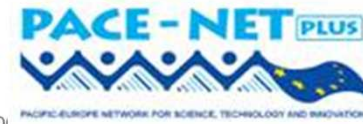




Supporting  
International  
Cooperation  
under Horizon 2020



# Horizon 2020, the new European financing programme for Research and Innovation



## The National Contact Points network

**HORIZON 2020**

LE PROGRAMME DE RECHERCHE ET  
D'INNOVATION DE L'UNION EUROPÉENNE



+ Think Tank - Papeete - 14/11/2014 - VH



# Structure of Horizon 2020 financing programme (2014-2020)



**RDI**

**Pilar 1**

**24,4 Md€**

**Excellence**

Fundamental research (ERC)  
 Futures and emerging Technologies (FET)  
 Research Infrastructures  
 Marie Skłodowska Curie  
 +Elargissement, Science et Société

**Euratom**

Fission  
 Fusion

**EU Institut  
 Innovation &  
 Technologie  
 EIT / KIC**

**Pilar 2**

**Industrial leadership**

ICT, Key technologies  
 (microelectronics, photonics,  
 nanotechnologies, advanced materials,  
 process, biotechnology)  
 Innovation in SME  
 Capital Risk Access  
 Space

**17,9 Md€**

**Pilar 3**

**Societal Challenges**

- Health, demographic change, well-being
- Food security, bioeconomy
- Clean, secure, efficient Energy
- Smart, green and integrated Transports
- Climate, environment, raw materials
- Inclusive, innovative and relectives societies,
- Secure societies

**31,7 Md€**





## H2020 : Who can participate ?

- The 28 European Union State members, including their overseas departments
- The Overseas Countries and Territories (OCT) linked to the Member states
- Including the following OTC / PTOM : **Anguilla, Aruba, Bermuda, Bonaire, British Virgin Islands, Cayman Islands, Curaçao, Falkland Islands, French Polynesia, Greenland, Montserrat, New Caledonia, Pitcairn Islands, Saba, Saint my, Saint Helena, Saint Pierre and Miquelon, Sint Eustatius, Sint Maarten, Turks and Caicos Islands, Wallis and Futuna..**
- The associated countries
- **Other countries like** : *American Samoa, Fiji, Salomon Islands, Tonga, Vanuatu, etc ..*
- Other countries participants whose contribution to the project is considered to be essential
- A specific cooperation agreements signed with the EC (ex. USA in Horizon 2020 Health Projects)
- Australia can take part to the ERC programme



## H2020 : which type of project ?

- **Research and Innovation Actions : (RIA)** = collaborative projects : small (< 10 partners - 1,5M€), medium (4 à 6 M€ ou large (> 15 partners – > 10M€)
- **Coordination actions (CSA)** < 500 000€
- **Individual grants** Marie Sklodowska Curie
- **Sme targeted research projects** (with a share of intellectual property) (4 partners – 1M€)
- **Excellence** : specific grants to finance high qualified researchers « Starting Grant » or « Advanced Grant »



# Health, demographic change, well-being Context of the societal Challenge

- **Demographic change**
- An increase in the burden of **non-communicable diseases**
- **Rising cost** of health care, and pressure on health systems
- **Increasing costs** of drug development and vaccines
- **Lack of evidence** on the comparative advantages and effectiveness of current approaches and practices (+ disparity in results)



# Health, demographic change, well-being Ambition of the Societal Challenge

## A Global Approach

- Horizontal approach based on challenges, which capitalises on **integration across disciplines and diseases**
- Cover **the entire innovation chain** from basic research to deployment of products, procedures and services
- Mobilising **the potential of information technology** for the benefit of health research and care
- Integrate research efforts in a **global health policy** meeting the European needs
- Boost the development of **drugs and vaccines**
- Contribute to **improving global health**






# Structuration of Health programme 2014-2015

Focus sur “*personalising health and care*” : 7 main topics:

- *Understanding health, ageing and disease*
- *Effective health promotion, disease prevention, preparedness and screening*
- *Improving diagnosis*
- *Innovative treatments and Technologies*
- *Advancing Active and Healthy Ageing*
- *Integrated, sustainable, citizen-centred care*
- *Improving health information, data exploitation and providing an evidence base for health policies and regulation*



## **Call Example in the Area: Effective *health promotion, disease prevention, preparedness and screening***

**PHC 7 - 2014** Improving the control of infectious epidemics and foodborne outbreaks through rapid identification of pathogens (**closed**)

**Specific challenge:** *Human and animal health worldwide is increasingly threatened by potential epidemics caused by existing, new and emerging infectious diseases (including from antimicrobial resistant pathogens), placing a burden on health and veterinary systems, reducing consumer confidence in food, and negatively affecting trade, food chain sustainability and food security.*

**Scope :** *Sequence based data of pathogens should be generated, stored and analysed in combination with clinical, microbiological, epidemiological, additional gene- and transcriptome-based analyses and other data (e.g.: differing responses in women and men) for risk assessment (RA) in an appropriate information system for all sectors (public health, food, animal health).*

**Expected Impact** *This will provide:*

- *Better containment and mitigation of epidemics by competent authorities on the basis of a shared information system and global standards for rapid pathogen identification.*
- *Consequent improved resource efficiency and reduction of economic impact of outbreaks (related to health care costs, market losses); facilitation of international trade, increasing competitiveness of European food and agricultural sector; reinforcement of food chain sustainability and enhancement of food security, reduced carbon footprint.*
- **Research and innovation action** = Collaborative Project  
*The CE foresees projects between 10-15 million euros*





# Curent Call for proposals

**Horizon 2020 was launched in december 2013**

**The first Work programme covers calls for proposals for 2014-2015.**

Societal Challenge	Call	dates
Challenge 1 : <b>Health, demographic change, well-being</b>	Call 2015, 2 stages projects	(October 14, 2014) April 21, 2015
	Call 2015, 1 stage projects	February 24, 2015 OR April 21, 2015

**The work Programme 2016-2017 is under construction**  
**The first drafts will be available before mid 2015**

# Applying for funding – your one-stop shop

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RESEARCH & INNOVATION  
Participant Portal

European Commission > Research & Innovation > Participant Portal > Home

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT LOGIN REGISTER

## Welcome to the Research and Innovation Participant Portal

**About the Participant Portal:**

The Participant Portal is your entry point for the electronic administration of EU-funded research and innovation projects. It hosts services for managing proposals and projects throughout their lifecycle.

The Participant Portal supports activities funded mainly by the following EU programmes:

**Using the Participant Portal:**

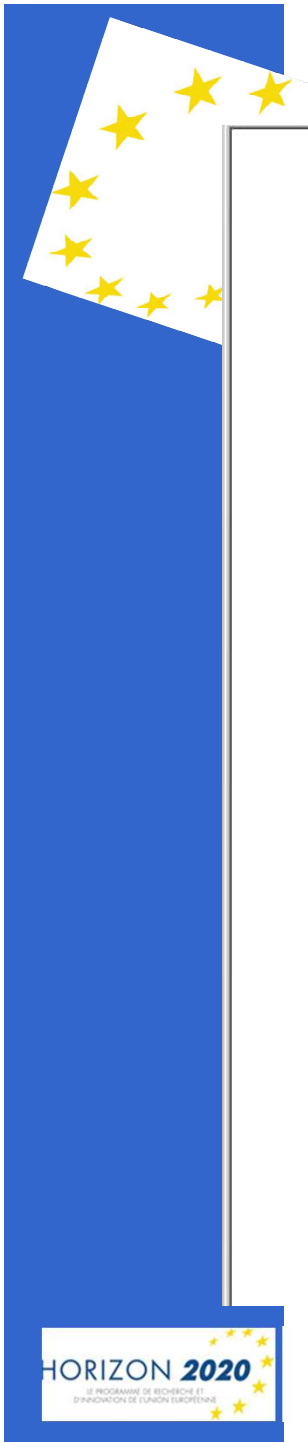
**As a guest user, browse the public pages to:**

- search for funding opportunities
- download guidance and legal documents
- search for the participant identification code (PIC) of an organisation
- contact the FP7 support services and browse the FAQ for guidance on the Participant Portal tools

<http://ec.europa.eu/research/participants/portal>

Programme (CIP)

WHATS NEW FUNDING OPPORTUNITIES HOW TO PARTICIPATE? WORK AS AN EXPERT ACCESS MY PERSONAL AREA INFORMATION AND SUPPORT



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# RESEARCH & INNOVATION

## Participant Portal

European Commission > Research & Innovation > Participant Portal > Calls

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### Horizon 2020

Search Topics  
Calls  
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

### Horizon 2020

- Innovation in SMEs
- 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

Type:  Proposal,  Tender  
Status:  Open,  Closed,  Forthcoming

FILTER

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

Sort by:  Title,  Call Id,  Publication Date,  Deadline Date

Programme	Call Title	Deadline	Pub.Date
Societal Challenges	Personalising health and care H2020-PHC-2015-two-stage	14/10/2014	11/12/2013
Societal Challenges	Personalising health and care H2020-PHC-2015-single-stage	21/04/2015	11/12/2013
Societal Challenges	Health Co-ordination Activities H2020-HCO-2015	21/04/2015	11/12/2013

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

HORIZON 2020 RESEARCH ON EUROPA CORDIS OLAF

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## Where to find your Collaborative projects partners ?

### **DO USE your own network first**

- **Use the European projects experts networks**
  - Within your university or institution
  - Sme can be referred by the regional networks : Enterprise Europe Network, Clusters,
  - Partening service of : [www.fitforhealth.eu](http://www.fitforhealth.eu)
  - Cordis partners portal: [http://cordis.europa.eu/partners-service/home\\_fr.html](http://cordis.europa.eu/partners-service/home_fr.html)
- **Take part of European or international events**
  - Infodays organised by the NCP networks
  - Brokerage Events : tecnology based one to one meetings
  - Specialised thematic fairs
  - European Commission infoDays
- **Become a EC project expert evaluator**

# Horizon 2020 French Challenge Health NCP

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 Céline DAMON	PCN	Université d'Aix-Marseille	33 4 91 99 85 95	 Contact
Adeline BARRE	Suppléante	Université Bordeaux 2	33 5 57 57 46 78	 Contact
 Véra FRASSETTO	PCN	CNRS - Centre national de recherche scientifique	33 1 44 96 40 60	 Contact
Marielle MAILHES	PCN	Bpifrance	33 1 41 79 91 35	 Contact
 Virginie SIVAN	PCN	CEA - Commissariat à l'énergie atomique et aux énergies alternatives	33 1 46 54 98 58	 Contact
 Valérie HANDWEILER	PCN	CHRU de Montpellier	33 4 67 33 96 43	 Contact



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ET DE LA RECHERCHE







# HORIZON 2020

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POUR LA RECHERCHE ET L'INNOVATION

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 [PME](#)

RECHERCHER...



Accueil > Horizon 2020 > Défis sociétaux > Santé

> Recherche avancée multicritères

## SANTÉ, DÉMOGRAPHIE, BIEN-ÊTRE

### Actualités



28.10.2013

#### Réunions d'information du Point de Contact National (P.C.N.) santé en région

Le P.C.N. santé, en collaboration avec les partenaires locaux, organise une série de réunions d'information en

### AGENDA

27 NOV

ERC : session nationale d'information Horizon 2020

PARIS

27 NOV

Actions Marie Sklodowska-Curie : session nationale d'information Horizon 2020

PARIS

### LE DÉFI SANTÉ

> Présentation

### LE POINT DE CONTACT NATIONAL

> Présentation et contacts







**aviesan**  
alliance nationale  
pour les sciences de la vie et de la santé



**bpi**france



**Inserm**

**CNCR**  
COMITÉ NATIONAL DE COORDINATION DE LA RECHERCHE



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ET DE LA RECHERCHE

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*Thank you for your attention ...*

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