

Horizon Europe: novelties and funding opportunities in research and innovation of health

Unitat de Projectes Internacionals, Institut d'Investigació Biomèdica Sant Pau (IIB Sant Pau)

In collaboration with BioInnova Consulting







# **AGENDA**



12.30 – 12.50 Presentation of the new International Projects Unit



12.50 - 13.30 Novelties of Horizon Europe, the New research and innovation funding program



1.30pm - 2.00pm - Questions



# **AGENDA**



Presentation of the new International Projects Unit



# New International Projects Unit: who we are

# **RESEARCH & INNOVATION MANAGEMENT**

Miriam Ors

# NATIONAL PROJECTS UNIT

# PROJECTS UNIT













Coordinator Noemí Carranza

Team: Declan de la Fuente **INNOVATION** 

RRI

KNOWLEDGE MANAGEMENT

QUALITY

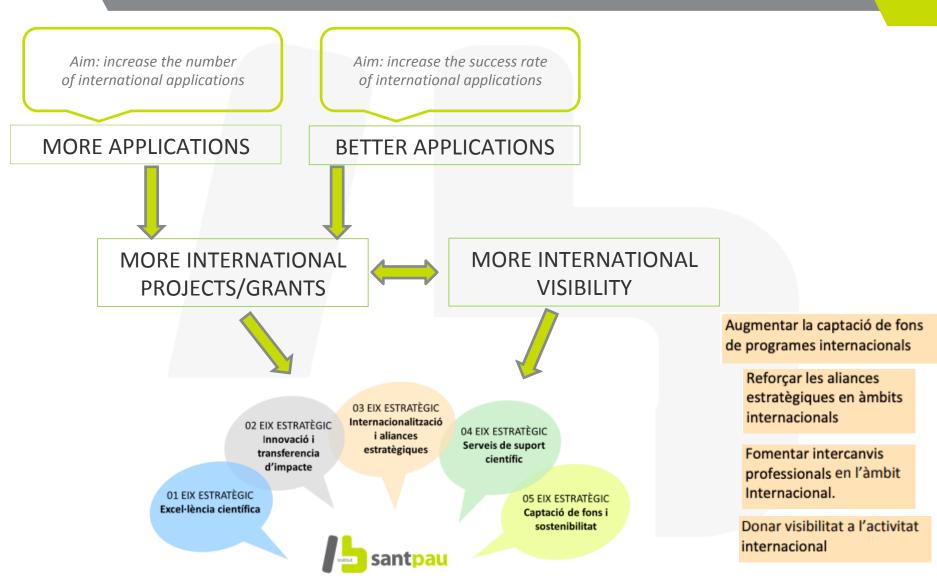
Coordinator Fabiola Fernández Team:

Eva José Eva de la Vara Amanda García Eva Vicente

Marta Lorente Declan de la Fuente Eva García



# **New International Projects Unit: OBJECTIVES**





# New International Projects Unit – What we do

## **PRE-AWARD**

#### **MORE APPLICATIONS**

- ✓ Identification of new funding opportunities
  - Newsletter
  - Networking
- ✓ Creation of a Portfolio of research groups:
  - ✓ Potentialities
  - ✓ Internationalization/networking
- ✓ Training on new funding opportunities

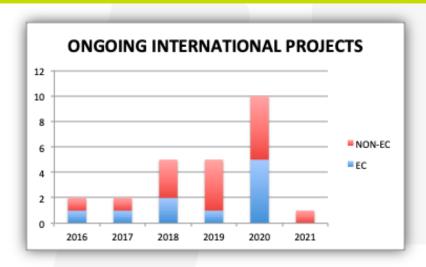
## **BETTER APPLICATIONS**

- ✓ Give support to research groups to apply to international calls:
  - Eligibility criteria
  - Definition of the project
  - Budget estimation
  - Administrative requirements
  - Support in proposal writing
  - Institutional sections
- ✓ Training: good practises, tips, budget, writing specific grants, etc.
- ✓ Follow-up of the applications, contact with funding entities
- ✓ Institutional grants



# New International Projects Unit – What we do

#### **POST-AWARD**



- ✓ Management of the international projects portfolio
- ✓ Main contact for funding entities
- ✓ Follow-up and support in the concession process: negotiation, GA signature, budget, etc.
- ✓ Economic project management: compare the planned (milestones) / budgeted € 's initial conditions for the project versus the real development/expenses
- ✓ Submission of the required reports on financial expenditures of the projects according to the funding body regulations.



# **New International Projects Unit: PORTFOLIO elaboration**

- ✓ Creation of a Portfolio of research groups:
  - ✓ Potentialities
  - ✓ Internationalization/networking

# **SURVEY/QUESTIONNAIRE**

- ✓ Interesting calls
- ✓ Interesting ideas for calls
- ✓ Networking capability
- ✓ Interests in training





# **New International Projects Unit: KEY ASPECTS**

# The International Projects Unit will:

- ✓ centralize all the international competitive applications
  - Important for centre's indicators
- ✓ accompany/guide researchers from the proposal application to the end of the project
- ✓ train researchers on key aspects of international funding application

THANKS!!!!

**€** Novelties of Horizon Europe, the New research and innovation funding program







#### **HE VISION**

The EU's key funding programme for research and innovation:

- Tackles climate change
- Helps to achieve the UN's Sustainable Development Goals
- Boosts the EU's competitiveness and growth
- Facilitates collaboration and strengthens the impact of research and innovation in developing, supporting and implementing EU policies while tackling global challenges
- Supports the creation and better diffusion of excellent knowledge and technologies
- Creates jobs, fully engages the EU's talent pool, boosts economic growth, promotes industrial competitiveness and optimises investment impact within a strengthened European Research Area.

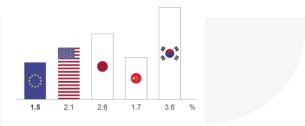
With Horizon Europe, we step up our ambition for a sustainable future. The programme will maximise its impact by strengthening our scientific and technological bases, boosting our innovation capacity, driving the green and digital transitions and supporting an inclusive recovery.

#### Mariya Gabriel

Commissioner for Innovation, Research, Culture, Education & Youth







EU figure is for 2019 Figures for USA, Japan, China and South Korea are for 2018. Figures represent R&D as % of GDP



#### **HE STRUCTURE**



**Excellent Science** 

European Research Council

Marie Skłodowska-Curie Actions

Research Infrastructures

## Pillar 2

Global Challenges and European Industrial Competitiveness

- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
   Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre

# Pillar 3 Innovative Europe

**European Innovation Council** 

European innovation ecosystems

European Institute of Innovation and Technology

Widening Participation and Strengthening the European Research Area

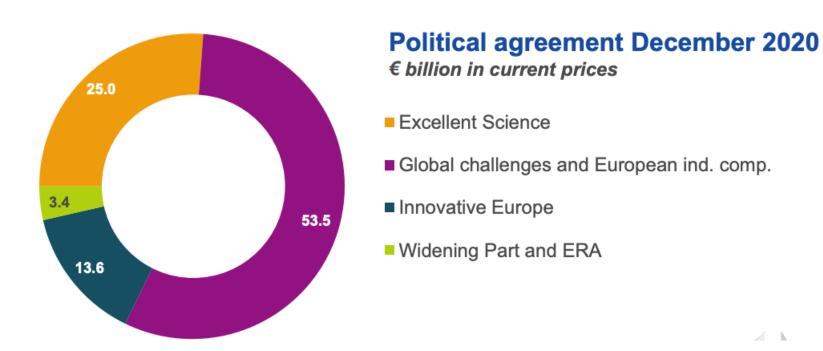
Widening participation and spreading excellence

Reforming and Enhancing the European R&I system

## **HE BUDGET**

# Horizon Europe Budget: €95.5 billion (2021-2027)

(including €5.4 billion from NGEU – Next Generation Europe – programme of EU for Recovery from COVID-19 crisis)





# **HE NOVELTIES**

# **Lessons Learned**

from Horizon 2020 Interim Evaluation



Support breakthrough innovation



**European Innovation Council** 

**Key Novelties** 

in Horizon Europe



Create more impact through missionorientation and citizens' involvement



**EU Missions** 



Rationalise partnerships' landscape



New approach to partnerships



Reinforce openness



**Open science policy** 



Strengthen international cooperation



**Extended association possibilities** 



**Encourage participation** 



**Spreading Excellence** 



# **HE AIMS**

The ambitious EU research and innovation framework programme (2021-2027)



fuel EU's scientific and technological excellence and the strengthen the European Research Area (ERA)

Science & technology



tackle policy priorities, including green and digital transitions and Sustainable Development Goals





boost Europe's innovation uptake, competitiveness and jobs

**Economy** 



# **EU MISSIONS**

Aim: Deliver solutions to some of the greatest challenges facing our world.

#### **Missions will:**

- be bold, inspirational and widely relevant to society
- be clearly framed: targeted, measurable and time-bound
- establish impact-driven but realistic goals
- mobilise resources
- link activities across different disciplines and types of research and innovation
- drive a systemic change and transform landscapes rather than fix problems in existing ones

**R&I Missions** 

Relating EU's research and innovation better to society and citizens' needs; with strong visibility and impact

A mission is a portfolio of actions across disciplines intended to achieve a **bold and inspirational and measurable goal** within a set timeframe, with **impact** for society and policy making as well as relevance for a significant part of the European population and wide range of European citizens.



# **Five Missions Areas**







Cancer



Healthy oceans, seas, coastal & inland waters



Climate-neutral & smart cities



Soil health & food

# Conquering Cancer: Mission Possible

Targets by 2030: more than 3 million more lives saved, living longer and better, achieve a thorough understanding of cancer, prevent what is preventable, optimise diagnosis and treatment, support the quality of life of all people exposed to cancer, and ensure equitable access to the above across Europe.



# **EUROPEAN PARTNERSHIPS**

New generation of objective-driven and more ambitious partnerships in support of agreed EU policy objectives

**Key Features** 

Co-Programmed

- Strategic orientation
- Systemic approach
- Simple architecture and toolbox
- Common set of criteria for the life-cycle

#### HORIZON EUROPE PILLAR II - Global challenges & European industrial competitiveness

			·	
CLUSTER 1: Health	CLUSTER 4: Digital, Industry & Space	CLUSTER 5: Climate, Energy & Mobility	CLUSTER 6: Food, Bioeconomy, Agriculture,	INNO
Innovative Health Initiative	Key Digital Technologies	Clean Hydrogen	Circular Bio-based Europe	InnoE
Global Health Partnership	Smart Networks & Services	Clean Aviation	Rescuing Biodiversity to Safeguard Life on Earth	Clima
Transformation of health systems	High Performance Computing	Single European Sky ATM Research 3	Climate Neutral, Sustainable & Productive	Digita
Chemicals risk	European Metrology	Europe's Rail	Blue Economy	Food
assessment	(Art. 185)	Connected and Automated	Water4All	Healt
ERA for Health	Al-Data-Robotics	Mobility (CCAM)	Animal Health & Welfare*	Raw
Rare diseases*	Photonics	Batteries	Accelerating Farming	Manu
One-Health Anti Microbial Resistance*	Made in Europe	Zero-emission waterborne transport	Systems Transitions*	Urba
Personalised Medicine*	Clean steel – low-carbon	Zero-emission road	Agriculture of Data*	Cultu
	steelmaking	transport	Safe & Sustainable Food	Indus
Pandemic Preparedness* Co-funded or co-programmed	Processes4Planet	Built4People	System*	
	Global competitive space systems**	Clean Energy Transition		CRO
_	,	Driving Urban Transitions		Euro
Institutionalised Partnerships (A	,			
Institutionalised Partnerships / F	FIT KICs			

#### PILLAR III - Innovative Europe

EIT (KNOWLEDGE & INNOVATION ECOSYSTEMS

InnoEnergy

Climate

Digital

Food

Health

Raw Materials

Manufacturing

Urban Mobility

Cultural and Creative Industries

#### CROSS-PILLARS II & III

European Open Science Cloud



<sup>\*</sup> Calls with opening dates in 2023-24

<sup>\*\*</sup> Calls with opening dates not before 2022



# **PILLAR 1: EXCELLENT SCIENCE**



# Pillar I

# **EXCELLENT SCIENCE:**

reinforcing and extending the excellence of the Union's science base

# European Research Council

Frontier research by the best researchers and their teams

€16 billion

## Marie Skłodowska-Curie Actions

Equipping researchers with new knowledge and skills through mobility and training

€6.6 billion

## Research Infrastructures

Integrated and interconnected world-class research infrastructures

€2.4 billion



## **EUROPEAN RESEARCH COUNCIL**



Actions

Research Infras



# **European Research Council**

Competitive funding to support investigator-driven frontier research across all fields, on the basis of scientific excellence.

# **Funding**



10,000+ Projects funded since 2007



Over 70% of completed ERC projects led to breakthroughs or major advances (according to independent studies)



**Starting Grant:** up to €1.5 million. Duration: up to 5 years. 2-7 years of experience since completion of PhD.



**Consolidator Grant:** up to €2 million. Duration: up to 5 years. 7-12 years of experience since completion of PhD.



**Advanced Grant:** up to €2.5 million. Duration: up to 5 years. An excellent scientific track record of recognized achievements in the last 10 years.



**Synergy Grant:** 2-4 researchers (one can be based outside Europe). Up to a maximum of €10 million for a period of 6 years.



7 Nobel Prizes, 4 Fields Medals, hundreds of important prizes awarded to ERC grantees



Nationalities (ERC grantees)

	Starting Grant	Consolidator Grant	Advanced Grant	
Deadline	13/01/2022	17/03/2022	31/08/2021	28/04/2022





# MARIE SLODOWSKA-CURIE ACTIONS



- 1. MSCA Doctoral Networks
- 2. MSCA Postdoctoral Fellowships
- 3. MSCA Staff Exchanges
- 4. MSCA COFUND
- 5. MSCA and Citizens

- → networks training PhD candidates
- → postdoctoral researchers
- → any type of research(-related) staff
- → co-funding for training programmes
- → public outreach events

# MSCA Postdoctoral Fellowships (1/3)



- Continue supporting postdoctoral research and careers; open to researchers of any nationality
- New mind-sets and approaches to research and innovation through interdisciplinary, inter-sectoral and international experience
- · Continue funding all research domains
- · One single action:
  - \* Two destinations: European and Global Postdoctoral Fellowships
  - Secondments in any country
  - Incentive for additional period of up to 6 months for placements in the non-academic sector
- · Duration (no change):
  - European Fellowships: 12-24 months (additional up to 6 months for non-academic sector)
  - Global Fellowships: 24 -36 (12-24 outgoing & 12 months mandatory return phase in Europe)

# MSCA Postdoctoral Fellowships (2/3)



- Develop skills needed for academia and beyond
  - Intensify exposure/secondments to training in entities beyond academia
  - Improved guidance towards career development (plan & supervision)
- Managing the increasing demand to maintain high-quality selection & improve success rate
  - Limit research experience (with possible exceptions) to 8 years postdoc
  - Require PhD degree
  - Restrict resubmissions below quality threshold (in 2022)
- Calls
  - ❖ 2021: 15 Apr 15 Sept
  - ❖ 2022: 14 Apr 14 Sept



# **PILLAR II: CLUSTERS**

# Pillar 2 Global Challenges and European Industrial Competitiveness • Health • Culture, Creativity and Inclusive Society • Civil Security for Society • Digital, Industry and Space • Climate, Energy and Mobility • Food, Bioeconomy, Natural Resources, Agriculture and

Joint Research Centre

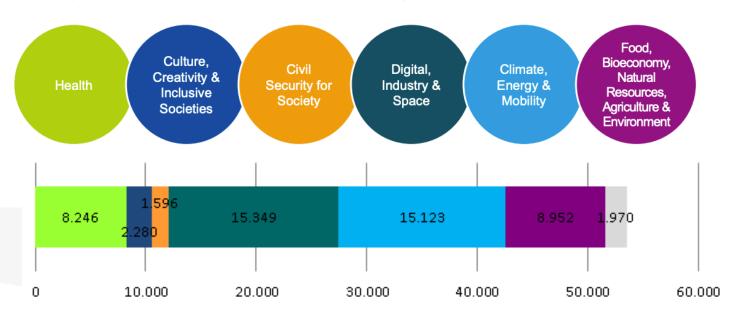
Environment

53.3 billion €

Pillar II - Clusters

# GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS:

boosting **key technologies** and solutions underpinning **EU policies & Sustainable Development Goals** (6 clusters and JRC – non-nuclear direct actions)





#### OTHER UNION PROGRAMMES

# Synergies with other Union programmes

#### **HORIZON EUROPE Enhanced synergies** Other Union Programmes, including COMPATIBILITY Harmonisation of funding Common InvestEU ESF+ **Innovation Fund** rules; flexible co-funding **Agricultural Policy** schemes; pooling **Digital Internal Security** resources at EU level **External Instrument** LIFE **Europe** Fund and Instrument for Maritime & **Space** Border **EU4Health Fisheries Fund COHERENCE & Programme** Management COMPLEMENTARITY Connecting Single Market **ERASMUS+ ERDF** Alignment of strategic **Programme Europe Facility** priorities in support of a common vision **Just Transition** Creative Recovery and Mechanism **Resilience Facility Europe**



# **PILLAR 3: INNOVATIVE EUROPE**

# Pillar III

# INNOVATIVE EUROPE:

stimulating market-creating breakthroughs and ecosystems conducive to innovation

# European Innovation Council

Support to innovations with breakthrough and market creating potential

# European innovation ecosystems

Connecting with regional and national innovation actors

The budget: €10.6 billion, incl. up to €527 million for ecosystems (including NGEU – Recovery Fund parts dedicated to EIC).

# European Institute of Innovation and Technology (EIT)

Bringing key actors (research, education and business) together around a common goal for nurturing innovation

circa €3 billion





# 3 KEY ISSUES PREVENT EUROPE FROM EXPLOITING ITS FULL POTENTIAL

Innovation performance

Lack of creation and diffusion of breakthrough innovations, means low productivity growth.

Innovation transfer

World leader in science, but **underperforms** in transferring science into innovative companies.

Innovation Scale-up Lack of risk finance for scaling up (e.g. venture capital).

"Valley of death" between early stage ideas (grant funding) and private investment (private investment).



# **EUROPEAN INNOVATION COUNCIL (EIC)**

TRL1-2 to 5-6 (advanced research to support companies, <4 € m)

- Proof of concept
- Prototypes for tech validation

From TRL5-6 to market & scale-up (<€2.5 m grants, <€15 m for equity)

- Financing for scaling up
- Grant, loan or equity

Competitions such: SME instrument, Fast track to Innovation and FET-open

4

More innovations that create the new markets of the future



Scaled up companies and higher SME growth





Increased complementarities between grant-type funding, financial instruments, and leverage from private investment



More entrepreneurship and risktaking



More accessible and user friendly support to innovation



# **EIC: DIRECT FUNDING FOR POTENTIAL INNOVATORS**

# Simple

- Open to all areas of innovation
  - No prescriptive topics to grasp interdisciplinary
  - No geographical constraints (within EU, possibly open to AC) level playing field to identify excellence
  - Selection by interview focus on innovator with excellent ideas and scaleup potential

# Innovatorcentric

- Adapted to different phases
  - For development of emerging technology flexible grant based
  - For innovation development & scale up significant amounts, combining grants, financial instruments and private investment
- Providing access to mentors, coaches, advice

# Agile

- Pro-active management ("Darpa style"):
  - Flexibility to stop, or change direction
  - Follow up with mentoring, coaching, prizes, fellowships
  - Access to other initiatives (infrastructure, incubators, data, ...)
  - Key role of Programme Managers



# **EUROPEAN INNOVATION ECOSYSTEMS**

## **EIC Forum**

National innovation authorities/agencies to work on common EU challenges & enabling framework conditions

#### e.g.

- innovation-friendly regulation (+public procurement)
- alignment of R&I agendas (+EU open market & investment flows)
- coordination of R&I programmes and HE activities (+EIT)
- joint communication strategy

# In synergy with Horizon Europe (EIC+EIT) & RIS3:

# CO-FUNDING <u>Joint</u> innovation programmes

**Demand-driven** (+ private entities, e.g. foundations, EU Partnerships)

Complementary to national/regional schemes

#### TRANSNATIONAL - EU ADDED VALUE

- Interconnection of open innovation infrastructures (pilots, demos...)
- Cooperation academia enterprise
- High-tech SMEs': collaborative R&I, technology & knowledge transfer, early stage and feasibility study support, market analysis & development internationalisation + Low-tech SME's: digitalisation
- Joint public procurement initiatives (PPI)
- Social & public innovation
- Financial instruments (close to market innovations or market deployment)

# <u>Joint</u> programmes for mentoring, coaching, technical assistance, delivered by:

- networks (NCPs, EEN, EIT/KICs), clusters ...
- pan-European platforms (Starup Europe)
- regional or local innovation actors, public & private, e.g. incubators, innovation hubs....

# Data and knowledge on innovation support

(funding schemes, data sharing platforms, etc.).



# **HEALTH CLUSTER: EIT HEALTH**





https://connections.eithealth.eu/documents/21805/0/
EIT+Health+Business+Plan+2021+Calls+Document/5bc8f04c-bba3-6004-fb39-c3f0b001064a





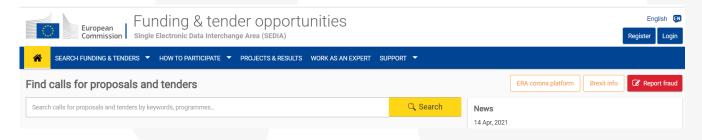
# FORESEEN STRATEGIC PLANNING



# First work programs launched:



# All calls are published on the F&T opportunities portal:



Funding & Tender opportunities: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home





# **CALLS CALENDAR ERC 2021-2022**

	Starting Grant		Consolidator Grant		Advanced Grant		Synergy Grant
WP	2021	2022	2021	2022	2021	2022	2022
Open	25/02/2021	23/09/2021	11/03/2021	19/10/2021	20/05/2021	20/01/2022	15/07/2021
Closure	08/04/2021	13/01/2022	20/04/2021	17/03/2022	31/08/2021	28/04/2022	10/11/2021
Budget	619 M	757 M	633 M	784 M	626 M	561 M	300 M

ERC Work
Programme
2021



	Proof of Concept		
WP	2022	2022	
Open	15/07/2021	16/11/2021	
Cut-off dates or closure	14/10/2021	15/02/2022 19/05/2022 29/09/2022	
Budget	EUR 25 M	EUR 25 M	



# **CALLS CALENDAR EIC 2021**



# EIC Pathfinder



**EIC** Transition



#### What for

 Grants of up to EUR 3 million (open) or EUR 4 million (challenge driven) to achieve the proof of principle and validate the scientific basis of breakthrough technology (TRL 1-4)

- Grants of up to EUR 2.5 million to validate and demonstrate technology in application relevant environment (TRL 4 to 5/6) and develop market readiness
- Blended finance: up to EUR 2.5 million grant component for technology development and validation (TRL 5/6 to 8); EUR 0.5 15 million investment component for scaling up and other activities.

# **Open Calls**

Deadline: 19 may 2021.Indicative budget: 168 m€

- Deadline: 22 September 2021
- Indicative budget: 59.60 m€
- Any time (short applications)Full applications; by 9 June 2021
- and 6 October 2021
  Indicative budget: 592.50

# **Challenges driven calls**

- 5 Challenges: brain tissue; emerging technologies & gene therapy, green hydrogen and engineered living materials.
- Deadline: 27 October 2021Indicative budget: 132 m€
- 2 challenges: Medical devices; energy harvesting and storage technologies
- > 22 September 2021
- ► Indicative budget: 40.50 m€
- 1.Strategic Health and Digital Technologies 2. Green Deal innovations for the economic recovery
- Full applications by 9 June 2021 and 6 October 2021
- ▶ Indicative budget: 495.10 m€



# CALLS CALENDAR MSCA 2021-2022

Year	Action	Estimated opening*	Estimated deadline*	
	Doctoral Networks	18 May 2021	16 November 2021	
	Postdoctoral Fellowships	18 May 2021	15 September 2021	
2021	Staff Exchanges	7 October 2021	9 March 2022	
	COFUND	12 October 2021	10 February 2022	
	MSCA and Citizens (covers 2 editions)	17 June 2021	7 October 2021	
	Doctoral Networks	3 May 2022	15 November 2022	
2022	Postdoctoral Fellowships	13 April 2022	14 September 2022	
	Staff Exchanges	6 October 2022	8 March 2023	
	COFUND	11 October 2022	9 February 2023	
	MSCA and Citizens	No call foreseen in 2022		



# **CLUSTER 1 HEALTH: OVERVIEW**





#### **DESTINATIONS** = expected impact

- 1.Staying healthy in a rapidly changing society
- 2. Living and working in a health-promoting environment
- 3. Tackling diseases & reducing disease burden

- 4. Ensuring access to innovative, sustainable & highquality Healthcare
- 5. Unlocking the full potential of new tools, technologies, digital
- 6. Maintaining an innovative, sustainable & global health industry

#### **IMPLEMENTATION**



**Mission Cancer** 

New partnerships (From 13 to 8 in health)

Work programme Health cluster 2021-2022



# **MISSION: CANCER**

#### **OBJETIVO:**

'By 2030, more than three million lives saved, living longer and better!'

#### FIVE INTERVENTION AREAS:

### Pillars as effective interventions to improve:

- P-1 Prevention
- P-2 Diagnostics and Treatment of Cancer
- P-3 Quality of Life of Patients, Families and careers

#### Horizontal:

- P-4 Ensure equitable access
- P-5 Understanding



13 RECOMMENDATIONS FOR ACTIONS: 2 per area and 3 cross-cutting



Work program missions will be launch in 2022.
According to budget forecasts of Horizon Europe, The European Commission will spend at least 5 billion euros between 2021 -2027



# **MISSION: CANCER**

# 13 Recommendations for bold actions

Understanding Prevention Diagnostic and Treatment Quality of Life Equitable Access Actions



- Launch UNCAN.eu a European Initiative to Understand Cancer
- 2 Develop an EU-wide research programme to identify (poly-) genic risk scores
- Support the development and implementation of effective cancer prevention strategies and policies within Member States and the EU
- 4 Optimise existing screening programmes and develop novel approaches for screening and early detection
- 5 Advance and implement personalised medicine approaches for all cancer patients in Europe
- 6 Develop an EU-wide research programme on early diagnostic and minimally invasive treatment/ technologies
- Develop an EU-wide research programme and policy support to improve the quality of life of cancer patients and survivors, family members and carers, and all persons with an increased risk of cancer
- 8 Create a European Cancer Patient Digital Centre where cancer patients and survivors can deposit and share their data for personalised care
- 9 Achieve Cancer Health Equity in the EU across the continuum of the disease
- Set up a network of Comprehensive Cancer Infrastructures within and across all EU Member States to increase quality of research and care
- 11 Childhood cancers and cancers in adolescents and young adults: cure more and cure better
- Accelerate innovation and implementation of new technologies and create Oncology-focused Living Labs to conquer cancer
- 13 Transform cancer culture, communication and capacity building





# **PARTNERSHIPS: HEALTH**

Co-funded European Partnerships using a programme co-fund action.

- "Health and Care System Transformation" (2022)
- "Chemicals risk assessment" (2022)
- "Fostering an ERA for Health Research" (2023)
- "Personalised Medicine" (2023);
- \*Rare Diseases" (2024)
- "One Health AMR" (2024/2025).

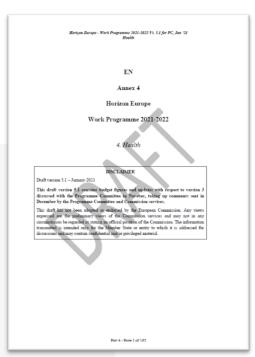
## **Institutionalised European Partnerships**

- "EU-Africa research partnership on global Health security to tackle infectious diseases" (2021)
- "Innovative Health Initiative" (as of 2021).



# **CLUSTER HEALTH: WORK PROGRAMME 2021-2022**

- Global budgets are 948 Mio€ (call 2021) and 914.3 for call 2022
- The budget figures for projects are always indicative
- The first opening call will be delayed until mid of may 2021
- The closure is evaluated on September 21, 2021 (indicative)
- Calls 2021 will be of a single stage; calls 2022: two stage
- The opening date of the 2022 call would be in October 2021 and the deadline will be April 2022



- Collaboration with other funded projects on the same topic will be relevant
- Cancer is eligible as an R&I area in WP 2021



# **CLUSTER HEALTH: WORK PROGRAMME 2021-2022**

Cluster 1 Health will be oriented towards the following six destinations (expected impacts)

Clúster Salud - 6 "Destinations"

**BUDGET** 



1. Staying healthy in a rapidly changing society.

69M€

2. Living and working in a health-promoting environment.



130M€



3. Tackling diseases & reducing disease burden.

262M€

4. Ensuring access to innovative, sustainable & high-quality Healthcare.









5. Unlocking the full potential of new tools, technologies and digital solutions for a healthy society.

115M€

6. Maintaining an innovative, sustainable & globally competitive health industry.





# **CROSS-CUTTING ISSUES**



<sup>2</sup> Regulation (EU) 2020/852 on the establishment of a framework to facilitate sustainable investment, and amending Regulation (EU) 2019/2088

**Gender equality plan,** is a cross-cutting priority in HE and concerns all programme parts. (mandatory in 2022)

**Research ethics and integrity** are a prerequisite for research excellence and a critical factor in achieving socially relevant impact.

Mandatory inmediate open access to publications. Data sharing "as open as possible, as closed as necessary" mandatory DMP for FAIR.

The expected societal impact must be explicitly set out in the topics, projects, deliverables and outputs



# How to apply?

Type of action	Aim	Eligibility conditions	Funding rate
Research and Innovation Actions (RIA)	Action primarily consisting of activities aiming to establish new knowledge and/or to explore the feasibility of a new or improved technology, product, process, service or solution. For this purpose they may include basic and applied research, technology development and integration, testing and validation on a small-scale prototype in a laboratory or simulated environment.	At least three legal entities. Each of the three must be established in a different EU Member State or Horizon 2020 associated country. All three legal entities must be independent of each other.	100%
Innovation Actions (IA)	Action primarily consisting of activities directly aiming at producing plans and arrangements or designs for new, altered or improved products, processes or services. For this purpose they may include prototyping, testing, demonstrating, piloting, large-scale product validation and market replication. Close to market	At least three legal entities. Each of the three must be established in a different EU Member State or Horizon 2020 associated country. All three legal entities must be independent of each other	70% (except for non- profit legal entities, where a rate of 100% applies)
Coordination and Support Actions (CSA)	Actions consisting primarily of accompanying measures such as standardisation, dissemination, awareness-raising and communication, networking, coordination or support services, policy dialogues and mutual learning exercises and studies, including design studies for new infrastructure and may also include complementary activities of strategic planning, networking and coordination between programmes in different countries.	At least one legal entity established in an EU Member State or Horizon 2020 associated country.	100%



# **TOWARDS FIRST CALLS - WHAT TO EXPECT**

- Work programme topics broader, focusing more on impacts and requesting "Pathways to impact";
- Combinations of topics with complementary approaches.
- The topic will give a challenge and it will be up to applicants to present a convincing trajectory to achieve the impacts described in the topic.
- Evaluation criteria maintained, some simplification for "implementation"
- Reduction of number of pages: 45 pages for RIA applications



If you have any further questions, feel free to contact us:

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