

# Horizon2020

## *SC1 – Health, Demographic change and Wellbeing*



BRUNO MOURENZA

*Horizon 2020*

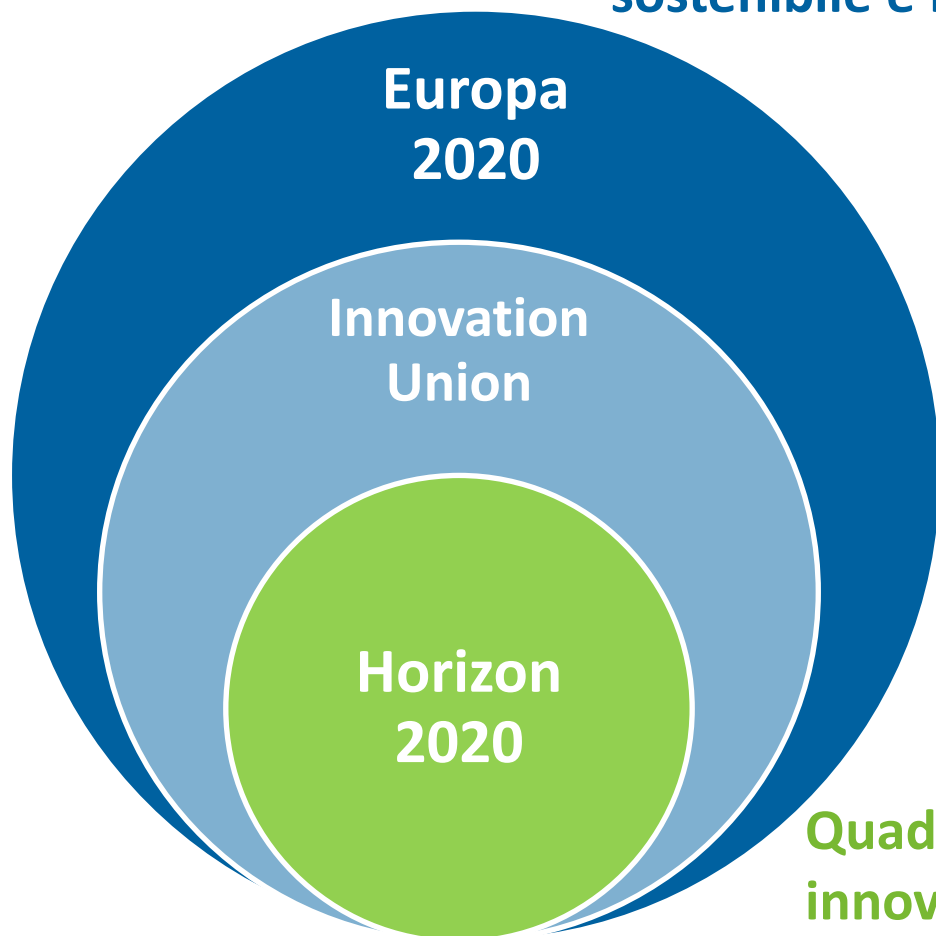
*Punto di Contatto Nazionale*

*SALUTE*



Horizon 2020  
European Union Funding  
for Research & Innovation

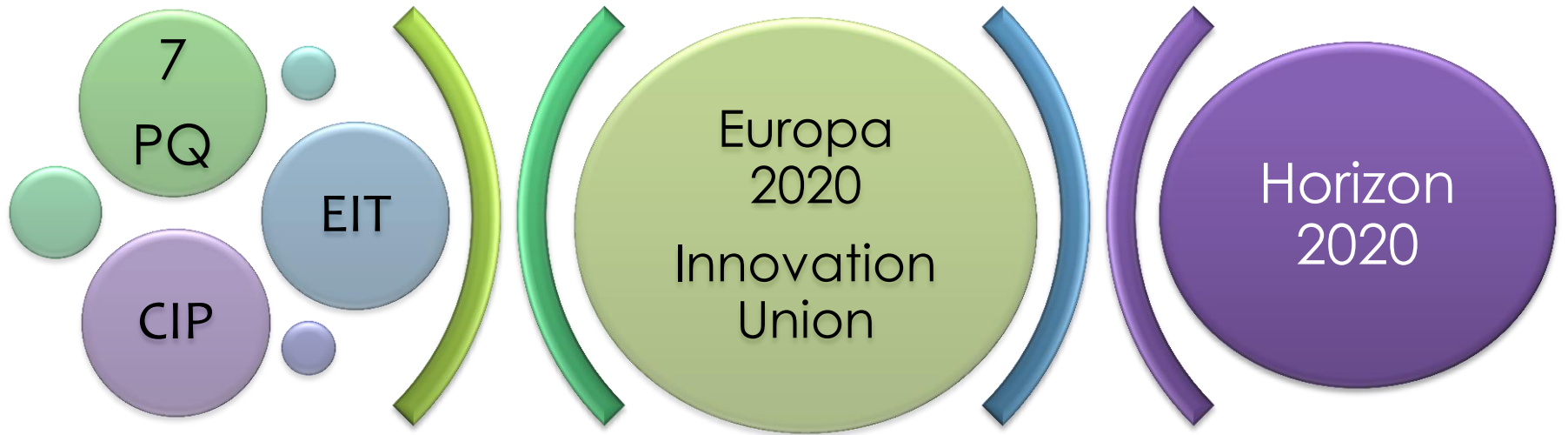
## Strategia per una crescita intelligente, sostenibile e inclusiva



Iniziativa faro di sostegno alla  
ricerca e all'innovazione

Quadro strategico comune su ricerca e  
innovazione (2014- 2020)

# Verso Horizon 2020



2007 - 2013



2014 - 2020



# Horizon 2020

## The Framework Programme for research and Innovation



### Il Settimo Programma Quadro (7° PQ)

*Finanzia le attività di ricerca, sviluppo tecnologico e dimostrazione nell'intera UE. € 53 miliardi (2007-13)*

### Il Programma quadro per la competitività e l'innovazione (CIP)



*Inteso a incoraggiare la competitività dell'industria europea, si rivolge principalmente alle PMI. € 3,6 miliardi (2007 -2013)*

### L'Istituto europeo di innovazione e tecnologia (EIT)

*riunisce i settori dell'istruzione superiore, della ricerca e delle imprese  
 › scopo di stimolare l'innovazione d'avanguardia a livello mondiale. € 309 milioni (2007-13)*



*In stretta complementarietà con la **Politica di coesione** aumentare la capacità di cambiamento e di innovazione delle economie regionali. € 86 miliardi (2007-2013)*

# Three Priorities What's New?



- A **single** programme
- More innovation –  
 “from research **to retail**”
- Focus on **societal challenges**
- **Simplified** and broader access

# Struttura del programma

## Excellent Science

- **European Research Council**
  - Frontier research by the best individual teams
- **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

## Industrial Technologies

- **Leadership in enabling and industrial technologies**
  - ICT, nanotechnologies, materials, biotechnology, 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 Challenges

- **Health, demographic change and wellbeing**
- Food security, sustainable agriculture, marine and maritime research & the bioeconomy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, resource efficiency and raw materials
- Inclusive, innovative and reflective societies
- Security society

European Institute of Innovation and Technology (EIT)

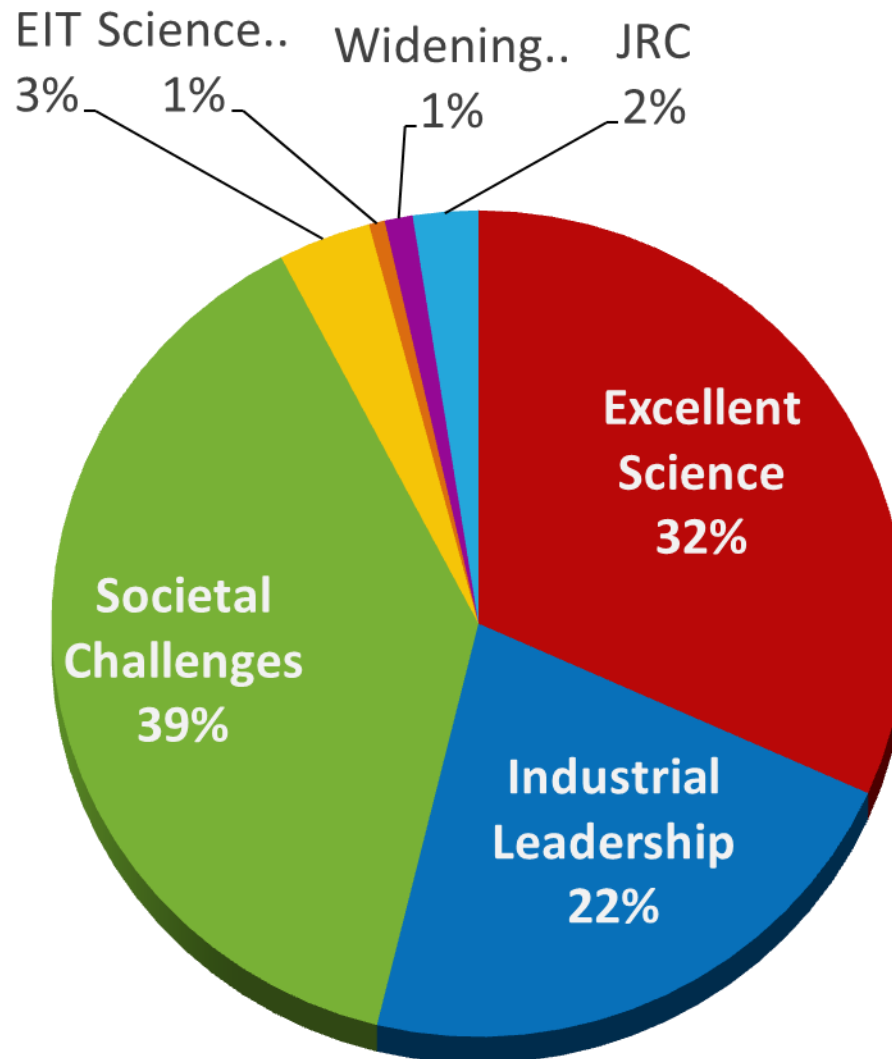
Spreading Excellence and Widening Participation

Science with and for society

Joint Research Center (JRC)

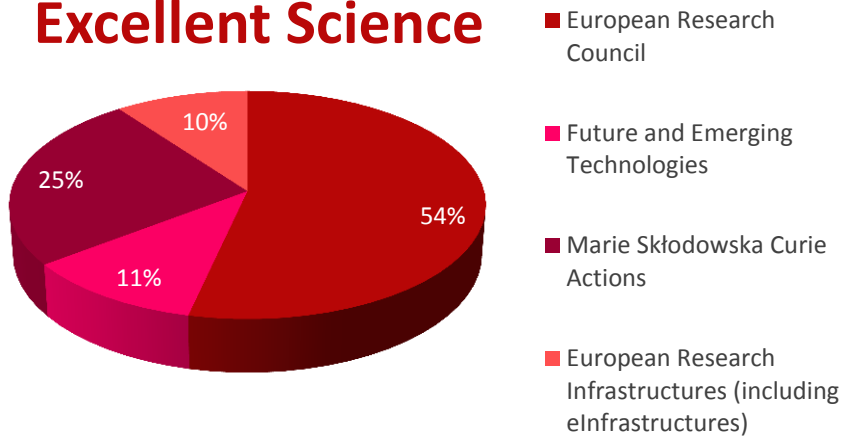


# Ripartizione finanziaria globale

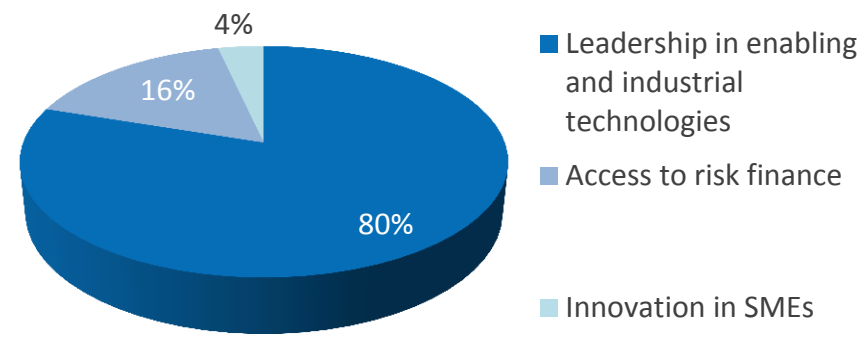


# Il budget per le attività

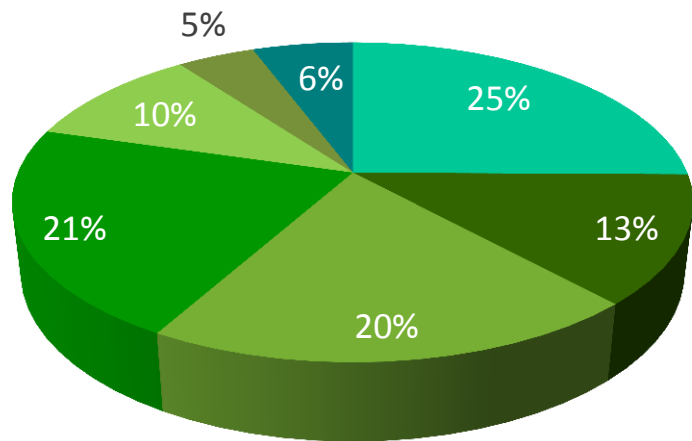
## Excellent Science



## Industrial Leadership



## Societal challenges



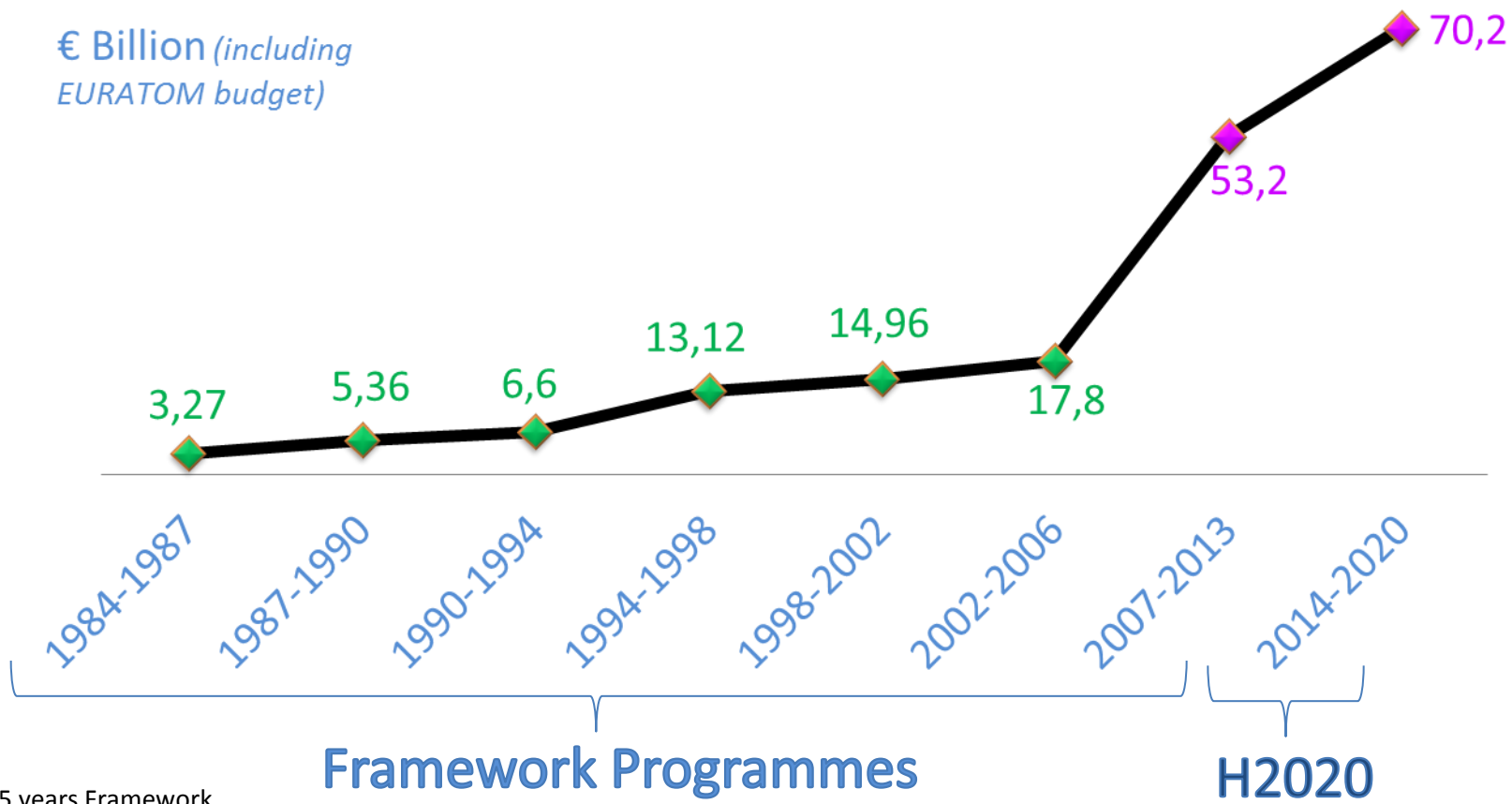
- Health, demographic change and wellbeing
- Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy:
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, environment, resource efficiency and raw materials
- inclusive, innovative and reflective Societies
- Secure Societies

	Compromise % 27.06.13	Million € (27.06.13)
<b>I. Excellent Science, of which:</b>	31,73%	21.609
<b>1. ERC</b>	17,00%	11.577
<b>2. FET</b>	3,50%	2.384
<b>3. MS Curie Actions</b>	8,00%	5.448
<b>4. Research Infrastructures</b>	3,23%	2.200
<b>II. Industrial Leadership, of which:</b>	22,09%	15.044
<b>Leadership in Enabling and Industrial Technologies</b>	17,60%	11.986
<b>Access to Risk Finance</b>	3,69%	2.513
<b>Innovation in SME's</b>	0,80%	544,81
<b>II.I Societal Challenges, of which:</b>	38,53%	26.240
<b>Health, demographic change and well being</b>	<u>9,70%</u>	<u>7.472</u>
<b>Food security, sustainable agriculture, marine and maritime research &amp; the bio economy</b>	5,00%	3.405
<b>Secure, clean and efficient energy</b>	7,70%	5.244
<b>Smart, green and integrated transport</b>	8,23%	5.605
<b>Climate action, resource efficiency and raw materials</b>	4,00%	2.724
<b>Europe in a changing world – Inclusive, innovative and reflective society</b>	1,70%	1.158
<b>Secure societies – Protecting freedom and security of Europe and its citizens</b>	2,20%	1.498
<b>Spreading Excellence and Widening Participation</b>	1,06%	722
<b>Science with and for society</b>	0,60%	409
<b>European Institute of Innovation and Technology - EIT</b>	3,52%	2.397
<b>JRC Non-nuclear</b>	2,47%	1.682
<b>EURATOM</b>		2.098
<b>Total</b>	100,00%	70.200

<sup>11</sup> Il calcolo del budget per programma è stato elaborato da APRE sulla base delle percentuali stabilite durante il Consiglio

# Budget from FP1 to Horizon 2020

€ Billion (including EURATOM budget)



■ 4 / 5 years Framework Programmes  
■ 7 years Framework Programmes.



1° PILLAR

# EXCELLENT SCIENCE



## Excellent Science

- **European Research Council**
  - Frontier research by the best individual teams
- **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

## Industrial Technologies

- **Leadership in enabling and industrial technologies**
  - ICT, nanotechnologies, materials, biotechnology, 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 Challenges

- **Health, demographic change and wellbeing**
- **Food security, sustainable agriculture, marine and maritime research & the bioeconomy**
- **Secure, clean and efficient energy**
- **Smart, green and integrated transport**
- **Climate action, resource efficiency and raw materials**
- **Inclusive, innovative and reflective societies**
- **Security society**

European Institute of Innovation and Technology (EIT)

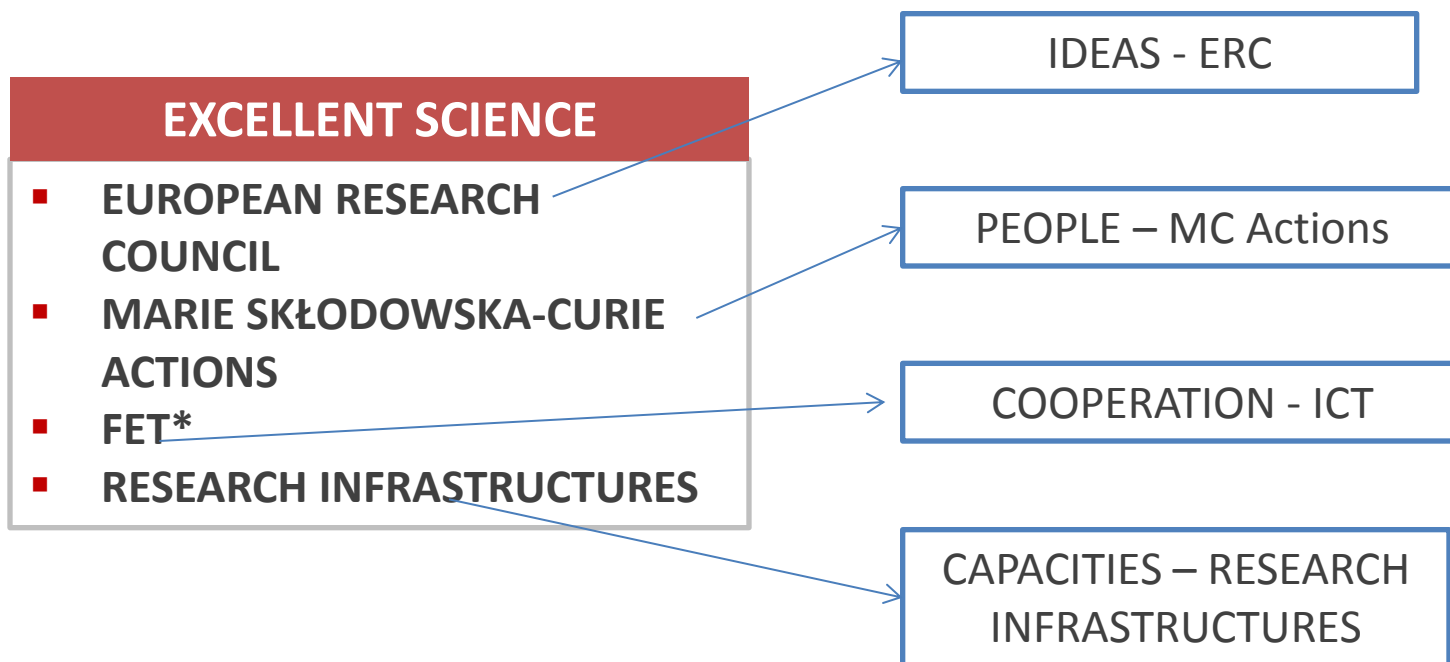
Spreading Excellence and Widening Participation

Science with and for society

Joint Research Center (JRC)

## H2020

## FP7



\*Le FET, che nell' FP7 riguardavano solo ICT, in H2020 saranno trasversali ad altre tematiche.

# Excellent Science/1

## Razionale:

- La Scienza di Eccellenza è alla base delle tecnologie di domani, del lavoro e del benessere
- L'Europa ha bisogno di formare, attrarre e trattenere i ricercatori talentuosi
- I ricercatori necessitano l'accesso alle migliori infrastrutture

# Excellent Science /2



Per sostenere le migliori idee e sviluppare competenze, per fare dell'Europa un polo di attrazione per i migliori ricercatori mondiali



2° PILLAR

# INDUSTRIAL LEADERSHIP



# Struttura del programma

## Excellent Science

- **European Research Council**
  - Frontier research by the best individual teams
- **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

## Industrial Technologies

- **Leadership in enabling and industrial technologies**
  - ICT, nanotechnologies, materials, biotechnology, 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 Challenges

- **Health, demographic change and wellbeing**
- **Food security, sustainable agriculture, marine and maritime research & the bioeconomy**
- **Secure, clean and efficient energy**
- **Smart, green and integrated transport**
- **Climate action, resource efficiency and raw materials**
- **Inclusive, innovative and reflective societies**
- **Security society**

European Institute of Innovation and Technology (EIT)

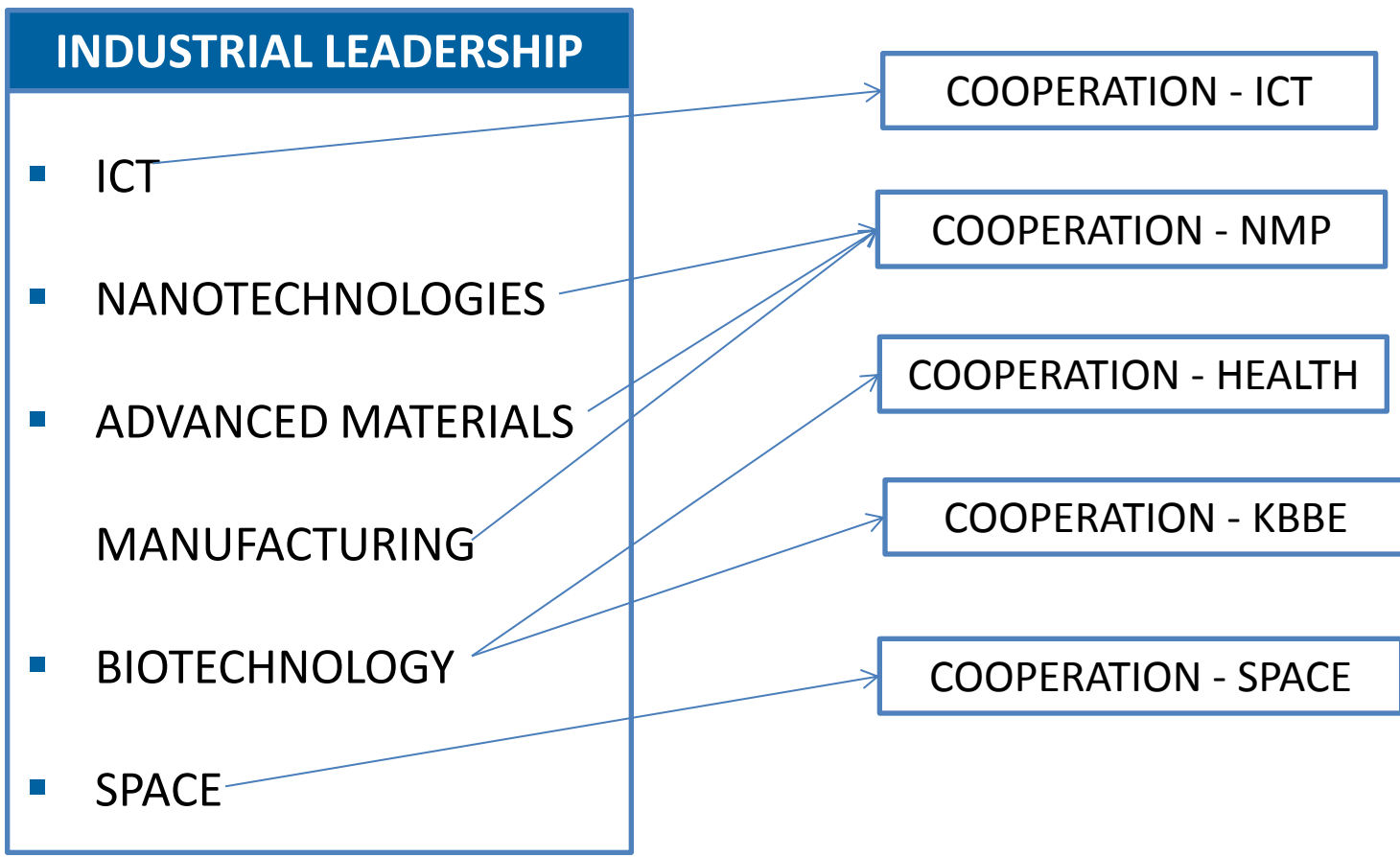
Spreading Excellence and Widening Participation

Science with and for society

Joint Research Center (JRC)

# H2020

# FP7



# Industrial Leadership/2

Per incoraggiare investimenti in R&I in Europa, promovendo alcune priorità per ogni forma di business

- **Leadership in enabling and industrial technologies** - soprattutto Key enabling technologies (Information and Communication Technologies (ICT), Nanotechnologies, Advanced materials, Biotechnology, Advanced Manufacturing and Processing) & Space;
- **Access to finance** per aziende innovative, strumenti finanziari in partenariato con l'European Investment Bank; Debt instrument & Equity instrument
- **Innovation in SME**  
Support to innovative SMEs

# Industrial Leadership/2

## Razionale:

- Gli investimenti strategici nelle tecnologie-chiave (es. tecnologie industriali avanzate, microelettronica) rafforzano l'innovazione nei settori già maturi e in quelli emergenti
- L'Europa ha bisogno di attrarre ulteriori investimenti privati in ricerca e innovazione
- L'Europa necessita di un numero maggiore di PMI innovative capaci di stimolare la crescita e creare posti di lavoro

3° PILLAR

# SOCIETAL CHALLENGES



# Struttura del programma

## Excellent Science

- **European Research Council**
  - Frontier research by the best individual teams
- **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

## Industrial Technologies

- **Leadership in enabling and industrial technologies**
  - ICT, nanotechnologies, materials, biotechnology, 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 Challenges

- **Health, demographic change and wellbeing**
- **Food security, sustainable agriculture, marine and maritime research & the bioeconomy**
- **Secure, clean and efficient energy**
- **Smart, green and integrated transport**
- **Climate action, resource efficiency and raw materials**
- **Inclusive, innovative and reflective societies**
- **Security society**

European Institute of Innovation and Technology (EIT)

Spreading Excellence and Widening Participation

Science with and for society

Joint Research Center (JRC)

## SOCIETAL CHALLENGES

- **Health, Demographic Change and Wellbeing;**
- Food Security, Sustainable Agriculture, Marine and Maritime Research & the Bio-economy;
- Secure, Clean and Efficient Energy;
- Smart, Green and Integrated Transport;
- Climate Action, Resource Efficiency and Raw Materials;
- Inclusive, Innovative and Reflective Societies;
- Secure Societies.

## COOPERATION

HEALTH  
KBBE  
ENERGY  
TRANSPORT  
ENVIRONMENT  
SSH  
SECURITY

**INTERNATIONAL COOPERATION**

## Societal challenges/2

### Razionale:

- Le preoccupazioni condivise dai cittadini e dalla società e gli obiettivi politici dell'agenda europea (clima, ambiente, energia, trasporti, ecc) non possono essere affrontati o raggiunti senza innovazione
- Le soluzioni brillanti derivano da collaborazioni multidisciplinari, dove giocano un ruolo di primo piano anche le scienze sociali e umane
- Le soluzioni promettenti devono essere testate, dimostrate e progressivamente sviluppate

# 1. HEALTH, DEMOGRAPHIC CHANGE AND WELLBEING



# First work programs will be developed around a limited set of focus areas

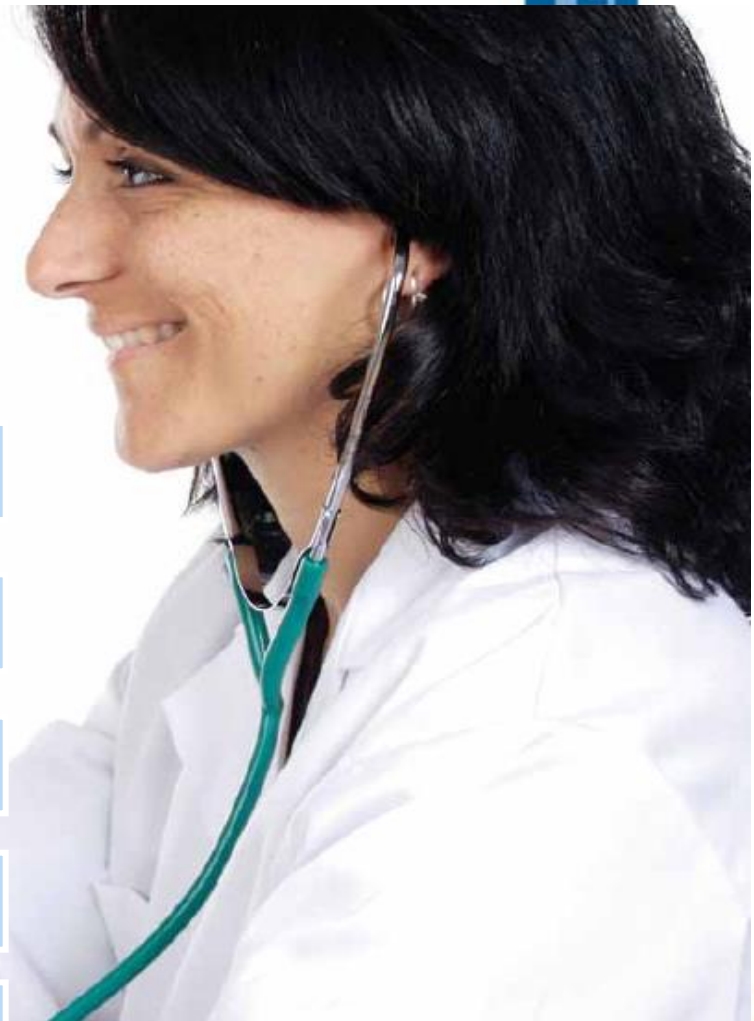
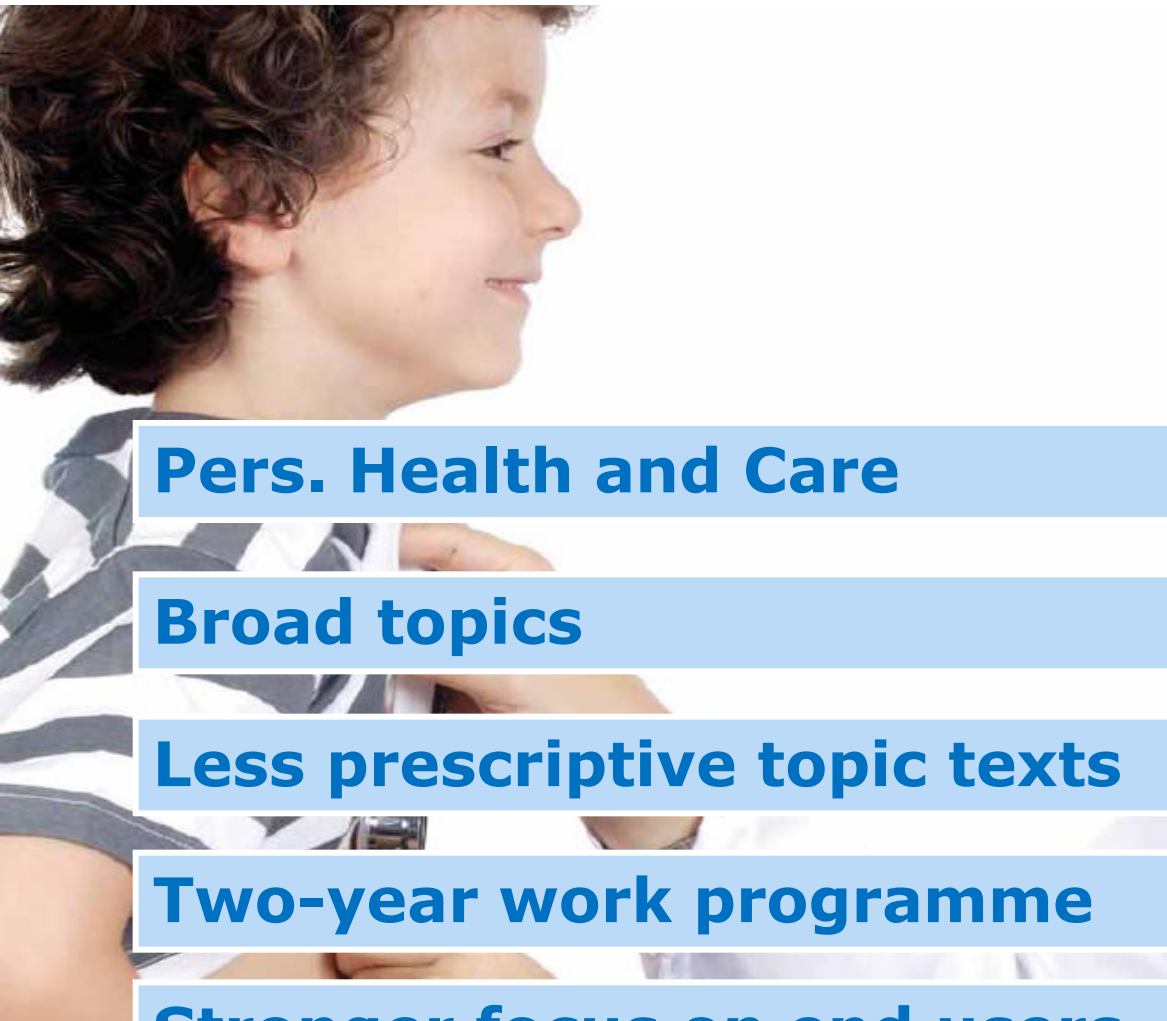
- ✓ *Personalizing health and care*
- ✓ *Sustainable food security*
- ✓ *Blue growth: unlocking the potential of the oceans*
- ✓ *Smart cities and communities*
- ✓ *Competitive low-carbon energy*
- ✓ *Mobility for growth*
- ✓ *Innovation in Public Sector & social innovation* (pilot calls, other programmes "ISA"..etc.)
- ✓ *Waste: a resource to recycle, reuse and recover raw materials*
- ✓ *New ideas, strategies and governance structures for Europe*
- ✓ *Disaster-resilience: safeguarding and securing society, including adapting to climate change*
- ✓ *Digital security*
- ✓ *Energy Efficiency*

A strong initial emphasis will be **to support Member States and regions** in the effective implementation of the new research and innovation programmes under **the Structural Funds...**

## Personalised medicine – towards a definition



*"Personalised medicine refers to a **medical model** using molecular profiling for tailoring the **right therapeutic strategy for the right person at the right time**, and/or to determine the predisposition to disease and/or to deliver timely and targeted prevention"*



**Pers. Health and Care**

**Broad topics**

**Less prescriptive topic texts**

**Two-year work programme**

**Stronger focus on end users**

**Clinical trials**

## The Horizon 2020 societal challenge of 'Health, Demographic change and Wellbeing' (SC1) for the years 2014 and 2015

Includes 36 topics in the 'personalising health and care' focus area call, and 15 topics in the 'co-ordination activities' call.

The total budget available is approximately **EUR 1.20bn**.

Topics in the call are divided into **7 areas**.

Societal challenge 1 is also implemented by the **Innovative Medicines Initiative (IMI)**, the **European and Developing Countries Clinical Trials Partnership (EDCTP)**, the **Active and Assisted Living programme (AAL)** and the **European Innovation Partnership on Active and Healthy Ageing (EIP-AHA)**.

Many topics will be **evaluated in two stages**. Exceptions to the two stage approach include a number of 'close to market' type topics, including those which make use of the SME instrument.

The **2015 topics deadlines** are as follows:

**Two stage** calls:

- Stage 1 – 14 October 2014
- Stage 2 – 24 February 2015

**One stage** calls: 21 April 2015

# IMPLEMENTAZIONE

## Work Programmes H2020

- **STRATEGIC PROGRAMME:** A multi-annual approach (3 years) to help applicants plan ahead. *(note: this could be subject to the vote of Programme Committee)*
- **WORK PROGRAMMES:** 3 Work Programmes (biannual) during the course of H2020 and 1 final Work Programme for the last year to bridge to the next programme after 2020
- **FLEXIBILITY IN ORGANISING CALLS:** one call in each WP with two deadlines; or two calls with two deadlines; or continuously open calls *(under discussion)*

# H2020 Work Programmes : Multi-annual Programming

2014	2015	2016	2017	2018	2019	2020
Strategic Programme						
Work Programme 1		Strategic Programme				
		Work Programme 2		Strategic Programme		
				Work Programme 3		
						Work Programme 4
Smaller and continuous updates to respond to unexpected developments						
Calls published on basis of WP	Ad hoc financing decision	Calls published on basis of WP	Ad hoc financing decision	Calls published on basis of WP	Ad hoc financing decision	Calls published on basis of WP

Strategic programmes: short documents outlining priorities over 3 years, updated every two years

Work Programmes mirror the strategic programme and are updated over the same 2-year cycle

Topic	Received	Invited
PHC-01-2014	358	172
PHC-05-2014	121	37
PHC-06-2014	85	32
PHC-10-2014	462	138
PHC-13-2014	296	128
PHC-17-2014	136	55
PHC-23-2014	107	33
PHC-32-2014	116	31
<b>Total</b>	<b>1681</b>	<b>626</b>

*Italian participation:*

Topic	Received	Invited
PHC-01-2014	35	7
PHC-05-2014	23	5
PHC-06-2014	16	6
PHC-10-2014	62	15
PHC-13-2014	45	19
PHC-17-2014	17	6
PHC-23-2014	17	2
PHC-32-2014	9	1
<b>Total</b>	<b>224</b>	<b>61</b>

COUNTRY	Received	Invited	Success rate %
BG	2	2	100
CY	4	4	100
IS	4	3	75,0
FI	33	17	51,5
FR	134	67	50,0
LU	2	1	50,0
NL	163	80	49,1
UK	208	98	47,1
DE	186	83	44,6
SE	62	27	43,5
IE	41	17	41,5
DK	46	19	41,3
BE	61	25	41,0
AT	46	17	37,0
IL	43	15	34,9
NO	33	11	33,3
ES	203	60	29,6
CH	17	5	29,4
PL	7	2	28,6
<b>IT</b>	<b>224</b>	<b>61</b>	<b>27,2</b>
LT	5	1	20,0
PT	25	5	20,0
SI Slovenia	16	3	18,8
CZ	12	2	16,7
HR	6	1	16,7
HU	31	3	9,7
EL	35	3	8,6
BA ( Bosnia- Herz).	1	0	0,0
EE	4	0	0,0
LV	1	0	0,0
MT	1	0	0,0
RO	11	0	0,0
RS Serbia	6	0	0,0
SK	2	0	0,0
TR	3	0	0,0
USA	3	0	0,0

**Proposte presentate primo stage – 11 Marzo 2014**

## Proposte presentate single stage – 15 Aprile 2014

Topic	Received
PHC-07-2014	11
PHC-08-2014	5
PHC-15-2014	30
PHC-19-2014	79
PHC-20-2014	56
PHC-26-2014	254
PHC-31-2014	9
PHC-34-2014	7
<b>Total</b>	<b>451</b>

## Where are we now in health?

### Call for *Personalizing Health and Care* 2014-2015

#### On content?

- 1.1. Understanding health, ageing and disease
  - 1.2. Effective health promotion, disease prevention, preparedness and screening
  - 1.3. Improving diagnosis
  - 1.4. Innovative treatments and technologies
  - 1.5. Advancing active and healthy ageing
  - 1.6. Integrated, sustainable, citizen-centred care
  - 1.7. Improving health information, data exploitation and providing an evidence base for health policies and regulation
- IMI, AAL, EDCTP cutting across

# Strategic Initiatives



**Innovative Medicines Initiative 2**  
*[www.imi.europa.eu](http://www.imi.europa.eu)*



**European Innovation Partnership  
on Active and Healthy Ageing**  
*<https://webgate.ec.europa.eu/eipaha>*



**Active and Assisted Living 2**  
*[www.aal-europe.eu](http://www.aal-europe.eu)*



**European & Developing Countries  
Clinical Trials Partnership (EDCTP2)**  
*[www.edctp.org](http://www.edctp.org)*

# Understanding the call topics: example

**PHC 2 – 2015: Understanding diseases: systems medicine**

**Specific challenge:** The development of new improved understanding of the often very complex (bio) medicine approaches have the potential to transform a variety of biological and medical research data into a collaborative approach is required to assemble the biology, medicine, mathematics, computational and medicine approaches.

**Scope:** Proposals should focus on new avenues phenotypes in multifactorial diseases and/or development/optimisation and/or application of sets of biomedical and clinical data to produce or refine computational and mathematical approaches. They should be validated in well-phenotyped patient cohorts, taking potential thoroughly investigated.

The Commission considers that proposals requesting EUR 4 and 6 million would allow this specific. Nonetheless, this does not preclude submission of smaller amounts.

**Expected impact:** This will provide:

- Leverage of existing investments in Europe
- New directions for better disease detection
- Systems medicine tools and approaches that which represent an improvement over existing

**Type of action:** Research and Innovation action

- **'PHC 2 – 2015'**
- **'Specific challenge'**  
sets the context, the problem to be addressed, why intervention is necessary
- **'Scope'**  
delineates the problem, specifies the focus and the boundaries of the potential action BUT without describing specific approaches
- **'Expected impact'**  
describe the key elements of what is expected to be achieved in relation to the specific challenge
- **'Type of action'**

## Modifiche per il WP Health 2015

La bozza di Work Programme SC 1 ha cominciato il percorso di “consultazione interservizio” che si concluderà a fine del mese di giugno

Le modifiche includono:

- Topic **PHC 33** è in single stage invece che doppio stage.  
 Sulla base dell’esperienza fatta nella valutazione dei bandi in doppio stage 2014, il voto per poter passare alla fase 2 probabilmente passerà da 8 a 8,5.
- Topic **HCO 3** (support for the European Reference Networks) è stato rimosso a causa del ritardo nella timeline fissata per l’approvazione degli ERNs;
- Il focus del Topic **HCO 6** sarà sulle malattie polmonari. Ci saranno altre modifiche su questo topic a seguito dei commenti del Board GACD.
- è stato introdotto il Topic **HCO 17** per supportare la JPND con una CSA.
- l’**HCO 2 e HCO 4** renderanno possibile la copertura dei costi per il Scientific Panel for Health

# 2015 Topics



## Single Stage (21 Aprile 2015)

- ✓ 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: 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
- ✓ PHC-33-2015: New approaches to improve predictive human safety testing !!!



## Two stages (14 Oct 2014 / 24 Febb 2015 )

- ✓ 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-02-2015: Understanding disease: systems medicine
- ✓ PHC-03-2015: Understanding common mechanisms of diseases and their relevance in co-morbidities

## H2020: HEALTH-RELATED TOPICS IN OTHER WORK PROGRAMMES

<b>2. Future and Emerging Technologies</b>	<b>FETFLAG 2 - 2015: <u>Graphene FET Flagship Core Project</u></b>	Proposals should progress the <u>Graphene FET Flagship</u> in accordance with the defined roadmap. This includes the complete range of scientific and technological challenges involved, in particular development and exploration of material aspects of <u>Graphene</u> , health and environmental issues, fundamental science for <u>Graphene</u> , the production of <u>Graphene</u> or <u>Graphene</u> film, high-frequency electronics, optoelectronics, <u>spintronics</u> , sensing, flexible electronics, energy applications and <u>nanocomposites</u> . Other 2D materials may also be considered.	Research & Innovation Actions
<b>4. European research infrastructures (including e-Infrastructures)</b>	<b>Call 2 - Integrating and opening research infrastructures of pan-European interest          H2020-INFRAIA-2014/2015</b>	This call focuses on opening up key national and regional research infrastructures to all European researchers from both academia and industry and ensuring their optimal use and joint development. Through a targeted approach, specific types of research infrastructures or research communities will be addressed, ranging across all fields of science and technology. Integrating Activities under the different domains target research infrastructures needed to address the Societal Challenges, in particular "Health, demographic change and well-being"...	-
<b>5. Leadership in enabling and industrial technologies          i. Information and Communication Technologies</b>	<b>ICT1: 2014: Smart Cyber-Physical Systems</b>	Creating new ICT Platforms for both vertical and core markets from automotive, health and energy to wireless communications and digital consumer products and services.	Research & Innovation Actions, Innovation Actions, Coordination and Support Actions
	<b>ICT2: 2014: Smart System Integration</b>	Seized new opportunities in addressing societal challenges, e.g. in health, well-being, environment and food/beverage quality and safety.	Research & Innovation Actions, Innovation Actions, Coordination and Support Actions, PCP
	<b>ICT3: 2014: Advanced Thin, Organic and Large Area Electronics (TOLAE) technologies</b>	<u>Specific Challenge:</u> TOLAE is an emerging technology and is the basis for advanced products that are thin, light weight, flexible and/or stretchable, suitable for large market sectors such as the textile, automotive, health, paper, plastic, advertising or construction industries.	Research & Innovation Actions, Innovation Actions, Coordination and Support Actions, PCP

<p><b>ICT8: 2015: Boosting public sector productivity and innovation through cloud computing services</b></p>	<p>Increased adoption of smart cloud-based solutions for a range of public services, spanning from generic enabling services to specific applications such as culture, businesses, tourism, education, health care, and cross-border intergovernmental systems</p>	<p>PCP, PPI</p>
<p><b>ICT23: 2014: Robotics</b></p>	<p>In addition, demand-driven innovation actions will be pursued in areas of public interest, including pre-commercial procurement of innovative robotics solutions for the healthcare sector.</p>	<p>Research &amp; Innovation Actions, Innovation Actions, PCP</p>
<p><b>ICT26: 2014: Photonics KET</b></p>	<p>Europe needs to better exploit the large enabling potential of photonics in many industrial sectors and in solutions addressing major societal challenges such as health and well-being, energy efficiency or safety.</p>	
<p><b>ICT28: 2015: Cross-cutting ICT KETs</b></p>	<p><u>ICT-KET integrated platforms for the healthcare and food sectors:</u> Further development and validation in real settings of reliable, low-cost micro-nano-bio and bio-photonics systems driven by users. Actions should target the health sector for early or fast diagnosis and monitoring (clinical trials are excluded) or the food sector for quality and safety.</p>	<p>Research &amp; Innovation Actions, Innovation Actions, Coordination and Support Actions</p>
<p><b>ICT29: 2015: Internet of Things and Platforms for Connected Smart Objects</b></p>	<p>This topic cuts across several LEIT-ICT challenges (smart systems integration, smart networks, big data) and brings together different generic ICT technologies (nano-electronics, wireless networks, low-power computing, adaptive and cognitive systems) and their stakeholder constituencies. Their applicability across multiple application domains (ehealth, food chain, intelligent transport and systems and logistics) bridges the gap to applications-specific developments under the H2020 Societal Challenges.</p>	<p>Research &amp; Innovation Actions, Coordination and Support Actions</p>
<p><b>EUB2 – 2015: High Performance Computing (HPC)</b></p>	<p>Specific focus will be on application work of HPC on societal challenges and in areas such as transport, energy, environment, climate, health and bio-sciences, prediction and simulation of natural disasters, disaster prevention and crisis management, urban development etc.</p>	<p>Research &amp; Innovation Actions</p>
<p><b>EUJ1 – 2014: Technologies combining big data, internet of things in the cloud</b></p>	<p>The focus of the joint research is the development of innovative global cloud platform technologies to meet the new challenges of big data, mobile and IoT. It should address requirements from business and industrial applications, such as robotics or factory automation and/or societal applications, such as health management for an aging society.</p>	<p>Research &amp; Innovation Actions</p>

	<b>EUJ4 – 2014: Experimentation and development on federated Japan – EU testbeds</b>	The solutions under experimentation should preferably address public services or applications for health, elderly, smart cities, smart buildings, energy management and should explore emerging concept, such as participatory sensing. They should also investigate the related interoperability, privacy and security issues.	Research & Innovation Actions
5. Leadership in enabling and industrial technologies ii. Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing	<b>NMK6 - 2015: Novel nanomatrices and nanocapsules</b>	Benefit the European healthcare and/or consumer sector through novel new systems and improved collaborations between the key actors in the value chain	Research & Innovation Actions
	<b>NMK10 - 2014: Biomaterials for the treatment of diabetes mellitus</b>	<u>Specific challenge:</u> Diabetes mellitus and its complications have become a major public health problem. It causes significant physical and psychological morbidity, disability and premature mortality among those affected and imposes a heavy financial burden on health services.	Research & Innovation Actions
	<b>NMK11 - 2015: Nanomedicine therapy for cancer</b>	<u>Scope:</u> The aim is to translate promising novel nano-technology enabled therapies for cancer with pre-clinical proof-of-concept, from a pre-clinical lab stage up to clinical testing Phase I. The project shall start from an established pre-clinical proof-of-concept, with relevant efficacy and toxicity data. The project shall be focused on the translation process, so that ultimately new effective therapies can be introduced to the European healthcare market	Innovation Actions
	<b>NMK12 - 2015: Biomaterials for treatment and prevention of Alzheimer's disease</b>	Implementation of relevant objectives of the European Innovation Partnership on Active and Healthy Ageing (COM (2012) 83).	Research & Innovation Actions
	<b>NMK28 – 2014: Joint EU &amp; MS activity on the next phase of research in support of regulation "NANOREG II"</b>	Bring together the activities of national authorities responsible for consumer and worker protection, public health, and the environment including chemical safety and all other relevant authorities covering the whole value	Research and Innovation Actions

# Call 2015

***BIOTEC 2: New bioinformatics approaches in service of biotechnology***

***Research & Innovation Actions, TRL 3-5***

***BIOTEC 6: Metagenomics as innovation driver***

***Research & Innovation Actions, TRL 3-5***

***Deadlines: First stage 24/02/2015***  
***Second stage 11/06/2015***

***Budget: € 29.6 million***

5. Leadership in enabling and industrial technologies iii. Space	<b>GALILEO 1 – 2014-2015: EGNSS applications</b> <b>GALILEO 2- 2014-2015: Small and Medium Enterprise (SME) based EGNSS applications</b>	European society and industry are facing new challenges, requiring more innovation, productivity and competitiveness, whilst using fewer resources and reducing environmental impact. GNSS offers various possibilities for the development of new space enabled applications, which will enhance Europe's capacity to address major societal challenges in focus areas such as health	Innovation Actions
	<b>COMPET 6 – 2014: Bottom-up space technologies at low Technology Readiness Level</b>	A number of challenges in space technologies have parallels to terrestrial challenges, for example in the fields of aeronautics, energy, environment, ICTs, natural resource exploration, sensors, robotics, advanced materials, security, and health.	Research and innovation action
9. Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the <u>bioeconomy</u>	<b>SFS 12 - 2014: Assessing the health risks of combined human exposure to multiple food-related toxic substances</b>	Scope: The state-of-the-art frameworks already in place at international level should be reviewed in the quest for a harmonised approach. Proposals should focus on the health risks of combined exposures to multiple chemicals from multiple sources across differing life stages, taking into account also the gender dimension relevance.	Research and innovation action


	<b>SFS 15 - 2014: Proteins of the future</b>	<u>Specific challenge:</u> The growing demand for meat and other protein-rich food sources, in many parts of the world, is of increasing concern in the light of growing population figures, environmental sustainability issues and land-use and food security concerns. Questions related to optimal production and processing methods, location (EU or other), health effects, environmental impact, and legal issues remain unanswered.	Research and Innovation Action
	<b>SFS 16 - 2015: Tackling malnutrition in the elderly</b>	Population ageing in Europe poses major demographic and socioeconomic challenges which are expected to increase over the coming decades. While the ageing process itself does not usually cause malnutrition in healthy and active elderly people with appropriate lifestyles, changes in body composition, organ function, the ability to eat or access food, inadequate dietary intake and the partial loss of taste and smell are associated with ageing and may contribute to malnutrition.	Research and innovation action
	<b>Call for Blue Growth: Unlocking the potential of Seas and Oceans H2020-BG-2014/2015</b>	Due to its high cross-cutting nature, this call integrates contributions coming from different parts of Societal Challenge 2, and from Societal Challenges 3 on 'Secure, Clean and Efficient Energy'; 4 on 'Smart, Green and Integrated Transport'; and 5 on 'Climate Action, Resource Efficiency and Raw Materials'. The call is also relevant for Societal Challenges 1 on 'Health, Demographic Change and Wellbeing'	-
	<b>ISIB 12 - 2015: Public-Public Partnerships in the <u>bioeconomy</u></b>	<u>Specific challenge:</u> Agriculture and the agri-food sector are integral parts of the European economy and society. They are subject to multiple pressures from external drivers, which include rising food, feed, fuel and fibre demand, globalisation, environmental changes and public health aspects	-
<b>10. Energy Challenge</b>	<b>LCE 2 – 2014/15: Developing the next generation technologies of renewable electricity and heating/cooling</b>	Environment, health and safety issues shall be considered in all developments and appropriately addressed.	

	LCE 3 – 2014/2015: Demonstration of renewable electricity and heating/cooling technologies	Environment, health and safety issues should be considered in all demonstrations and appropriately addressed.	
11. Smart, green and integrated transport	Technologies for “super” low “real world” CO <sub>2</sub> and polluting emissions	<u>Specific challenge</u> : Growing road traffic in Europe entails detrimental effects on the environment and public health to a level that is becoming unsustainable, while generating a large contribution to climate change, this in spite of increasingly stringent emission standards.	Innovation Actions
14. Secure societies – Protecting freedom and security of Europe and its citizens	DRS 4 – 2014: Crisis management topic 4: Feasibility study for strengthening capacity-building for health and security protection in case of large-scale pandemics – Phase I Demo	<u>Specific Challenge</u> : Emerging diseases and their pandemic potential pose a great security threat at national and EU level, particularly in the era of globalization when disease can spread more rapidly than in previous eras. Thirty four percent of all deaths worldwide are now attributable to infectious disease, while war only accounts for 0.64 percent of those deaths. Improving capacity-building is key to fight epidemics and the European Union must increase its efforts to improve domestic and global risk assessment, surveillance, communication capability and governance. Additionally, reducing disease transmission through public education and related measures is also crucial to minimizing pandemic impacts, i.e. for health security and protection in case of large-scale pandemics, further capacity-building is essential.	Coordination and Support Action
	Call – Digital Security: <u>Cybersecurity</u> , Privacy and Trust H2020-CP-2014/2015	As <u>cybersecurity</u> is cross-domain the call will provide <u>cybersecurity</u> whatever the application or domain (mobile, <u>eCommerce</u> ...), or societal challenge (e.g. health, energy, smart cities).	PPI

# Per maggiori informazioni:

[http://ec.europa.eu/research/horizon2020/index\\_en.cfm](http://ec.europa.eu/research/horizon2020/index_en.cfm)

A-Z Index | Sitemap | About this site | FAQ | What's New | Legal notice | Contact | Search | English (en) ▾





## RESEARCH & INNOVATION



### Horizon 2020


European Commission > Research & Innovation > Horizon 2020 > Home

Home | What is Horizon 2020? | What's in Horizon 2020 for me? | Why Horizon 2020? | What's next? | What's your view? | Press corner





<b>What is Horizon 2020?</b>	<b>What's in Horizon 2020 for me?</b>	<b>Why Horizon 2020?</b>
<ul style="list-style-type: none"> <li>The EU Framework Programme for Research and Innovation</li> <li>Official documents</li> <li>Questions &amp; Answers</li> </ul>	<ul style="list-style-type: none"> <li>Excellent Science</li> <li>Competitive Industries</li> <li>Better Society</li> </ul>	<ul style="list-style-type: none"> <li>Europe 2020</li> <li>Public consultation</li> <li>Successful EU research</li> </ul>
<b>What's next?</b>	<b>What's your view?</b>	<b>Press corner</b>
<ul style="list-style-type: none"> <li>A time line for Horizon 2020</li> <li>Calendar of events</li> <li>Experts for Advisory Groups </li> </ul>	<ul style="list-style-type: none"> <li>Video testimonials</li> </ul> <div style="display: flex; align-items: center; margin-top: 10px;">  <span>Marinella Tabet</span> </div>	<ul style="list-style-type: none"> <li>Press materials</li> <li>Country profiles and featured projects</li> <li>Videos by theme</li> </ul>



# REGOLE DI PARTECIPAZIONE



# UNICO SET DI REGOLE PER HORIZON 2020

- a copertura di tutti i programmi di ricerca/iniziative di finanziamento (art.185 e art.187, CIP, EIT, etc...)
- in linea con il nuovo **Regolamento finanziario dell'UE (Regulation n.966/2012)**
- coerente con le regole degli altri programmi di finanziamento EU applicabile anche ad EURATOM



# Soggetti giuridici partecipanti (art.6)/ eleggibilità' per il finanziamento (art.9)

## CHI PUO' PARTECIPARE?

- **Qualsiasi soggetto giuridico**, universita' o centro di ricerca stabilito in uno stato membro o associato\* o in un paese terzo
- **JRC** (Joint Research Centre)
- **Organizzazioni internazionali di interesse EU**
- **Organizzazioni internazionali** e soggetti stabiliti in **paesi terzi** in aggiunta alle condizioni minime

\*Albania, Bosnia-Herzegovina, CroaZia, FYR Macedonia, Islanda, Israele, Liechtenstein, Montenegro, Norvegia, Serbia, Svizzera, Turchia

## CHI PUO' RICEVERE IL FINANZIAMENTO?

- **Qualsiasi soggetto giuridico**, universita' o centro di ricerca stabilito in uno stato membro o associato o in un paese terzo
- **JRC** (Joint Research Centre)
- **Paesi ICPC**
- Organizzazioni **internazionali** di interesse EU

**Organizzazioni internazionali** e soggetti stabiliti in **paesi terzi non ICPC** solo eccezionalmente se previsto dal WP/accordo bilaterale oppure se essenziale per l'azione

Possibilità di **Joint Call** con i paesi terzi e le Org. Internazionali

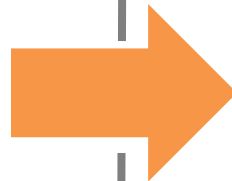
## DEFINIZIONI (art.2)



Qualsiasi **persona fisica o giuridica**, creata sulla base del diritto nazionale/comunitario/ Internazionale  
Purché dotata di **personalità giuridica**

N.A.

'LEGAL ENTITY'



'NON-PROFIT  
LEGAL ENTITY'

HORIZON 2020

Ammissa la **partecipazione di soggetti giuridici sprovvisti di personalità giuridica** purché previsti equivalenti meccanismi di attribuzione della responsabilità contrattuale e finanziaria a carico dei rappresentanti legali

NEW

Un **soggetto giuridico** che legalmente non distribuisce i profitti tra i suoi membri o azionisti

## Condizioni minime di partecipazione (art.8)

**3 SOGGETTI GIURIDICI** indipendenti stabiliti in  
 3 diversi stati membri o associati

### 1 SOLO PARTECIPANTE

ERC, SME Instrument, Azioni Co-fund, CSA, Azioni A  
 Supporto Della Mobilita' E Della Formazione Dei  
 Ricercatori(Marie Curie)



**CONDIZIONI AGGIUNTIVE**: possono essere previste nel work programme  
 (n. di partecipanti, tipologie di partecipanti, etc...)

- Research and Innovation action
- **Innovation action** **NEW**
- Coordination and Support Actions
- Programme Co-funding Actions
- Pre-Commercial Procurement (PCP)
- Public Procurement of Innovative Solutions (PPI)
- **PRIZES** **NEW**

## DEFINIZIONI (art.2)



Attività di Dimostrazione  
(Rimborsata al 50%)



HORIZON 2020

NEW

**INNOVATION ACTION**,  
caratterizzata da attività di  
prototipizzazione, test,  
dimostrazione, piloting,  
validazione, etc...finalizzate alla  
definizione/produzione/design  
di nuovi prodotti e processi.

***PHC 20 – 2014: Advancing active and healthy ageing with ICT: ICT solutions for independent living with cognitive impairment***

- Single Stage** (15<sup>th</sup> April 2014)
- **Budget:** 10 mill EUR
- **EU contribution:** 2/3 mill EUR (70%)

## PREMI

- **Recognition prizes** (Nobel Prize, DG INFSO's "ICT Prize", ...) = riconoscimento di meriti scientifici già raggiunti
- **Inducement Prizes** = competizione che 'induce' al raggiungimento di un obiettivo specifico (Ortieg Prize, Ansari X-Prize, ...). L'importo del premio non è legato al costo di realizzo dell'obiettivo

# INNOVATION ACTION SPECIFIC PROCEDURES

## B. SME INSTRUMENT

- Implemented just by one Agency (**EASME** - Executive Agency for Small and Medium-sized Enterprises).
- Addressed to all kind of **innovative SME's** willing to growth, develop and internationalize. In general, **Bottom-Up approach**.
- **Only SMEs** allowed to apply for funding and support (1 SME or consortium of SMEs)

- **Oriented to the market:** Close-to-Market activity; funded up to 70% or up to 100% if research activities are predominant.
- **“Societal challenges”** and **“LEIT”**
- **Continuously open call** with several cut-off dates per year: First cut-off for Phase 1 around June 2014; first cut-off for Phase 2 in autumn 2014.

Publication date: 11/12/2013

Opening<sup>9</sup>: 01/03/2014 for phase 1 and phase 2

Deadline(s)<sup>10, 11</sup>:

Topic identifier – Open call cut-off dates	Phase 1	Phase 2	Phase 1	Phase 2
	18/06/2014	09/10/2014	[18/03/2015	[18/03/2015
	24/09/2014	17/12/2014	17/06/2015	17/06/2015
	17/12/2014		17/09/2015	17/09/2015
			16/12/2015]	16/12/2015]

# SME Definition

- ❑ Engaged in an economic activity
- ❑ < 250 employees
- ❑ Annual turnover  $\leq$  € 50 Millions or annual balance sheet total  $\leq$  € 43 Millions
- ❑ Autonomous



## Definition:

[http://ec.europa.eu/enterprise/policies/sme/facts-figures-analysis/sme-definition/index\\_en.htm](http://ec.europa.eu/enterprise/policies/sme/facts-figures-analysis/sme-definition/index_en.htm)

## Guide to EU definition of SME:

[http://ec.europa.eu/enterprise/enterprise\\_policy/sme\\_definition/sme\\_user\\_guide\\_it.pdf](http://ec.europa.eu/enterprise/enterprise_policy/sme_definition/sme_user_guide_it.pdf)

# SME INSTRUMENT



## Concept & Feasibility Assessment

Idea to concept, risk assessment, technological & commercial feasibility

## Demonstration Market replication R&D

Demonstration, prototyping, testing, market replication, scaling up, miniaturisation, research

## Commercialisation

Quality label for successful projects, access to risk finance, indirect support

Pre-Commercial Procurement

SME window EU financial facilities

Idea

continued support throughout the project

Market

# SME Instrument in H2020

## Excellent Science

- **European Research Council**
  - *Frontier research by the best individual teams*
- **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*

## Industrial Technologies

- **Leadership in enabling and industrial technologies**
  - *ICT, nanotechnologies, materials, biotechnology, 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 Challenges

- **Health, demographic change and wellbeing**
- **Food security, sustainable agriculture, marine and maritime research & the bioeconomy**
- **Secure, clean and efficient energy**
- **Smart, green and integrated transport**
- **Climate action, resource efficiency and raw materials**
- **Inclusive, innovative and reflective societies**
- **Security society**

European Institute of Innovation and Technology (EIT)

Spreading Excellence and Widening Participation

Science with and for society

Joint Research Center (JRC)

# SME Instrument

## Phase 1: Concept and feasibility assessment

Input: Idea/Concept: **"Business Plan 1"**  
(~ 10 pages)  
**10% budget**

Activities:  
Feasibility of concept  
Risk assessment  
IP regime  
Partner search  
Design study  
Pilot application  
etc.

10% success

Output: elaborated **"Business plan 2"**

Lump sum: 50.000 €  
~ 6 months

~2 months evaluation

## Phase 2: R&D, demonstration, market replication

Input: **"Business plan 2"**  
plus description of activities under Phase 2 (~ 30 pages)  
**88% budget**

Activities:  
Development, prototyping, testing, piloting, miniaturisation, scaling-up, market replication, research

30-50% success

Output: "investor-ready **Business plan 3"**

1-3 (5) M€ EC funding  
~ 12 to 24 months

~4 months evaluation

## Phase 3: Commercialisation

Promote instrument as **quality label** for successful projects  
Facilitate access to private finance

Support via networking, training, information, addressing i.a. IP management, knowledge sharing, dissemination

SME window in the EU financial facilities (debt facility and equity facility)  
Possible connection to PPC (and PPI?)

No direct funding



# REGOLE DI FINANZIAMENTO



## Criteri di selezione e attribuzione (art. 14)



### 3 CRITERI

Criterio 1  
Eccellenza

Criterio 2  
Impatto

Criterio 3  
Qualità e  
efficienza  
dell'attuazione

- Possibili bandi con **procedura di presentazione a due step**
- **Eccellenza**, unico criterio per le azioni erc
- Peso ponderato criterio **'impatto'** nelle innovation action

# Two-stages

## Deadlines:

Stage-I: 14th October 2015

Stage-II: 24th February 2015

## PARTE A

### 1) General Information

### 2) Participants & Contacts (only coordinator)

### 3) Budget (only Total Requested Amount)

*Template pdf online sul Participant Portal*

## PARTE B

### 1) Excellence

1.1) Objectives (*around 1 page*)

1.2) Relation to the Work  
Programme (*around 0.5 page*)

1.3) Concept and Approach  
(*around 2-3 pages*)

1.4) Ambition (*around 0.5 page*)

### 2) Impact

2.1) Expected impacts  
(*around 1.5 page*)

*Download doc Word in Participant Portal*

**Max. 15 pages!**  
**7 pages in Health**

# Single stage (Deadline: 21st April 2015)

## PARTE A

- 1) General Information
- 2) Participants & Contacts
- 3) Budget
- 4) Ethics

*Template pdf online sul Participant Portal*

## PARTE B

- 1) Excellence**
  - 1.1) Objectives
  - 1.2) Relation to the Work Programme
  - 1.3) Concept and Approach
  - 1.4) Ambition
- 2) Impact**
  - 2.1) Expected impacts
  - 2.2) Measures to maximize the impact
    - Dissemination and exploitation of results
    - Communication activities
- 3) Implementation**
  - 3.1) Work plan — Work packages, deliverables and milestones
  - 3.2) Management structure and procedures
  - 3.3) Consortium as a whole
  - 3.4) Resources to be committed
- 4) Members of the consortium**
  - 4.1) Participants (applicants)
  - 4.2) Third parties involved in the project (including use of third party resources)
- 5) Ethics and Security**

*Documento Word scaricabile dal Participant Portal*

**Max. 70 pages!**  
**(1+2+3)**

# Types of collaborative projects

## R&D projects

Basic research, applied research, technology development and integration, and testing e validation on a small scale prototype in a laboratory or simulated environment

## Close to market projects

Prototyping, testing, demonstrating, piloting, large - scale product validation and market replication

# Types of collaborative projects

## R&D projects

Funding rate: 100%

## Close to market projects

Funding rate:  
70%/100%

# FINANZIAMENTO DELL'AZIONE (Art. 22)



Maximum reimbursement rates	Research and technological development activities (*)	Demonstration activities	Other activities
Network of excellence	50% 75% (**)		100%
Collaborative project(****)	50% 75% (**)	50%	100%
Coordination and support action			100% (***)



**NEW**

## UNICA % DI RIMBORSO PER PROGETTO, SENZA DISTINZIONE TRA BENEFICIARI

- fino al **100%** dei costi eleggibili per progetti R&S (cd. **RESEARCH & INNOVATION action**)
- fino al **70%** per progetti dimostrativi cd. **INNOVATION action** (fatta eccezione per organismi no-profit, finanziabili fino al 100%)

# COSTI INDIRETTI (Art. 29)



- ✓ STANDARD FLAT RATE (20%)
- ✓ SPECIAL FLAT RATE (60%)
- ✓ SIMPLIFIED METHOD or ACTUAL INDIRECT COSTS



**NEW**

**UNICO TASSO FORFETARIO DEL 25% DEI COSTI DIRETTI**

(ECCEPTE I SUBCONTRATTI E COSTI DELLE RISORSE MESSE A DISPOSIZIONE DA TERZI CHE NON VENGONO UTILIZZATE NEI LOCALI DEL BENEFICIARIO, NONCHÉ DEL SOSTEGNO FINANZIARIO A TERZI)

# Funding rates

Cost Category	Funding
<b>Direct costs</b>	Research & Development: max. 100%  Close-to-market actions: max. 70%  <b>Exception:</b> Close-to-market actions for non-profit legal entities: max.100%
<b>Indirect costs</b> <b>Flat rate</b>	Flat rate: <b>25%</b> of total direct costs

## Valorizzazione e diffusione dei risultati (art. 40)



**'OPEN ACCESS' ALLE  
 PUBBLICAZIONI SCIENTIFICHE:  
 CLAUSOLA SPECIALE 39** (specifica  
 per le tematiche AMBIENTE,  
 ENERGIA; SALUTE, ICT, SSH,  
 INFRASTRUTTURE, SIS



HORIZON 2020

NEW

**OBBLIGO DI 'OPEN ACCESS' ALLE  
 PUBBLICAZIONI SCIENTIFICHE**  
 (sia **GREEN** che **GOLD** Open Access)  
 DISCIPLINATO DALLE CONDIZIONI  
 GENERALI DEL GRANT AGREEMENT.  
 ELEGGIBILITA' DEI COSTI RELATIVI

## TEMPISTICA

NEW

**ESITO DELLA VALUTAZIONE = 5 MESI** DALLA SOTTOMISSIONE della PROPOSTA

**FIRMA DEL GRANT AGREEMENT = 3 MESI** DALLA COMUNICAZIONE DEGLI ESITI DELLA VALUTAZIONE (fatta eccezione per i progetti ERC, dove l'elevato numero di proposte presentate potrebbe richiedere un'estensione)

## EX POST AUDITS



ENTRO **CINQUE ANNI**  
DALLA FINE DEL  
PROGETTO



ENTRO **DUE ANNI** DAL  
PAGAMENTO FINALE

# ALTRE OPPORTUNITÀ DI FINANZIAMENTO NEL SETTORE DELLA SALUTE





Directorate-General for  
Health & Consumers

**DG SANCO**

**Third Health Programme 2014-2020**



Il programma si concentra su **quattro obiettivi principali**, il cui scopo è conseguire un forte potenziale di crescita economica grazie al miglior stato di salute:

- 1) **Sviluppare strumenti e meccanismi comuni a livello dell'UE per affrontare la carenza di risorse umane e finanziarie, al fine di contribuire a sistemi sanitari innovativi e sostenibili;**
- 2) **Migliorare l'accesso alle competenze mediche e alle informazioni concernenti patologie specifiche anche su scala transnazionale e sviluppare soluzioni condivise e orientamenti per migliorare la qualità della sanità e della sicurezza dei pazienti.**
- 3) **Individuare, diffondere e promuovere l'adozione di buone pratiche convalidate per prevenire le malattie e promuovere la buona salute.**
- 4) **Sviluppare approcci comuni per proteggere i cittadini dalle minacce sanitarie transfrontaliere.**

## CALL FOR PROPOSALS FOR PROJECTS 2014

- [PJ-01-2014 Innovation to prevent and manage chronic diseases](#)
- [PJ-02-2014 Early diagnosis and screening of chronic diseases](#)
- [PJ-03-2014 Professional reintegration of people with chronic disease](#)
- [PJ-04-2014 Adherence, frailty, integrated care and multi-chronic conditions](#)
- [PJ-05-2014 Statistical data for medicinal product pricing](#)
- [PJ-06-2014 Health monitoring and reporting system](#)
- [PJ-07-2014 Healthcare associated infection in long-term care](#)

**Deadline: 25 Settembre 2014**



**EIP (European Innovation Partnership on Active and Healthy Ageing)** è una iniziativa che promuove una serie di progetti per migliorare la qualità della vita dei Senior e per monitorare i servizi ad essi destinati.

Questo progetto pilota mira ad **umentare di due anni la vita media in buona salute** degli europei entro il 2020. A tal fine si propone di:

- Migliorare la **salute e la qualità della vita** (in particolare delle persone anziane).
- Garantire la **sostenibilità ed efficienza dei sistemi sanitari** ed assistenziali nel lungo periodo.
- Migliorare la **competitività** del comparto europeo con attività economiche e un'espansione ai nuovi mercati.
- Consentire alla popolazione di **invecchiare restando attivi** e in buona salute è una sfida condivisa da tutti i paesi europei.



I settori d'intervento prioritari sono stati individuati nel [piano strategico di attuazione](#) e nel [piano operativo](#), adottati nel 2011 dal [gruppo direttivo](#) incaricato dell'avvio e dell'attuazione della partnership.

Per realizzare il piano tutti i soggetti interessati hanno iniziato a collaborare nell'ambito di [gruppi d'azione](#).

- ✓ [Action Group A1: Prescription and adherence action at regional level.](#)
- ✓ [Action Group A2: Personalized health management: Falls prevention.](#)
- ✓ [Action Group A3: Prevention of functional decline and frailty.](#)
- ✓ [Action Group B3: Integrated care for chronic diseases, including remote monitoring at regional level.](#)
- ✓ [Action Group C2: Interoperable independent living solutions.](#)
- ✓ [Action Group D4: Age friendly buildings, cities and environments.](#)

Stakeholders wishing to get involved in the advancing of Specific Actions have formed **Action Groups** through the "**Invitation for Commitment**" application process.

In each Action Group, stakeholders commit to running a number of activities, contributing towards the headline target, starting with the creation and implementation of an Action Plan.

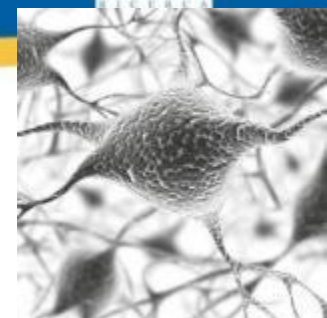


# JPND

## research

EU Joint Programme – Neurodegenerative Disease Research

EU Joint Programme – Neurodegenerative Disease Research



La strategia del JPND rappresenta una visione per coordinare la ricerca nell'ambito delle malattie neurodegenerative, in particolare l'**Alzheimer**. Si affronta l'intero spettro di attività di ricerca che è necessario per affrontare il peso crescente di queste patologie per il prossimo decennio e oltre.

L'obiettivo del **Programma Congiunto (JPND)\*** è quello di migliorare rapidamente la nostra comprensione delle cause di questo tipo di malattie. Oltre a **fornire ai medici gli strumenti per diagnosticare e trattare queste malattie** sin dalla fase precoce, il JPND dovrebbe anche portare ad un **migliore sistema di assistenza sanitaria e sociale** sia per i pazienti che per chi si prende cura di loro.

\*The JPND diseases are:

*Alzheimer's disease (AD) and other dementias, Parkinson's disease (PD) and PD related disorders, Prion disease, Motor neurone diseases (MND), Huntington's Disease (HD), Spinocerebellar ataxia (SCA), Spinal muscular atrophy (SMA)*

## Implementation Plan

A first-phase JPND Implementation Plan has been agreed for the **period of 2012-2014**.  
 The plan has these major action areas:

**Annual Calls for Proposals**

**Action Groups to determine research needs and opportunities**

**Action Groups to promote engagement, commitment and partnerships**

**Annual Calls for Proposals**

JPND intends to launch Calls for proposals each year to address high priority areas in neurodegenerative disease research. Over the period of 2012-2014, it is anticipated that JPND will launch calls to address each of the following priority areas:

### **Next Calls *End of 2014***

*In general: Minimum 3 and maximum of 6 research groups (principal investigators) from at least 3 different countries of the funding organizations participating in this call*

<http://www.neurodegenerationresearch.eu/initiatives/annual-calls-for-proposals/open-calls/>

**NEW Partnering Tool**

<http://www.neurodegenerationresearch.eu/initiatives/annual-calls-for-proposals/partnering-tool/>

# SERVIZI A SUPPORTO DEL NETWORKING E RICERCA DI NUOVI PARTNER

## Welcome to HealthCompetence

This website includes all projects related to life science and health supported by the European Commission since 2004. It gives visibility to organisations and scientists involved in these projects and, together with interactive search devices, facilitates the identification of potential collaboration partners and the set up of partnerships between academia and industry in health research.

HealthCompetence will also progressively give access to the research results in terms of technology offers, patents and publications.



### Simple Search

Search



### Upcoming Events



### Project Search

find Projects by research field, country and more.

Go >>



### Person Search

find Organisations and Persons

Go >>



### Generate your report

use a set of reports to answer your questions on research funded by the European Commission

Go >>

[www.HealthCompetence.eu](http://www.HealthCompetence.eu)

An open, pan-European infrastructure for information on research projects & results within Health Science

#### Help & Support:

[support@avedas.com](mailto:support@avedas.com)

#### Online Survey:

Please take part in our survey  
HealthCompetence Online Survey



Coordinated by AVEDAS in collaboration with EFB and InsermTransfert.  
Financed and supported by European Commission - Directorate - General for Research and Innovation



# INTERNATIONAL TRAINING FOR HORIZON 2020 NEWCOMERS

18 FEBRUARY 2014 | BUDAPEST

What are you looking for?

Bring your research results to the market

Get prepared for Horizon 2020

Join knowledge transfer community



Fit for Health 2.0 Supports industry, SMEs and researchers in Health sector through the entire innovation cycle of their research projects in FP7 and Horizon 2020

Search

Upcoming Events



## Publish Your Profile

Present your companies or research institutes research field and expertise through filling the proposed profiling form! Your profile will be entered into FFH database.



## Publish Your Partner Search

Are you a coordinator of a research consortia preparing a project proposal for an open call in Horizon 2020 funded research in the Health sector and look for SME partners?



## Find Your Partners

Search the Fit for Health 2.0 database for expertise profiles of SMEs and research institutes interested in becoming involved in Horizon 2020 research projects.



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

# Create a new Profile

Fields with \* are required.

## I. Organisation Details

Research Activities \*

## II. FP European Projects

Former participation in an FP European Project?

No  Yes

Project Title / Acronym

Activities performed

## III. Expertise / Commitments Offered

Keywords specifying the expertise \*

Description of the expertise \*

Commitment offered \*

- technology development
- dissemination
- demonstration
- research
- training

If other commitment offered, please specify here

Call Topics

Select Topics



For complete topics description, please refer to work programme available here ([http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014\\_2015/main/h2020-wp1415-health\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/main/h2020-wp1415-health_en.pdf))

## IV. Expectations

Term Commitment \*

Short (<1 year)  Medium (1 to 3 years)  Long (> 3 years)

Expected results for your organisation \*

## V. Personal Information

Would you agree that your identity is displayed with the profile? Should you prefer confidential treatment of your identity, only the expert in service of your profile will be displayed...

Display my identity with this profile:

No  Yes

Create

euMatch v3.0 © 2014 Eurotop. (<http://eurotop.be/>)

# Create a new Project

Fields with \* are required.

## I. Project Details

Project Title \*

Acronym

Project Types \*

- Research and Innovation Action (RIA) - 100% funding scheme
- SME-Instrument
- Pre-Commercial Procurement (PCP)
- Inducement Prize
- ERA-NET Co-fund (only for member states)
- Innovation Action (IA) - 70% funding scheme
- Fast Track to Innovation (FT2)
- Public Procurement of Innovative Solutions (PPI)
- Coordination and Support Action (CSA)

If other project type, please specify here

Status \*

- Planned for submission  Running project

Call Topics

Select Topics

For complete topics description, please refer to work programme available here ([http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014\\_2015/main/h2020-wp1415-health\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/main/h2020-wp1415-health_en.pdf))

Main Research Areas \*

Project Description \*

Keywords \*

Partners already involved

Project estimated budget (€)

Estimated budget reserved for SMEs (€)

## II. Profile of SME or other Organization Sought

Roles \*

- technology development
- dissemination
- demonstration
- research
- training

If other role, please specify here

Country / Region \*

Start of Partnership \*

- Start-up phase  Mid-term  End-phase

Expertise required \*

## III. Personal Information

Would you agree that your identity is displayed with the profile? Should you prefer confidential treatment of your identity, only the expert in service of your profile will be displayed...

Publish User Info

- No  Yes

Create



## Interested in participation in Research projects within the EU Horizon 2020 Programme?

Building an international consortium is the first step to take part in Horizon 2020. The EU framework programme for Research and Innovation..

APRE has developed a new Partner Search service to assist organizations like universities, enterprises, research institutions, SMEs and other legal entities in finding appropriate partners/coordinators for participation in Horizon 2020. This service provides you with details on partner profiles and active partnership requests from organizations across Europe and around the world.

### Find a Partner Search

<b>Code</b> <input type="text"/>	<b>Keywords</b> <input type="text"/>
<b>Country</b> All <input type="button" value="v"/>	<b>Organisation name</b> <input type="text"/>
<b>Status</b> All <input type="button" value="v"/>	<b>Call Identifier</b> <input type="text"/>
<b>Objective/Topic</b> <input type="text"/>	<b>Funding Scheme</b> <input type="text"/>
<input type="button" value="Search"/>	

Are you a coordinator of a project proposal looking for partners?

[Publish your project idea in the Partner Search database »](#)

[Check the profile database to find a suitable partner search »](#)

Are you looking for participation in project proposal as a partner?

[Publish your Profile in the dedicated database »](#)

[Check the Partner Search database to find a project proposal to join »](#)

## Logon

### Useful Links

- [Horizon 2020](#)
- [National Contact Points](#)
- [Participant Portal](#)
- [Helpdesk](#)



### Partner Search Database

In this section you can:

→ [Upload your own partner search](#)

→ [Check the Partner Search Database](#)



### Profile Database

In this section you can:

→ [Upload your own profile](#)

→ [Check the Profile Database](#)

# Information

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



- **Information on research programmes and projects:**

<http://cordis.europa.eu/>

- **research<sup>★</sup>eu**  
 the magazine of the european research area

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

- **Information requests:**  
<http://ec.europa.eu/research/enquiries/>





# GRAZIE PER L'ATTENZIONE!

**APRE**  
Agenzia per la Promozione della Ricerca Europea  
via Cavour, 71  
00184 - Roma  
[www.apre.it](http://www.apre.it)  
Tel. (+39) 06-48939993  
Fax. (+39) 06-48902550

**Bruno Mourenza**  
**Health NCP**  
[mourenza@apre.it](mailto:mourenza@apre.it)

