	SME	1 SME in MS/AC	3 phases: <ul style="list-style-type: none"> <li>Phase 1: lump sum of € 50K / project</li> <li>Phase 2: € 1 – 2.5M / project (1-2 years) (70% of eligible costs reimbursed)</li> <li>Phase 3 : no funding</li> </ul>			combination of demonstration activities (testing, prototyping, ...), market replication
Fast Track to Innovation	FTI	≤ 5 legal entities from 5 MS/AC	70% <sup>3</sup>	tbd	≤ € 3.0M	produce plans & arrangements or designs for new, altered or improved products, processes or services

<sup>1</sup> Defined in the Work Programme.

<sup>2</sup> Additional conditions may be listed in the respective Work Programmes.

<sup>3</sup> 100% for non-profit organisation (= any legal entity except companies)

<sup>4</sup> MSCA = Marie Skłodowska Curie Actions

**For Public Sector and other Funding Bodies, Programme Managers etc. (Cofund Actions)**

Type of Action <sup>1</sup>	Funding Code	Minimum Conditions <sup>2</sup>	Funding Rate	Typical Duration	EC Contribution	Comment
MSCA Cofund <sup>3</sup>	MSCA Cofund	1 legal entity	50%	36-60 months	≤ € 10.0 M	Co-funding of regional, national & international doctoral & fellowship programmes
ERA-NETs	ERA-NET	≥ 2 legal entities in MS/AC	33%	60 months	variable, see respective topic	coordinate research efforts of participating MS/AC in the field described & implement joint transnational call for proposals with EU co-funding
Pre-Commercial Procurement	PCP	≥ 3 public procurers from MS/AC	70%	18-48 months for 2 Phases: A) Preparation B) Execution	variable, see respective topic	enable the public sector as a technologically demanding buyer to encourage research, development and validation of breakthrough solutions in areas of public interest
Public Procurement of Innovative Solutions	PPI	≥ 3 public procurers from MS/AC	20%	18-48 months for 2 Phases: A) Preparation B) Execution	variable, see respective topic	enable trans-national buyer groups of procurers to share the risks of acting as early adopters of innovative goods or services which are not yet available on a large-scale commercial basis

<sup>1</sup> Defined in the Work Programme.

<sup>2</sup> Additional conditions may be listed in the respective Work Programmes.

<sup>3</sup> MSCA = Marie Skłodowska Curie Actions. For further details on MSCA Cofund, see also our separate MSCA factsheet.

## ¿Cómo aplicar?

- **Determinar una idea.**
- **Seleccionar un tópico / convocatoria.**
- **Buscar socios.**
  - En línea con los objetivos del proyecto.
  - Motivación y compromiso.
  - Complementariedad: geográfica, experiencia, reputación, conocimientos, tipo de institución, etc.
  - Confianza mutua.

## ¿Cómo aplicar?

### ➤ **Formación del Consorcio**

### ➤ **Elaborar la propuesta:**

- Registre a su organización. (PIC, LEAR, Participant Portal)
- Revisar los temas transversales al tópico elegido.
- Leer todos los documentos propuestos en la convocatoria.
- Considerar los criterios de evaluación y respetar las indicaciones de la UE.
- Siempre considerar: Excelencia, Impacto, Implementación, Miembros del Consorcio, Ética y Seguridad.
- Seguir la Guía del Participante.

# ¿Cómo encontrar socios?

1. Activar contactos internacionales
2. Inscribirse en **CORDIS** ([https://cordis.europa.eu/account/register\\_en](https://cordis.europa.eu/account/register_en))
3. Revisar buscadores de socios en (**CORDIS**) ([http://cordis.europa.eu/home\\_en.html](http://cordis.europa.eu/home_en.html))

2

**CORDIS**  
Community Research and Development Information Service

European Commission > CORDIS > My Account > Create account

Search Sign in

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**My Account**

- Sign in
- Create account
- Reset password
- Help

**Create account**

Username \*

First name \*

Last name \*

Email \*

you@domain.com

Confirm email \*

you@domain.com

Language preference \*

English (en)

\* I agree with the [Privacy Statement](#)

Create account Clear

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Community Research and Development Information Service

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**EU Research Partners**

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- Browse these active profiles and collaboration requests to build your network:
  - 6914 Partner profiles
  - 156 Open FP7 Calls for Proposals
  - 4681 Partnership requests
    - 994 Proposing project
    - 3687 Offering collaboration
  - 281 Groups
- Contact National Contact Point networks to get further support to find partners in your specific theme
- View the help pages and video tutorials

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## ¿Cómo encontrar socios?

### 4. Inscribirse en el Participant Portal de Horizonte 2020

<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

4

The screenshot shows the 'RESEARCH & INNOVATION Participant Portal' for the European Commission. It features a navigation menu with options like 'HOME', 'FUNDING OPPORTUNITIES', and 'HOW TO PARTICIPATE'. A central banner for 'Horizon 2020 Funding' is visible, along with a list of EU programmes and user guides for both non-registered and registered users. A footer contains quick links for 'WHAT'S NEW?', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'WORK AS AN EXPERT', 'MY PERSONAL AREA', and 'INFORMATION AND SUPPORT'.



The screenshot displays the 'EUROPEAN COMMISSION AUTHENTICATION SERVICE (ECAS)' login interface. It includes a header with the European Commission logo and a navigation bar. The main content area features a large blue banner stating 'ECAS authenticates your identity on European Commission websites'. Below this, there's a section for 'External' users with a globe icon and a 'CHANGE IT' button. To the right, there are input fields for 'Username or e-mail address' and 'Password', along with checkboxes for 'Remember my username', 'Warn me each time an application asks for my identity', and 'View my ECAS account details after logging me in'. A 'LOGIN!' button is positioned below these options. At the bottom, there's a 'Log in with your' section with icons for various authentication methods: Password, Mobile phone, Token, Software token, eID, ECAS mobile app, and Token CRAM.

### 5. Redes de Colciencias (ERA-Net, Alcue-Net, ELAN)

## ¿Cómo encontrar socios?

6. Usar la red de **NCPs**

([http://ec.europa.eu/research/participants/portal/desktop/en/support/national\\_contact\\_points.html#c,contact=country/sbg/Colombia/1/1/0&function\\_details..function\\_abbr/sbg//1/1/0&+person.last\\_name/desc](http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html#c,contact=country/sbg/Colombia/1/1/0&function_details..function_abbr/sbg//1/1/0&+person.last_name/desc))

7. Para encontrar empresas: **Enterprise Europe Network (EEN)** (<http://een.ec.europa.eu/>)

6

The screenshot shows the 'National Contact Points' section of the European Commission Participant Portal. It includes a search form with dropdown menus for 'Country' (set to Colombia) and 'All functions' (set to Coordinator). Below the search form, there are two entries for NCP coordinators in Colombia: Mrs. Carolina Peláez Peláez and Mr. Francisco Solano. Each entry provides contact information, including address, phone, fax, and website. A 'Send Mail' button is present for each entry. At the bottom, there is a section titled 'What is the NCP network?' with a brief description of the network's role.

7

The screenshot shows the Enterprise Europe Network (EEN) website. The header includes the EEN logo and navigation links: HOME, ABOUT, CONTACT POINTS, OUR SERVICES, SECTOR GROUPS, EVENTS, and SUCCESS STORIES. There is a search bar and a 'MEMBER'S CORNER' link. The main content area features two prominent sections: 'Find your local contact point' and 'Partnering opportunities'. The 'Find your local contact point' section includes a text block explaining the network's purpose and two search dropdowns for 'EU country' and 'non-EU country'. The 'Partnering opportunities' section displays two news items with dates and titles, such as 'Advanced piezoelectric proportional and pinch valves' and 'Supplier of paprika, dried citrus peels and various kinds of flours is looking for distributors'. A large image of a person in a suit pointing at a glowing globe is visible at the bottom.

## ¿Cómo encontrar socios?

8. Consultar consorcios apoyados por **la UE por cada tema:**

- a. Net4Mobility (MSCA): [www.net4mobility.eu/](http://www.net4mobility.eu/)
- b. NMP Partner Search Facility: [www.nmpteam.com](http://www.nmpteam.com)
- c. Health NCP Network <http://www.healthncpnet.eu/>
- d. Security NCP Network <http://www.seren-project.eu/>
- e. SSH NCP Network (NET4SOCIETY) <http://www.net4society.eu/>
- f. Transport NCP Network <http://www.transport-ncps.net/>
- g. ICT NCP Network (Ideal-IST) <http://www.ideal-ist.eu/>
- h. SPACE NCP Network (COSMOS) <http://www.fp7-space.eu/>
- i. ENVIRONMENT NCP Network <http://www.env-ncp-together.eu/>
- j. KBBE NCP Network (Bionet) <http://www.ncp-bio.net/>
- k. Energy NCP Network <http://www.c-energyplus.eu>
- l. BioHorizon: <http://www.ncp-biohorizon.net/>
- m. NCPs CaRE: <http://www.ncps-care.eu/>
- n. NCPs Wide Net: <http://www.ncpwidenet.eu/>



## ¿COLCIENCIAS en H2020?

### **COLCIENCIAS es el punto nacional de contacto (NCP) coordinador en Colombia para H2020**

- Organizar eventos de socialización.
- Coordinar la Red de Puntos Nacionales de Contacto.
- Transferir experiencia, conocimiento y contactos a los investigadores.
- Unir Oferta y Demanda → Reenviar información sobre convocatorias.
- Somos NCP de Marie Sklodowska Curie.
- La oficina de internacionalización tiene una persona dedicada para asesorar acerca de participación en H2020.
- Mayor información: [fssolano@colciencias.gov.co](mailto:fssolano@colciencias.gov.co)



## Estrategia de Internacionalización – H2020 – 2016

### Objetivo General:

Aumentar el número de personas en capacidad para aplicar al Octavo Programa Marco “Horizonte 2020”.

### Objetivos Específicos:

1. Crear un espacio en la página web de Colciencias ([www.colciencias.gov.co](http://www.colciencias.gov.co)) para Horizonte 2020.
2. Difundir y generalizar la información de Horizonte 2020 por medio de la página web.
3. Asignar puntos de contacto nacionales a otras instituciones estratégicas.
4. Ofrecer tres (3) talleres focalizados para grupos de interés identificados por la Oficina de Internacionalización.
5. Ampliar la audiencia de los talleres focalizados por medio de una plataforma virtual
6. Ofrecer recursos mediante una convocatoria tipo “ventanilla abierta” para realizar movilidades, en pro de la conformación de consorcios en el marco de H2020. **Abierta desde el 16 de mayo de 2016**

# CONVOCATORIA HORIZONTE 2020

## OBJETIVO:

Apoyar la movilidad internacional de investigadores reconocidos por Colciencias y empresarios colombianos para la eventual conformación de consorcios que deseen aplicar a convocatorias de **HORIZONTE 2020**.



**Investigadores o**  
Grupos de investigación  
reconocidos por Colciencias

## ¿QUIÉNES PUEDEN PARTICIPAR?

Empresas con Unidades de  
**I + D + i**



## ¿CUÁLES SON LOS REQUISITOS GENERALES?

-  **1.** Prueba manifiesta del interés de una contraparte europea de **participar en un consorcio**.
-  **2.** Una **propuesta** de aplicación a **Horizonte 2020**.
-  **3.** Cronograma y presupuesto
-  **4.** Carta unificada de aval y **compromiso institucional** de la propuesta de la entidad o empresa que **presenta la solicitud**.



**Importante:** consulten las condiciones de participación en [www.colciencias.gov.co](http://www.colciencias.gov.co)

## ¿QUÉ FINANCIA LA CONVOCATORIA?

Mínimo una movilidad nacional de un colombiano a Europa.



10 propuestas de movilidad  
(cada una mínimo 2 personas)



Mínimo una movilidad de un nacional europeo hacia Colombia.

Presupuesto: **\$30'000.000 COP**

### Rubros financieros

1. **Movilidad** (tiquetes aéreos desde cualquier parte de Colombia hacia Europa y viceversa)
2. **Viáticos** (Gastos de estadía)

## PASO A PASO PARA POSTULACIÓN DEL PROYECTO

1. **Ingrese a [www.colciencias.gov.co](http://www.colciencias.gov.co)** en la sección portafolio / internacionalización y consulte el banco de convocatorias disponibles del **programa H2020**.
2. Consulte los **términos de participación** de la convocatoria de Colciencias.
3. Tenga en cuenta la **GUÍA DEL PARTICIPANTE**.
4. **Identifique** previamente su **socio estratégico en Europa**.
5. **Desarrolle la propuesta** integral para postular a la convocatoria.
6. **Envíe la propuesta** al correo electrónico **convocatoriahorizonte2020@colciencias.gov.co** con la documentación requerida en los plazos establecidos.
7. **Colciencias notificará el resultado** de la evaluación.

## VIGENCIA DE LA CONVOCATORIA



La **recepción de las solicitudes** es de forma permanente **durante un año** (mayo 16 de 2016 a mayo 16 del 2017) **hasta la asignación total de los recursos** destinados en la convocatoria.

/colciencias @colciencias  
[www.colciencias.gov.co](http://www.colciencias.gov.co)

INVITACIÓN A PRESENTAR PROPUESTA  
ASIGNACIÓN DE PUNTOS NACIONALES DE  
**CONTACTO TEMÁTICOS EN COLOMBIA**

### Objetivo de la Invitación

Asignar Puntos Nacionales de Contacto Temáticos que deseen apoyar en la difusión y capacitación de HORIZONTE 2020 en el país.

### ¿Qué son los Puntos Nacionales de Contacto (PNC)?

Red de personas e instituciones que brindan asesoría profesional especializada a los interesados en el Programa Horizonte 2020.

Para Colombia, Colciencias es el PNC Coordinador. La invitación busca seleccionar los Puntos Nacionales de Contacto Temáticos que apoyarán la difusión y capacitación de Horizonte 2020 en temas específicos.

### ¿Quiénes pueden participar?

Instituciones privadas o públicas colombianas.

### ¿Cuáles son las principales acciones de los PNC?


- Informar sobre Horizonte 2020, en particular sobre el tema elegido, a través de actividades de promoción y sensibilización.
- Asistir, asesorar y entrenar en Horizonte 2020.
- Orientar y hacer recomendaciones sobre procedimientos administrativos del Programa y explicar las modalidades y esquemas de financiamiento.
- Cumplir con las acciones mínimas establecidas.

### ¿Cuáles son los beneficios de ser un PNC?

- A)** Reconocimiento oficial como PNC ante la Unión Europea y un estatus diferenciado entre otras instituciones interesadas en Horizonte 2020.
- B)** Posibilidad de participar en consorcios de PNCs oficiales; esto quiere decir que pueden acceder a información sobre convocatorias, eventos, financiamiento para asistir a capacitaciones y oportunidades de cooperación.
- C)** Obtener información de primera mano de eventos, convocatorias y tópicos en el marco de Horizonte 2020.

### ¿Cómo participo?



1. Diligenciar formato de inscripción (descargar adjunto aquí) 
2. Remitir la propuesta junto con formato de inscripción al correo [fssolano@colciencias.gov.co](mailto:fssolano@colciencias.gov.co), indicando como asunto de correo **"ASIGNACIÓN DE PUNTOS NACIONALES TEMÁTICOS EN COLOMBIA"**
3. Colciencias evaluará la información registrada y notificará a los seleccionados

### Plazo de ejecución:



La invitación a presentar propuestas está abierta hasta el 2 de diciembre de 2016.

Consulte más información del proceso y requisitos aquí.



## Links de interés:

- TODO ACERCA DEL HORIZONTE 2020: <http://ec.europa.eu/programmes/horizon2020/en>
- Página de H2020 en Colciencias: <http://www.colciencias.gov.co/portafolio/internacionalizacion/horizonte2020>
- GUIA DEL PARTICIPANTE (HECHA POR EL MINISTERIO DE ECONOMIA Y COMPETITIVIDAD DE ESPAÑA): <http://eshorizonte2020.cdti.es/index.asp?TR=A&IDR=1&iddocumento=4555>
- COMO PARTICIPAR: <http://ec.europa.eu/research/participants/portal/desktop/en/funding/index.htm>
- PARA INSCRIBIRSE COMO EXPERTO (participar como evaluador): <http://ec.europa.eu/research/participants/portal/desktop/en/experts/index.html>
- PARA ENCONTRAR PROYECTOS Y SOCIOS: <http://horizon2020projects.com/all-partner-profiles/>
- BASE DE DATOS CON LOS PERFILES DE LOS SOCIOS (CORDIS): <https://cordis.europa.eu/partners/web/guest/home>
- HORIZONTE 2020 EN RESUMEN: [http://europa.eu/rapid/press-release\\_MEMO-13-1085\\_en.htm](http://europa.eu/rapid/press-release_MEMO-13-1085_en.htm)
- INSTITUTO EUROPEO DE TECNOLOGÍA E INOVACIÓN: <http://eit.europa.eu/>
- CENTRO COMUN DE INVESTIGACIÓN DE EUROPA (JRC): <http://ec.europa.eu/dgs/jrc/index.cfm>
- EURAXESS (movilidad de investigadores): <http://ec.europa.eu/euraxess/>
- PASO A PASO PARA BECAS ERC: <http://erc.europa.eu/>
- DOCUMENTACION TÉCNICA Y ESPECÍFICA DE H2020: [http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference\\_docs.html](http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html)
- TIPOS DE ACCIÓN EN H2020: [https://www.euresearch.ch/fileadmin/redacteur/European\\_Programmes/H2020\\_Types\\_of\\_Action.pdf](https://www.euresearch.ch/fileadmin/redacteur/European_Programmes/H2020_Types_of_Action.pdf)
- NCP ACADEMY: CURSOS BASICOS DE H2020: <http://www.ncpacademy.eu/>
- Convocatoria 759 de 2016: <http://www.colciencias.gov.co/convocatorias/internacionalizacion/convocatoria-para-apoyar-la-movilidad-internacional-en-la>



**PROGRAMA**

# **HORIZONTE2020**

Abierto al mundo

[www.ec.europa.eu/horizon2020](http://www.ec.europa.eu/horizon2020)



**COLCIENCIAS**



**TODOS POR UN  
NUEVO PAÍS**  
PAZ EQUIDAD EDUCACIÓN