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theoria poesis praxis

research

Health & Biomedicine

European Funding Opportunities 2018-2020

Tatiana Costa

Research Support Office

Vice-Rectorcy for Research and Doctoral School

University of Aveiro

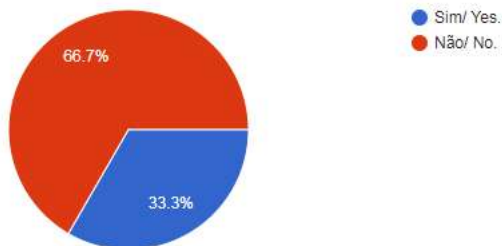
January 2018



The rationale behind this session...

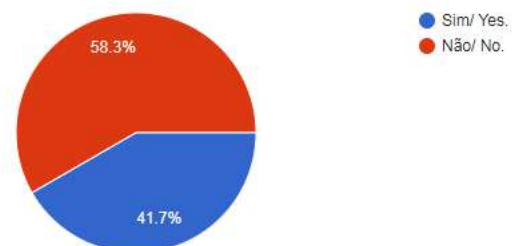
Já submeteu propostas a projetos europeus/ Have you submitted any proposals to EU projects?

24 responses



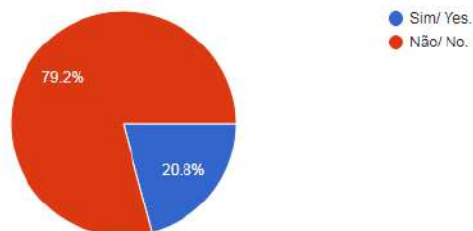
Já participou/ Participa em projetos europeus/ Have you participated/ Are you participating in an EU project?

24 responses



Está a preparar, atualmente, alguma proposta a financiamento europeu/ Are you currently working on a proposal to EU funding?

24 responses





The rationale behind your participation in this session ... I want ...

- money to develop my research team
- money to sustain my existing team
- to be a partner on a European research project
- To lead a European consortium
- To build my European research network
- To start linking with industrial partners
- To develop a technology or develop a product
- To second my staff to industry and vice-versa
- to be internationally recognised for my research
- Etc...



European Funding at a glance

Interreg Programmes

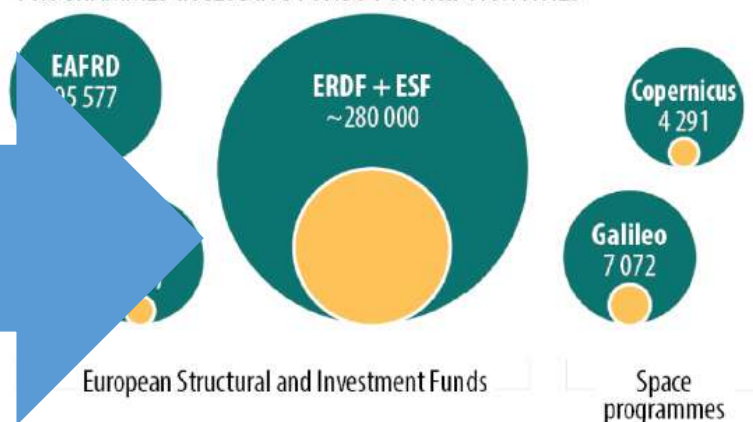
(European Territorial Cooperation (ETC))

- cross-border (Interreg A) – **Spain-Portugal (POCTEP)**
- transnational (Interreg B) – **Europe**
- interregional (Interreg C) – **SUDOE, MED, Atlantic Area**

National /Regional Programmes

ACTIVITIES

PROGRAMMES INCLUDING FUNDS FOR R&I ACTIVITIES



PROGRAMMES CONNECTED TO R&I ACTIVITIES



**COST
Eurostars**

...

ECSC Treaty
legacy

RFCS
319

* Budget for 2014-2018

Data source: [Multiannual Financial Framework](#), European Commission, 2015.

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H2020 in a nutshell





Horizon 2020 Structure

Excellent Science

European Research Council (ERC)

Future Emerging Technologies (FET)

Marie Skłodowska Curie Actions (MSCA)

European Research Infrastructures

Researchers driven:

Excellent science is the foundation of tomorrow's technologies, jobs and wellbeing

Industrial Leadership

Enabling and Industrial Technologies

Access to Risk Finance

Innovation in SMEs

Industry driven:

Strategic investments in key technologies
Support to innovative companies

Societal Challenges

Health, Demographic Change and Wellbeing

Food Security, Sustainable Agriculture, etc.

Secure, Clean and Efficient Energy

Smart, Green and Integrated Transport

Climate Action, Resource Efficiency and Raw Materials

Inclusive, Innovative and Reflective Societies

Secure Societies

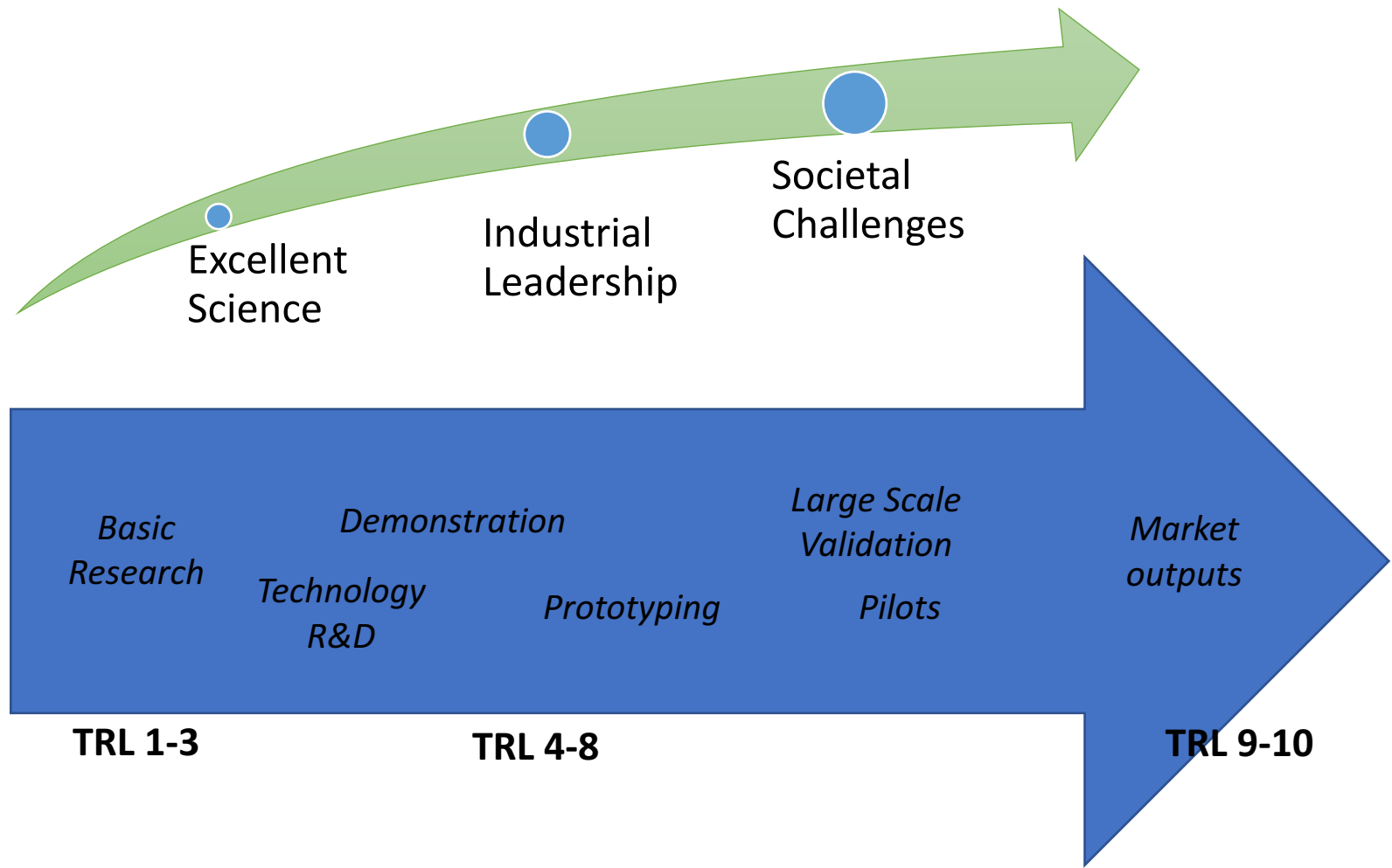


Society driven:

Address concerns of citizens and society/EU policy objectives
Multidisciplinary collaborations

European Institute of Innovation & Technology (EIT) • Joint Research Centre (JRC)
• Spreading Excellence and Widening Participation • Science with and for Society

Coverage of the full innovation chain





From the WP to the proposal

Work Programme (Biannual)

Topics

- Challenge
- Focus
- Impact

Actions

- Research & Innovation
- Innovation
- Coordination and Support



Types of Action, Funding Rates and so on...

Action Type	Applicants	Activities funded	Eligibility	Funding	overheads
Research and Innovation Actions – RIA (collaborative projects)	Research Institutes, Higher Educations Institutions, Companies	R&D; Innovation; Management; Others (training, dissemination & exploitation)	3 legal entities established in Member States or Associated Countries that are different and independent of each other	100%	25% (over direct costs, excluding subcontracting)
Innovation Actions – IA (collaborative projects)	Research Institutes, Higher Educations Institutions, Companies	R&D; Innovation; Management; Others (training, dissemination & exploitation)	3 legal entities established in Member States or Associated Countries that are different and independent of each other	70% (100% for non profit entities)	25% (over direct costs, excluding subcontracting)
Coordination and Support Actions – CSA	Research Institutes, Higher Educations Institutions, Companies	Management; Networking; Others (training, dissemination & exploitation)	1 legal entity established in Member States or Associated Countries	100%	25% (over direct costs, excluding subcontracting)
SME instrument	SME (subcontracts as a possibility)	Innovation; Management; Others (training, dissemination & exploitation)	1 SME established in Member States or Associated Countries	70%	25% (over direct costs, excluding subcontracting)

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Health in H2020





Horizon 2020 is the EU's research and innovation funding programme



Horizon 2020 HEALTH research and innovation funding

An investment in better health for all

more than 10 billion
2014-2020

15 funding
channels

to meet specific health research and innovation needs

includes support for individual grants and fellowships, SMEs, large collaborative public-private consortia

INVESTMENT IN RESEARCH AND INNOVATION AIMS TO IMPROVE THE QUALITY OF LIFE FOR EU CITIZENS



sustain health and
care systems



provide innovative
solutions addressing
the main challenges through
collaborative research



stimulate the entire health
R&I cycle from bench
to bedside and the rapid
transfer of knowledge



increase Europe's
competitiveness, prosperity
and wellbeing



support global sustainable
development



support the generation
of a health research
cloud



5 Areas – 5 modalities



COLLABORATIVE RESEARCH

Support multidisciplinary and cross-sector research on health and care for generating and translating new knowledge into applications and benefits for the society

COLLABORATIVE RESEARCH

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

PARTICIPATION



FUNDING



CUSTOMER

All legal entities

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



Personalised medicine



Innovative health and care industry



Infectious diseases and improving global health



Innovative health, and care systems
Integration of care



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



Digital transformation in Health and Care



Trusted Big Data solutions and Cybersecurity for Health and Care



Pilar 3 – SC 1



5 Areas – 5 modalities



INNOVATIVE HEALTH AND CARE INDUSTRY

Translate innovation into practical health and care applications benefiting citizens, healthcare systems and businesses

INNOVATIVE MEDICINE INITIATIVE (IMI) *



To offer grants towards the development of patient access to personalised medicine for the health and wellbeing of all, especially in areas of unmet medical need

PARTICIPATION



FUNDING



CUSTOMER Academic institutions | SMEs and research organisations | large pharmaceutical companies | patient organisations | NGOs | public bodies

SME INSTRUMENT **Pilar 2**



To support individual highly innovative SMEs via competitive grants

PARTICIPATION



FUNDING



CUSTOMER

SMEs

FAST TRACK TO INNOVATION (FTI)



To provide grants to bottom-up proposals for close-to-market innovation activities

PARTICIPATION



FUNDING



CUSTOMER

SMEs | industry | academic institutions

INNOVFIN INFECTIOUS DISEASES (INNOVFIN ID)



To provide loans to support bankable development of innovative vaccines, drugs, medical and diagnostic devices or novel research infrastructures for infectious diseases

PARTICIPATION



FUNDING



but clinical studies can also be supported in

CUSTOMER

Small and big R&D companies and any other entity that can take loans (EUR 7.5m to EUR 75m)

EIT HEALTH *



To provide grants to increase competitiveness of European industry, improve the quality of life of Europe's citizens and the sustainability of healthcare systems

PARTICIPATION



FUNDING



CUSTOMER

Legal entities interested in mixing research, innovation and education

HORIZON PRIZES *



To offer a cash reward to whoever can most effectively meet a defined challenge

PARTICIPATION



FUNDING

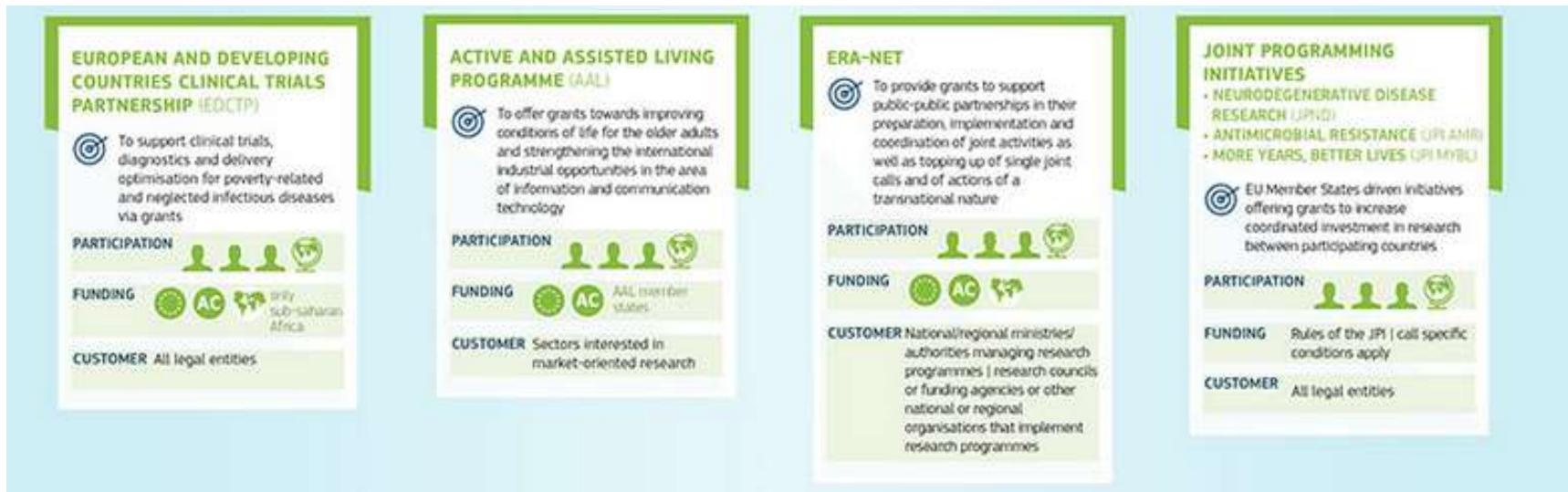


CUSTOMER

Any individual or legal entity who can meet the challenge

5 Areas – 5 modalities

WORKING WITH MEMBER STATES AND INTERNATIONAL PARTNERS Foster European and global coordination in health and disease research



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

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

<https://www.fct.pt/apoios/cooptrans/eranets/>

<http://www.neurodegenerationresearch.eu/>
<https://www.jpimr.eu/>
<http://www.jp-demographic.eu/calls/>

5 Areas – 5 modalities

BLUE SKY RESEARCH

Reinforce and extend the excellence of the EU's science base
(including in life sciences and health-related research)

EUROPEAN RESEARCH COUNCIL (ERC) *

To promote investigator-driven, or bottom-up frontier research via grants

PARTICIPATION



FUNDING



CUSTOMER Largely targeted at academics

FUTURE AND EMERGING TECHNOLOGIES (FET) *

To offer grants for developing new lines of technology through unexplored collaborations between advanced multidisciplinary science and cutting-edge engineering

PARTICIPATION



FUNDING



CUSTOMER All legal entities

MARIE SKŁODOWSKA-CURIE ACTIONS (MSCA) *

To provide grants for all stages of researchers' careers and encourage transnational, intersectoral and interdisciplinary mobility

PARTICIPATION



FUNDING



CUSTOMER Pre-doctoral and post-doctoral researchers in the academic | industrial sectors

Pilar 1



INFRASTRUCTURES

Support facilities, resources and services used by the science community to conduct research and foster innovation (including in the health area)

12 EUROPEAN STRATEGY FORUM ON RESEARCH INFRASTRUCTURES (ESFRI) PROJECTS IN THE HEALTH RESEARCH AREA

To support facilities, resources and services used by the science community, to conduct research and foster innovation in the biological and medical areas

PARTICIPATION



FUNDING



CUSTOMER Academic institutions | research organisations | public bodies

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Overview of the opportunities in WP 2018-2020





Work Programmes 2018-2020 – New features

LEIT-NMBP, LEIT-Space, SC1, SC2, SC3, SC4 and SC5

Building a low carbon, climate resilient future

Digitising and transforming European industry and services

LEIT-ICT, LEIT-NMBP, LEIT-Space, Societal Challenges 1, 2, 4 and 6.

Focus Areas

Connecting economic and environmental gains – the Circular Economy

Boosting the effectiveness of the Security Union

LEIT-NMBP, and Societal Challenges 2, 3 and 5.

LEIT-ICT, LEIT-Space and Societal Challenges 6 and 7.



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Pilar 1

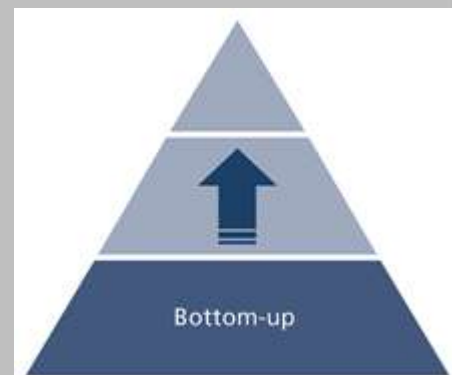
Excellent Science

European Research
Council (ERC)

Future Emerging
Technologies (FET)

Marie Skłodowska
Curie Actions (MSCA)

European Research
Infrastructures



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gabinete de apoio
à investigação



Pilar 1 – European research Council (ERC)

Starting Grants

are designed to support excellent Principal Investigators at the early stage at which they are beginning their own independent research team within the programme.

(2-5 years after PhD)

Cut-off dates:
PhD awarded from 1 January 2011 to 31 December 2015 (inclusive))

Expected – August 2018?

Consolidator Grants

(7-12 years after PhD)

Open - 24/10/2017 to 15/02/2018

Cut-off dates:
from 1 January 2006 to 31 December 2010 (inclusive))

Advanced Grants

designed to support excellent Principal Investigators at an advanced career stage at which they have already established an independent research team and a significant record of research achievements in the last 10 years

Expected – 17/05/2018 to 30/08/2018

Synergy Grants– enable 2- 4 PI's (complementing each other's skills, knowledge, and resources) to bring their expertise to bear in new ways, in order to jointly

Expected – 03/08/2018 to 14/11/2018

address research problems as appropriate to their career stage.

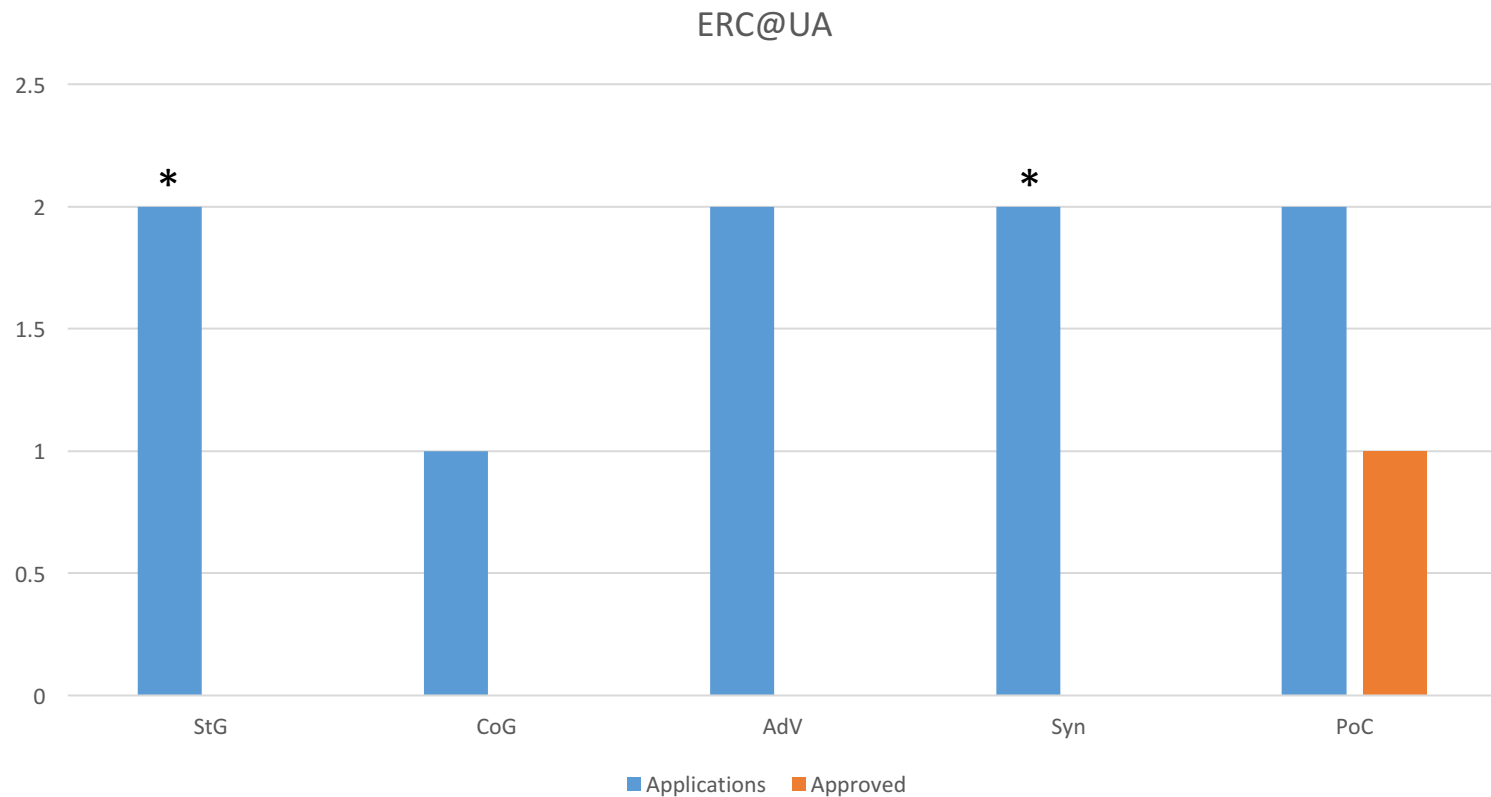
OPEN 6/09/2017 to 16/01 | 18/04 | 11/09 2018

Proof-of-Concept bridging innovation up to €150,000

– earliest stage of marketable



Pilar 1 – ERC@UA profile 2017



* on going evaluation process



Pilar 1 – FET (EIC)

***Future and emerging technologies** shall support collaborative research in order to extend Europe's capacity for **advanced and paradigm-changing innovation**. It shall foster scientific **collaboration across disciplines** on **radically new, high-risk ideas** and accelerate development of the most promising emerging areas of science and technology as well as the Union wide structuring of the corresponding scientific communities."*

FET Open

- Exploring novel ideas

Open (RIA)

1st cut-off – 16 may 2018

2nd cut-off – january 2019

Open (CSA)

1st cut-off – 11 april 2018

2nd cut-off – 16 october 2018

- Bottom-up

FET Proactive

- Developing topics and communities – cluster of research projects
- Global System Sciences
- Knowing, doing being-cognition beyond problem solving
- Quantum simulation
- Towards exascale high performance computing

FET Flagship

- Tackling grand interdisciplinary science and technology challenges
- Graphene
- Human Brain (HBP)
- *Support for Flagships*

Open, light and agile

Roadmap based research





Pilar 1 – FET (Open)

RIA

to lay **the foundations for radically new future technologies** of any kind from **visionary interdisciplinary collaborations** that **dissolve the traditional boundaries between sciences and disciplines**, including the social sciences and humanities. This topic also encourages the driving role of **new actors in research and innovation, including excellent young researchers, ambitious hightech SMEs and first time participants to FET** under Horizon 2020 from across Europe.

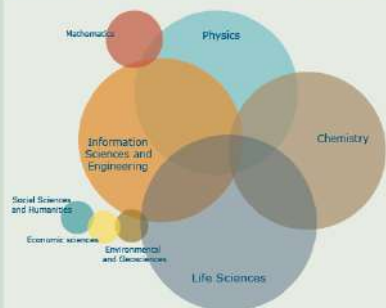
Proposals are sought for **cutting edge high risk / high impact** interdisciplinary research

CSA

to promote excellent collaborative research and innovation on future and emerging technologies to secure and renew the basis for future European competitiveness and growth, and that will make a difference for society in the decades to come

- FET Communication and Outreach
- FET Innovation
- FET Observatory

Funded projects interdisciplinarity



A typical Research and Innovation Action project



Average funding
per project:
3.4 million €



Average number of
partners per project:
6



Average project
duration:
41 months



Pilar 1 – FET (flagships)

FETFLAG-01-2018: Preparatory Actions for new FET Flagships

NOW OPEN – 31st October 2017 to 20 February 2018 (1st stage)
2nd stage – 18 September 2018

Proposals should contain a description of a potential FET Flagship and how this is to be matured over the course of the preparatory action into a more complete blueprint.(...)

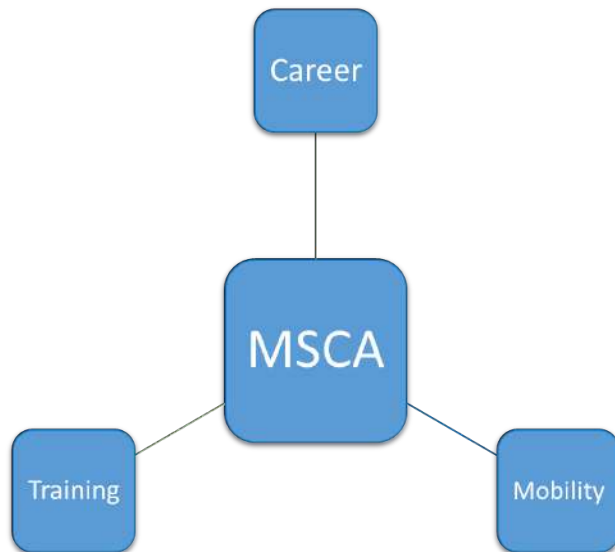
Proposals for candidate FET Flagships must target a visionary unifying goal within one of the following three main areas:

- ICT and Connected Society - Smart Materials and Nanoscale Engineering:
- **Health and Life Sciences;**
- Energy, Environment and Climate change - Radically new Energy Production, Conversion and Storage devices and systems:

They should present a multidisciplinary approach that brings together the relevant communities to address their unifying goal.

- **Disruptive technologies to Revolutionise Healthcare**
- **Understanding Life by Exploring the Genome and the Cell:**

Pilar 1 – MSCA - General Features



- Ensure excellent and innovative research training as well as attractive career and knowledge-exchange opportunities through **cross-border and cross-sector mobility** of researchers/innovation staff
- Open to **all domains** of research and innovation /from basic to applied research (bottom-up approach)
- Open to researchers/innovation staff at **all career stages**
- Open to universities, Research institutions, Research infrastructures, **businesses**, other socio-economic actors
- Open to MS and third countries
- Operate in a 'bottom-up' basis , covering all scientific domains
- Strong accent on participation of industry, SMEs and non-academia overall



Pilar 1 – MSCA- calls

ITN - Innovative Training Networks	<p>Support for doctoral and early-stage training European Training Networks (ETN), European Industrial Doctorates (EID), European Joint Doctorates (EJD)</p> <p><i>Indicative dates 12 Oct 2017 – 17 jan 2018</i></p>	Host-driven!
IF- Individual Fellowships	<p>Support for experienced researchers undertaking international and inter-sector mobility: European Fellowships and Global Fellowships Dedicated support for career restart and reintegration</p> <p><i>Indicative dates 12 Apr 2018 – 12 set 2018</i></p>	Individual-driven!
RISE - Research and Innovation Staff Exchange	<p>International and inter-sector cooperation through the exchange of staff</p> <p><i>Indicative dates 22 nov 2017 – 21 mar 2018</i></p>	Host-driven!
COFUND - Co-funding of regional, national and international programmes	<ul style="list-style-type: none"> - Doctoral programmes - Fellowship programmes <p><i>Indicative dates 12 apr 2017 – 27 sept 2018</i></p>	Institutional (strategic, only 50% funding)



- **Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, and Biotechnology (NMBP's)**
- **Space**
- **ICT**

Pilar 2

Industrial Leadership

Enabling and Industrial Technologies

Access to Risk Finance

Innovation in SMEs

Pilar 2 – LEIT - Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, and Biotechnology (NMBP's)

Foundations for tomorrow's Industry

- **Open Innovation Test Beds**
- **Materials characterization and Computational Modelling**
- **Governance, Science-based risk assessment and regulatory aspects**

Transforming European Industry

- **Factories of the Future (FoF)**
- **Biotechnology**
- **Medical Technical Innovations**

Industrial Sustainability

- **Sustainable Process Industry (SPIRE)**
- **Catalysing the circular economy**
- **Clean energy through innovative materials**
- **Cultural heritage**
- **Energy-Efficient buildings (EEB)**



Pilar 2 – LEIT-Foundations for tomorrow's Industry

Call Identifier	Tipo de ação	Specific Challenge/Scope	Deadlines
DT-NMBP-03-2019: Open Innovation Test Beds for nano-enabled surfaces and membranes	IA	The challenge is to enable a cost effective and sustainable industrial upscaling and deployment of nano-enabled surface and membrane technologies (...)bio-functionality, bio-compatibility, control of reflectivity, sensing ability, self-cleaning, antimicrobial, permeability and selectivity properties(...)	16 Oct 2018 - 22 Jan 2019
DT-NMBP-04-2020: Open Innovation Test Beds for bio-based nano-materials and solutions	IA	to be published	to be defined
DT-NMBP-06-2020: Open Innovation Test Beds for nano-pharmaceuticals production	IA	to be published	to be defined
NMBP-17-2020: Regulatory science for medical technology products	RIA	to be published	to be defined



Pilar 2 – LEIT-Transforming European Industry

Call Identifier	Tipo de ação	Specific Challenge/Scope	Deadlines
BIOTEC-07-2020: Multi-omics for the optimisation of genotype-phenotype associations	RIA	to be publicated	to be defined
DT-NMBP-23-2020: Next generation organ-on-chip	RIA	to be publicated	to be defined

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The obvious...

Pilar 3

Societal Challenges

Health, Demographic
Change and Wellbeing

Food Security,
Sustainable Agriculture,
etc.

Secure, Clean and
Efficient Energy

Smart, Green and
Integrated Transport

Climate Action,
Resource Efficiency and
Raw Materials

Inclusive, Innovative and
Reflective Societies

Secure Societies





Pilar 3 – DS1 Health, demographic change and wellbeing

Better Health and Care, economic growth and sustainable health (BHC)

- Personalised medicine
- Innovative health and care industry
- Infectious diseases and improving global health
- Innovative health and care systems – integration of care
- Decoding the role of the environment for health and well-being

Digital transformation in Health and Care (DTH)

- Enable better access to healthcare for patients
- Ensure the sustainability of health and care systems

Trusted digital Solution and Cybersecurity in health and care

- Strong contribution to focus áreas Digitising and transforming European industry and services and Boosting the effectiveness of the Security Union.



http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-health_en.pdf





Pilar 3 – DS1 – Personalized Medicine & Innovative Health and care industry

28 jul 2018 to 2 oct
2018 (2 stage!)

deadline 18 apr
2018

Call repeats annually

deadline 18 apr 2018

28 jul 2018 to 2 oct 2018 (2
stage!)

deadline 18 apr 2018

SC1-BHC-01-2019: Understanding causative mechanisms in co- and multimorbidities....
SC1-BHC-02-2019: Systems approaches for the discovery of combinatorial therapies for complex disorders

SC1-BHC-03-2018: Exploiting research outcomes and application potential of the human microbiome for personalised prediction, prevention and treatment of disease

SC1-BHC-05-2018: International flagship collaboration with Canada for human data storage, integration and sharing to enable personalised medicine approaches

SC1-HCO-01-2018-2019-2020: Actions in support of the International Consortium for Personalised Medicine

SC1-HCO-02-2018: Data integration and data-driven in-silico models for enabling personalised medicine - a European standardization framework

RIA

CSA

SC1-BHC-07-2019: Regenerative medicine: from new insights to new applications

SC1-BHC-09-2018: Innovation platforms for advanced therapies of the future

SC1-HCO-05-2018: Strengthening regulatory sciences and supporting regulatory scientific advice

RIA

CSA





Pilar 3 – DS1 – Infectious diseases and Improving Global Health

- SC1-BHC-13-2019: Mining big data for early detection of infectious disease threats driven by climate change and other factors.....
- SC1-BHC-14-2019: Stratified host-directed approaches to improve prevention, treatment and/or cure of infectious diseases.....
- SC1-BHC-15-2018: New anti-infective agents for prevention and/or treatment of neglected infectious diseases (NID)
- SC1-BHC-16-2018: Global Alliance for Chronic Diseases (GACD) - Scaling-up of evidence-based health interventions at population level for the prevention and management of hypertension and/or diabetes.....
- SC1-BHC-18-2018: Translational collaborative cancer research between Europe and the Community of Latin American and Caribbean States (CELAC).....



Pilar 3 – DS1 – Infectious diseases and Improving Global Health

- SC1-BHC-13-2019: Mining **big data** for **early detection of infectious disease** threats driven by **climate change and other factors**.....
- SC1-BHC-14-2019: Stratified **host-directed approaches** to improve **prevention, treatment and/or cure of infectious diseases**.....
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- SC1-BHC-16-2018: Global Alliance for Chronic Diseases (GACD) - Scaling-up of **evidence-based health interventions at population level** for the **prevention and management of hypertension and/or diabetes**.....
- SC1-BHC-18-2018: **Translational collaborative cancer research** between **Europe** and the Community of **Latin American and Caribbean States (CELAC)**.....
- SC1-BHC-19-2019: Implementation **research for maternal and child health**.....
- SC1-BHC-21-2018: **Research on HIV, tuberculosis (TB) and/or hepatitis C (HCV)** in patients with mono-, co-infections and/or comorbidities in the context of fostering collaboration with the Russian Federation.....
- SC1-HCO-06-2018: Establishment of an International Network of Social Sciences Research Centres to help address governance and other challenges in the preparedness for and the response to infectious threats.....
- SC1-HCO-08-2018: Creation of a **European wide sustainable clinical research network for infectious diseases**.....
- SC1-HCO-09-2018: Building international efforts on **population and patient cohorts**.....
- SC1-HCO-10-2018: Coordinating European brain research and developing global initiatives.....
- SC1-HCO-11-2018: Strategic collaboration in **health research and innovation** between **EU and China**.....



Pilar 3 – DS1 – Innovative health and care systems – integration of care

SC1-BHC-22-2019: Mental health in the workplace	5
SC1-BHC-23-2018: Novel patient-centred approaches for survivorship, palliation and/or end-of-life care	5
SC1-BHC-25-2019: Demonstration pilots for implementation of personalised medicine in healthcare	5
SC1-BHC-26-2018: HTA research to support evidence-based healthcare	5
SC1-HCO-12-2018: Innovation in healthcare - a CSA towards using pre-commercial procurement and public procurement of innovative solutions in healthcare systems	5

Pilar 3 – DS1 Decoding the role of the environment for health and well-being

SC1-BHC-27-2018: New testing and screening methods to identify endocrine disrupting chemicals	
SC1-BHC-28-2019: The Human Exposome Project: a toolbox for assessing and addressing the impact of environment on health	
SC1-HCO-13-2018: Setting the priorities for a European environment, climate and health research agenda	



Pilar 3 – DS1 Digital transformation in Health and Care

SC1-DTH-01-2019:	Big data and Artificial Intelligence for monitoring health status and quality of life after the cancer treatment
SC1-DTH-03-2018:	Adaptive smart working and living environments supporting active and healthy ageing
SC1-DTH-05-2019:	Large scale implementation of digital innovation for health and care in an ageing society
SC1-DTH-07-2018:	Exploiting the full potential of in-silico medicine research for personalised diagnostics and therapies in cloud-based environments
SC1-DTH-08-2018:	Prototyping a European interoperable Electronic Health Record (EHR) exchange
SC1-DTH-09-2019:	Scaling up the univocal Identification of Medicinal Products
SC1-DTH-10-2019-2020:	Digital health and care services
SC1-DTH-11-2019:	Large Scale pilots of personalised & outcome based integrated care
SC1-HCC-01-2018:	Supporting investment in smart living environments for ageing well through certification
SC1-HCC-02-2019:	Support for the large scale uptake of open service platforms in the Active and Healthy Ageing domain
SC1-HCC-03-2018:	Support to further development of international cooperation in digital transformation of health and care
SC1-HCC-04-2018:	Digital health and care services – support for strategy and (early) adoption
SC1-HCC-05-2018:	Support to a Digital Health and Care Innovation initiative in the context of Digital Single Market strategy

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H2020 - Transversal Programmes



Spreading Science and Widening Participation

Disparities in research and innovation performance: barrier to competitiveness, growth and jobs across Europe

Some countries experience low participation in the EU Framework Programmes because of:

- insufficient national R&D investments
- lack of synergies between national research systems and the EU research landscape
- system learning effects
- reduced access to international networks
- problems with information, communication and training

- **Transfer of knowledge;**
- **Institutions enhancement;**
- **Links with Smart Specialisation;**
- **leading role in creating the innovative eco-system;**
- **Synergies with ESIF;**

**Institucional Building****TEAMING**

Creation of new (or significant upgrade of existing) Centres of Excellence in low R&I performing or "Widening" countries

Institucional Networking**TWINNING**

Strengthen a defined field of research in a university or research organisation from a Widening country by linking it with at least two internationally-leading research institutions

15 may 2018- 15 nov 2018

bringing excellence to institutions**ERA Chairs**

Bring high quality researchers and managers (the ERA Chair and his/her team) to universities and other research organisations with the potential for research excellence.

26 jul 2018 – 15 nov 2018

NCP's -
(information, communication, support)

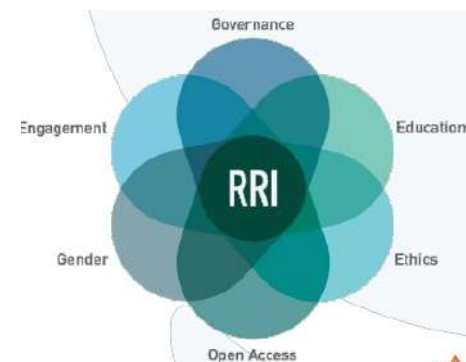
Policy Support Facility –
support for R&I Policy design

COST –
stimulating cross border science networks

Science with and for Society

The specific objective is to build effective cooperation between science and society, to recruit new talent for science and to pair scientific excellence with social awareness and responsibility.

1. Institutional Change to support RRI in Research Performing and Funding Organisations
2. Embedding RRI in H2020 R&I
3. Strengthening the SWAFs Knowledge-Base
4. Developing Inclusive, Anticipatory Governance for R&I
5. Other actions



WP 2018-2020
5 priorities , 22 calls

http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-swfs_en.pdf



Horizon Prizes (EIC)

OPEN: 4th QUARTER 2017 | CLOSE: 3rd QUARTER 2020

Early Warning for Epidemics

Prize value: €5 million

The challenge is to develop a scalable, reliable and cost-effective early warning system to forecast, monitor and ultimately prevent outbreaks of one or more vector-borne diseases.



Innovative Medicines Initiative (IMI)

The Innovative Medicines Initiative (IMI) is a partnership between the European Union and the European pharmaceutical industry. IMI facilitates open collaboration in research to advance the development of, and accelerate patient access to, personalised medicines for the health and wellbeing of all, especially in areas of unmet medical need.



Innovative Medicines Initiative (IMI)

- Topic 1: [Assessment of the uniqueness of diabetic cardiomyopathy relative to other forms of heart failure using unbiased pheno-mapping approaches](#)
- Topic 2: [Genome-Environment Interactions in Inflammatory Skin Disease](#)
- Topic 3: [The value of diagnostics to combat antimicrobial resistance by optimising antibiotic use](#)
- Topic 4: [Mitochondrial Dysfunction in Neurodegeneration](#)
- Topic 5: [Support and coordination action for the projects in the neurodegeneration area of the Innovative Medicines Initiative](#)
- Topic 6: [A sustainable European induced pluripotent stem cell platform](#)
- Topic 7: [Linking digital assessment of mobility to clinical endpoints to support regulatory acceptance and clinical practice](#)
- Topic 8: [Human tumour microenvironment immunoprofiling](#)
- Topic 9: [ConcePTION – Continuum of Evidence from Pregnancy Exposures, Reproductive Toxicology and Breastfeeding to Improve Outcomes Now](#)
- Topic 10: [Improving the preclinical prediction of adverse effects of pharmaceuticals on the nervous system](#)
- Topic 11: [Translational Safety Biomarker Pipeline \(TransBioLine\): Enabling development and implementation of novel safety biomarkers in clinical trials and diagnosis of disease](#)
- Topic 12: [Pilot programme on a Clinical Compound Bank for Repurposing: Cardiovascular diseases and diabetes](#)
- Topic 13: [Pilot programme on a Clinical Compound Bank for Repurposing: Respiratory diseases](#)
- Topic 14: [Pilot programme on a Clinical Compound Bank for Repurposing: Neurodegenerative diseases](#)
- Topic 15: [Pilot programme on a Clinical Compound Bank for Repurposing: Rare/orphan diseases](#)

deadline 28 february 2018





EIT-Health



European Institute of
Innovation & Technology

Search for...



A body of the European Union

EIT COMMUNITY

Who we are

ACTIVITIES

What we do

COLLABORATE

Work with us

NEWSROOM

What's going on

INTERACT

Connect with us

IN YOUR LANGUAGE

EIT in all EU languages

EIT - Making innovation happen

• 2018 Call for Proposals →

Find the latest information about the 2018 Call

• EIT Climate-KIC →

• EIT Digital →

• EIT Food →

• EIT Health →

• EIT InnoEnergy →

• EIT Raw Materials →



See the highlights of INNOVEIT 2017 in our Diary Flipbook!

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About EIT Health

EIT Health promotes healthy living, active ageing and improvements in healthcare.



About

[Goals](#)[Our Network](#)[Citizen Engagement](#)[Think Tank](#)[Governance Structure](#)

Our Network

EIT Health leverages the expertise of more than 140 leading organisations spanning key areas of healthcare, such as pharma, medtech, payers, research institutions and universities.

Connecting our partners' knowledge and competence, we accelerate collaborations in cutting-edge projects, develop health education for the future and speed up new business development.

Our unique, strong and committed partnership is a catalyst for healthcare innovation, cooperating to facilitate new solutions and technologies that benefit European citizens.

As a powerful innovation platform, our network is uniquely positioned in terms of breadth, core-competencies and experience to tackle the health care challenges Europe is facing.

support

universidade de aveiro



theoria poesis praxis

research

Other Programmes & Funding Sources





NIH

https://grants.nih.gov/funding/searchguide/ni-h-guide-to-grants-and-contracts.cfm?Activity_Code=&ExpiDate_On_After=&OrderOn=RelDsc: Pesquiser

U.S. Department of Health & Human Services > National Institutes of Health >

NIH National Institutes of Health
Office of Extramural Research

Grants & Funding
NIH's Central Resource for Grants and Funding Information

Entire Site Search this Site

[eRA](#) | [Glossary & Acronyms](#) | [FAQs](#) | [Help](#)

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NIH Guide to Grants and Contracts

The NIH Guide for Grants and Contracts is our official publication for NIH grant policies, guidelines and funding opportunities. We publish daily, and issue a [table of contents](#) weekly. Learn more [about the NIH Guide](#) and [subscribe today!](#)

The [old advanced search](#) is still available.

New Features:

- **Tabular view** - You can now view the search results in table format.
- **Export to excel** - Search results can now be exported to excel for reporting purposes.

Current Search ?

Search Summary or Number

Search Title

☒ Any of these words
☐ All of these words
☐ This exact word or phrase

Export to Save this Search

Refine Your Results ?

Results: **1 to 25 of 1427**

Page: 1 of 58 Next Last

Display Results as: **Table** Detailed

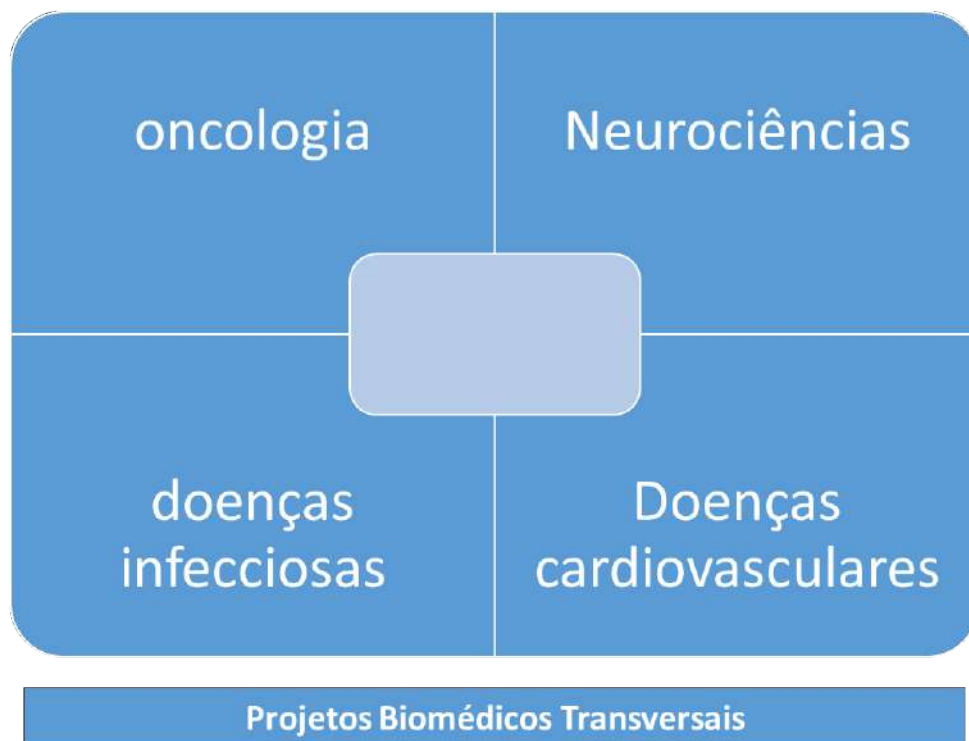
Active FOAs Expired FOAs Notices

Title	FOA Number	Organization	Released	Expires	Activity Code
NIDCD Mentored Career Development Award for Postdoctorate Au.D./Ph.D. Audiologists (K01 - No Independent Clinical Trials)	PAR-18-436	NIDCD	01-09-2018	01-08-2021	K01
NIDCD Mentored Career Development Award for Postdoctorate Au.D./Ph.D. Audiologists (K01 Clinical Trial Required)	PAR-18-435	NIDCD	01-09-2018	01-08-2021	K01
NIH StrokeNet Small Business Innovation Clinical Trials	PAR-18-563	NINDS	01-09-2018	01-06-2021	U44



Fundacion la caixa

Projetos de investigação em biomedicina e saúde, de excelência científica e com maior impacto social, de natureza básica, aplicada ou translacional

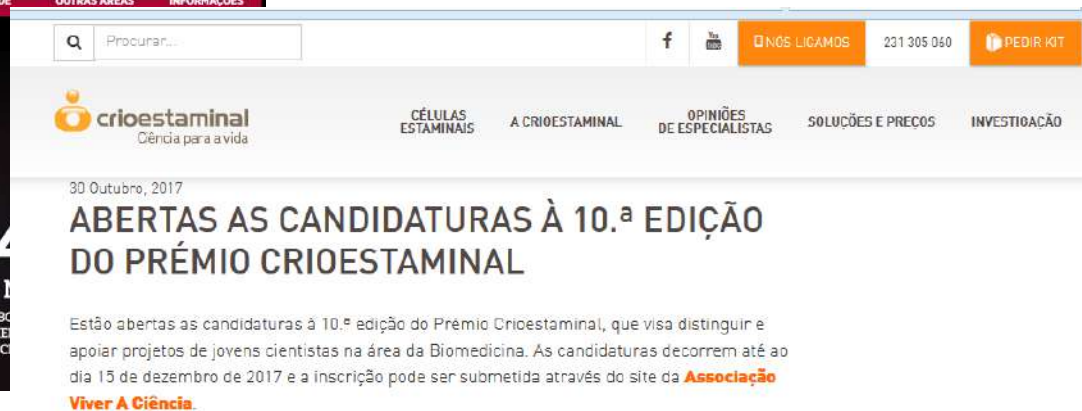
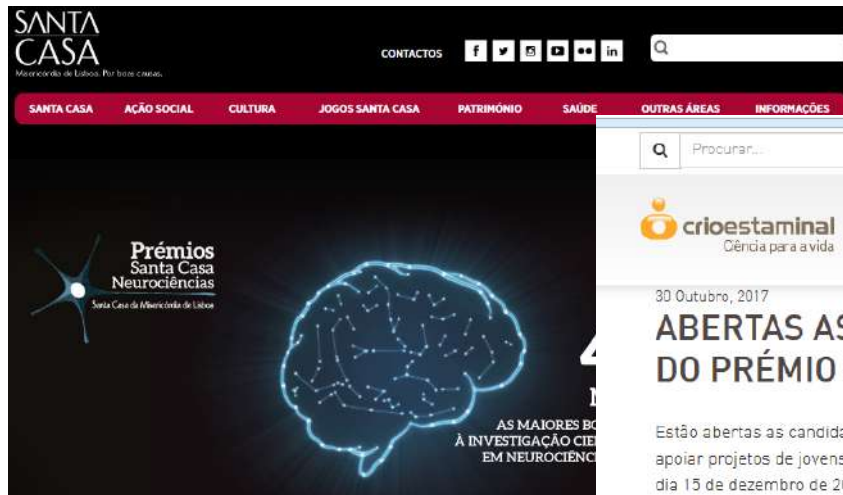


- PT e ES
- Categoria A: **única instituição** ou **consórcio** com um **orçamento máximo de € 500.000.**
- Categoria B: **por consórcios** com **abordagem transdisciplinar** com **orçamento máximo de € 1.000.000.**

deadline 16 march 2018



Outros Prémios



**deadline 31st
january 2018**

Interreg EUROPE

Main Goal To help regional and local governments across Europe to develop and deliver better policy.

Cooperation, collaboration and community engagement

4 Themes/Categories:

Research & innovation

SME competitiveness

Low-carbon economy

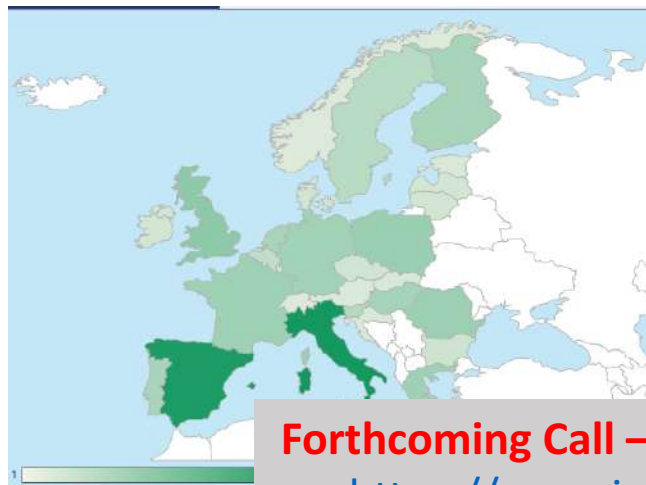
Environment & resource efficiency

3 types of beneficiaries:

Public authorities – local, regional and national

Managing authorities/intermediate bodies - in charge of the Investment for Growth and Jobs programmes or European Territorial Cooperation

Agencies, research institutes, thematic and non-profit organisations – although not our main target group, these types of organisations can also work with Interreg Europe by *first* engaging with their local policymakers in order to identify options for collaboration with Interreg Europe



3 partners of at least 2 different regions
28 EU countries + Norway+ Switzerland

co-finance up to 85% of project activities
budget around 1-2M€ per project

Forthcoming Call – 4th call (May - mid-June 2018) to be confirmed

<https://www.interregeurope.eu/projects/apply-for-funding/>

2 phases : Phase 1 - experience, ideas and know-how sharing, about how best to deal with the issue at hand. Each partner region must:

- Produce an action plan
- Set up a stakeholder group
- Participate in the Interreg Europe Policy Learning Platform

Phase 2 - **monitoring progress of the implementation** of their action plan and report to the lead partner. Pilot actions may be supported during this period.

Interreg SUDOE

At least **3 partners**, public and private non-profit organizations and companies, with the exception of large companies

On going call...

➔ Two phase calls:

➔ Project's Idea presentation (relevance and expected results)

(online submission* using the languages of the participating partners + paperback copy & commitemment declaration)

(Evaluation Step)

➔ 2. Detailed submission of the 1st phase approved proposals

(online submission* using the languages of the participating partners + paperback copy & commitemment declaration)



*UA já está registada como Unidade. Necessidade de Registo individual e associação da entidade
<http://interreg-sudoe.eu/prt/projetos/apresentar-o-meu-projeto>



Forthcoming calls
3rd call – beginning 2018

Forthcoming calls
4th call – end 2018

<http://www.interreg-sudoe.eu/prt/projetos/apresentar-o-meu-projeto>



Homepage / Projetos / As convocatórias / Encontre sóci@s / Consulte as ideias de projecto existentes

Projetos

As convocatórias

- Calendário
- Apresentar o meu projeto
- Ferramentas
- Encontre sóci@s
 - Consulte as ideias de projecto existentes
 - Proponha a sua ideia de projeto
- Primeira convocatória (TERMINADA)
- Segunda convocatória (EM CURSO)
- Os projectos aprovados
- Lista de beneficiários

Consulte as ideias de projecto existentes

Biotechnology - Regenerative medicine, tissue engineering and clinical application

ÚLTIMA REVISÃO: 22 MAR 2017

INSTITUIÇÃO	Vetherapy - Research and Development in Biotechnology
PESSOA DE CONTATO	Pedro Carvalho Mostrar email
ENDEREÇO	Av. José Sousa Fernandes, Campus Universitário - Bloco B
CIDADE	Coimbra
CÓDIGO POSTAL	3020-210
PAÍS	Portugal
REGIÃO	Centro
PRIORIDADE	Objetivo 1b1: Reforçar o funcionamento sinérgico e em rede da I+D a nível transnacional nos setores específicos do Sudoe a partir da especialização inteligente

Descrição

We are a biotech company acting in the veterinary clinical scenario. We develop different regenerative products based on stem cells, growth factors and biomaterials technology and are always looking for innovative therapeutic products/technologies that



Screenshot of the Interreg Europe search results page. The browser address bar shows <https://www.interregeurope.eu/search/>. The page features a navigation bar with four categories: Research and innovation, SME competitiveness, Low carbon economy, and Environment and resource efficiency. A sidebar on the left lists filters: Good practice, Library, News, Events, More options, Themes, and Countries/regions, with a Search button below. The main content area is titled "Trending project ideas" and displays three project cards:

- RICH-DEST: Railways...**
To preserve, restore, safeguard, showcase & deploy the very rich cultural &...
Submitted by: Manos Vougioukas
Greece (Ελλάδα)
- REDDERE+**
REDDERE is all about optimum SME performance within the scope of sustainable...
Submitted by: Jonathan Rodríguez
Spain (España)
- STAR Cities -Sustainable...**
Many European territories have developed strong relations with a river, that...
Submitted by: Camille Chowah
France



Interreg ES-PT (POCTEP)

•**Espanha:** Ourense, Pontevedra, Zamora, Salamanca, Cáceres, Badajoz, Huelva, A Coruña, Lugo, Ávila, León, **Valladolid**, Cádiz, Córdoba e Sevilla.

•**Portugal:** Alto Minho, Cávado, Terras Trás-os-Montes, Douro, Beiras e Serra de Estrela, Beira Baixa, Alto Alentejo, Alentejo Central, Baixo Alentejo, Algarve, Ave, Alto Tâmega, Tâmega e Sousa, Área Metropolitana do Porto, Viseu Dão-Lafões, Região de Coimbra, Médio Tejo, Região de Aveiro, Região de Leiria, Oeste e Alentejo Litoral.

Forthcoming call

28/02/2018 a 28/03/2018

<http://www.poctep.eu/pt-pt/2014-2020/an%C3%Bancio-da-2%C2%AA-convocat%C3%B3ria-poctep-20142020-para-apresenta%C3%A7%C3%A3o-de-projetos>





Interreg ES-PT (POCTEP)

actions in favor of research, development and innovation

- Research and innovation activities, including networking.
- Transfer of technology and university-business cooperation, especially for the benefit of SMEs.
- Research and innovation processes in SMEs.

actions related to business development and the promotion of quality employment

- Promotion of entrepreneurship and entrepreneurship in SMEs.
- Business development of SMEs, support for mentoring networks and support for entrepreneurship and incubation.
- Self-employment, entrepreneurship and entrepreneurship, including microenterprises and entrepreneurial SMEs
- Promotion of internationalization
- Mobility of workers

environment and energy and ecological infrastructures

- Adaptation to climate change and risk prevention and management. Development and promotion of the tourism potential of natural spaces. Protection and promotion of cultural assets and natural heritage. Treatment of household waste. Management and conservation of drinking water. Integrated pollution prevention and control



COSME- EU programme for the Competitiveness of Enterprises and Small and Medium-sized Enterprises (SMEs)

ACCESS TO FINANCE



One of **COSME**'s main objectives is to provide enhanced access to finance for SMEs in different phases of their lifecycle: creation, expansion or business transfer. In order to achieve this objective, the EU will mobilise loans and equity investments for SMEs.

- Through the **Loan Guarantee Facility**, the programme will provide guarantees and counter-guarantees to financial institutions (e.g. guarantee societies, banks, leasing companies) so they can provide more loan and lease finance to SMEs. It is expected that COSME will enable between 220 000 and 330 000 SMEs to obtain financing for a total value of between €14 and €21 billion.
- Through the **Equity Facility for Growth**, the programme will provide risk capital to equity funds investing in SMEs mainly in the expansion and growth-stage phases. The Facility should help between 360 and 560 firms to receive equity investment with an overall volume invested ranging from € 2.6 to € 4 billion.

ACCESS TO MARKETS



COSME provides support to European enterprises so that they can benefit from the EU's single market and make the most of opportunities offered by markets outside the EU.

COSME funds the **Enterprise Europe Network (EEN)** consisting of over 600 offices in more than 50 countries helping SMEs find business and technology partners, understand EU legislation and access EU financing.

COSME also funds web tools specifically designed for enterprises development such as **Your Europe Business Portal** or the **SME Internationalisation Portal**. The first provides practical online information for entrepreneurs who want to become active in another Member State. The latter puts the emphasis on support measures for companies which want to develop their business outside Europe.

COSME finances the **ASEAN, China and MERCOSUR Intellectual Property Rights (IPR) SME Helpdesks** that offer advice and support to European SMEs facing difficulties in IPR issues, standards or public procurement rules in those geographical areas.

The programme also provides financial assistance to the **EU-Japan Centre for Industrial Cooperation**, to promote all forms of industrial trade and investment cooperation by disseminating information on how to access the Japanese market, facilitating exchanges of experience and know-how between EU and Japanese businesses.

CREATING BETTER FRAMEWORK CONDITIONS FOR COMPETITIVENESS



COSME supports actions to improve the framework conditions in which enterprises operate, in particular SMEs, by reducing unnecessary administrative and regulatory burdens. Such actions may include measuring the impact of relevant Union law on SMEs, developing smart and business friendly regulation for them and reinforcing the use of the "Think Small First" principle for policy-making at national and regional level.

COSME supports the emergence of **competitive industries** with market potential, by helping SMEs to take-up new business models and integrate into new value chains. The programme complements the actions of Member States in areas with high growth potential such as the tourism sector.

COSME promotes the development of **worldclass clusters** in the EU, fostering cluster excellence and internationalisation with an emphasis on cross-sectoral cooperation, notably in support of emerging industries. The programme also aims at accelerating the digitalisation of the business community and promoting e-skills and e-leadership.

ENCOURAGING ENTREPRENEURSHIP



COSME backs the implementation of the **Entrepreneurship 2020 Action Plan** through a wide range of activities. These include mobility exchanges, research, best practices diffusion and pilot projects in areas such as entrepreneurship education, mentoring or the development of guidance and support services for new and potential entrepreneurs, including young, women and senior entrepreneurs.

Erasmus for Young Entrepreneurs is for instance a cross-border exchange scheme which aims to help new and aspiring entrepreneurs acquire relevant skills to run and grow a business by working with an experienced entrepreneur in another country for one to six months. It increases their know-how and fosters cross-border transfer of knowledge and experience between entrepreneurs.

COSME especially focuses on digital entrepreneurship to help European businesses drive their digital transformation and fully benefit from the unprecedented new opportunities created in the digital era, which are crucial for their competitiveness and growth.



Eurostars



Eurostars is a programme that supports research-performing small and medium enterprises, which develop innovative products, processes and services, to gain competitive advantage.

Eurostars projects are:

- transnational,
- started and led by an SME,
- involve at least two partners from two different Eurostars participating country,
- involve at least one other partner from another Eurostars participating country, and
- last no longer than three years.

Within two years of completion the product of research should be ready for market introduction.





Useful Links & more information

- **Horizon 2020 website**

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

- **Participant Portal**

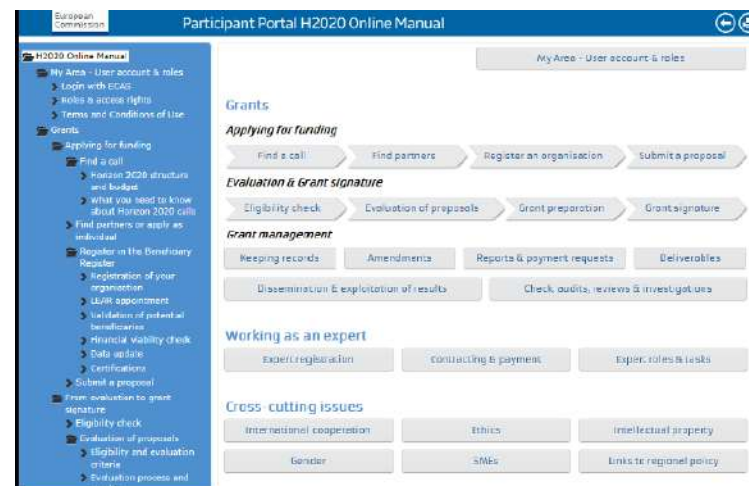
<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

- **Funded Projects database**

(http://cordis.europa.eu/projects/home_en.html)

- **Partners**

<https://cordis.europa.eu/partners/web/guest/home>





Contact us!





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Thank You!