

TOPIC PREVIEW 2017

Health, Demographic Change and Wellbeing (Horizon2020; SC1, Pillar 3)

Proposal submission and evaluation is a single-stage or two-stage procedure. Main calls are expected on a bi- annual basis.

Name of Call	Call identifier	Deadline for submission	Budget
Personalised Medicine (PM)	SC1-PM-2017	<u>Single stage 2017 deadlines:</u> 31 January 2017 14 March 2017 11 April 2017 (depending on the topic) <u>Two stage deadlines:</u> 04 October 2016 (First Stage) 11 April 2017 (Second stage)	2017: EUR 486.44 million

Note: The call identifiers are based on the year whose budget is used, whereas the publication of a call usually takes place the summer before: for example, call *H2020-PHC-HEALTH-2014-2015* was published in December 2013.

This topic preview has been written with the assumption that Switzerland will be fully associated again to Horizon2020 by the time the grant agreements for these calls will be signed.

This topic preview also includes the new or changed topics highlighted below

Activities Funded in the Call for Proposals

The societal challenge Health, demographic change and well-being is comprised of 6 areas:

- Understanding health, well-being and disease
- Preventing disease
- Treating and managing diseases
- Active ageing and self-management of health
- Methods and data
- Health care provision and integrated care

For a general overview of support actions as well as for more information on the call you are invited to check out the thematic webpage: www.euresearch.ch/en/health

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*All funding schemes are explained in detail at the back of this document

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Call Topics

For the complete topic texts and further information on topic-specific requirements, please contact health@euresearch.ch

Personalised Medicine H2020-PM-2016/2017	Funding Scheme
Area 1.1: Understanding health, well-being and disease	
SC1-PM-02-2017: New concepts in patient stratification Deadline: 04 October 2016 (First Stage); 11 April 2017 (Second stage) EU contribution: between EUR 4 and 6 million	Research and innovation actions (RIA)*
SC1-PM-03-2017: Diagnostic characterisation of rare diseases Deadline: 11 April 2017 EU contribution: around 15 million	Research and innovation actions (RIA)
Area 1.2: Preventing disease	
SC1-PM-07-2017: Promoting mental health and well-being in the young Deadline: 04 October 2016 (First Stage); 11 April 2017 (Second stage) EU contribution: between EUR 2 and 4 million	Research and innovation actions (RIA)
Area 1.3: Treating and managing diseases	
SC1-PM-08-2017: New therapies for rare diseases Deadline: 04 October 2016 (First Stage); 11 April 2017 (Second stage) EU contribution: between EUR 4 and 6 million	Research and innovation actions (RIA)
SC1-PM 10-2017: Comparing the effectiveness of existing healthcare interventions in the adult population Deadline: 04 October 2016 (First Stage); 11 April 2017 (Second stage) EU contribution: between EUR 4 and 6 million	Research and innovation actions (RIA)
SC1-PM-11-2017: Clinical research on regenerative medicine Deadline: 11 April 2017 EU contribution: between EUR 4 and 6 million	Research and innovation actions (RIA)
Area 1.4: Active ageing and self-management of health	
SC1-PM-15-2017: Personalised coaching for well-being and care of people as they age Deadline: 31 January 2017 EU contribution: between EUR 3 and 4 million	Research and innovation actions (RIA)
Area 1.5: Methods and data	
SC1-PM-16-2017- In-silico trials for developing and assessing biomedical products Deadline: 14 March 2017 EU contribution: EUR 19 million	Research and innovation actions (RIA)
SC1-PM-17-2017: Personalised computer models and in-silico systems for well-being Deadline: 14 March 2017 EU contribution: EUR 19 million	Research and innovation actions (RIA)
SC1-PM19-2017: PPI for uptake of standards for the exchange of digitalised healthcare records Deadline: 14 March 2017 EU contribution: EUR 8.26 million	Public Procurement of Innovative Solutions*
SC1-PM-20-2017: Methods research for improved health economic evaluation Deadline: 11 April 2017 EU contribution: EUR 9 million	Research and innovation actions (RIA)

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Co-ordination activities	Funding Scheme
SC1-HCO-03-2017: Implementing the Strategic Research Agenda on Personalised Medicine Deadline: 11 April 2017 EU contribution: EUR 5 million	ERA-NET Cofund *
SC1-HCO-07-2017: Global Alliance for Chronic Diseases (GACD) prevention and management of mental disorders Deadline: 11 April 2017 EU contribution: EUR 24 million	Research and innovation actions (RIA)
SC1-HCO-08-2017: Actions to bridge the divide in European health research and innovation Deadline: 11 April 2017 EU contribution: Up to EUR 1 million	Coordination and Support Action (CSA)*
SC1-HCO-17-2017: Support for large scale uptake of Digital Innovation for Active and Healthy Ageing Deadline: 31 Jan 2017 EU contribution: EUR 2million	Coordination and Support Action (CSA)
Horizon Prize on reducing maternal and new-born morbidity and mortality – the Birth Day Prize deadline 6 September 2017	Prize*

SME Instrument	Funding Scheme
SMEInst-05-2017: Supporting innovative SMEs in the healthcare biotechnology sector Phase 1 deadlines 2017: 15 February 2017, 03 May 2017, 06 September 2017, 08 November 2017 Phase 2 deadlines 2017: 18 January 2017, 06 April 2017, 01 June 2017, 18 October 2017	SME instrument phase 1, SME instrument phase 2*
SMEInst-06-2017: Accelerating market introduction of ICT solutions for Health, Well-Being and Ageing Well Phase 1 deadlines 2017: 15 February 2017, 03 May 2017, 06 September 2017, 08 November 2017 Phase 2 deadlines 2017: 18 January 2017, 06 April 2017, 01 June 2017, 18 October 2017	SME instrument phase 1, SME instrument phase 2

Other Health Actions	Funding Scheme
1. Subscription fee: Human Frontier Science Programme Organisation Indicative timetable: 2016 and 2017 EU contribution: 5.00 million from the 2017 budget	Subscription
2. InnovFin Infectious Diseases (InnovFin ID) Pilot Indicative timetable: First quarter of 2016 and first quarter of 2017 EU contribution: Euro 50 million from the 2017 budget	Financial Instrument
3. First interim evaluation of the IMI2 programme Indicative timetable: Fourth Quarter of 2016 to Second Quarter of 2017 EU contribution: EUR 0.15 million from the 2016 budget	Expert Contracts
4. Studies, activities of the Scientific Panel for Health, and for conferences, events and outreach activities Indicative timetable: Second semester 2016 and for 2017 EU contribution EUR 2.4 million from the 2016 budget and EUR 2.61	Public Procurement

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million from the 2017 budget	
5. External expertise Deadline: tbc EU contribution: EUR 2.9 million from the 2017 budget	Expert Contracts
6. Horizon Prize on reducing maternal and new-born morbidity and mortality-the Birth Day Prize Deadline: Second quarter of 2017 EU contribution: EUR 1 million from the 2016 budget	Inducement Prize
7. Grant to the Global Alliance for Chronic Diseases Indicative timetable: Second quarter 2017 EU contribution: EUR 0.24 million from the 2017 budget	Coordination and Support Action (CSA)- grant to identified beneficiary
8. Grant to map the biomedical research projects funded by major funding organisations around the World Indicative timetable: Second quarter 2017 Indicative budget: EUR 0.07 million from the 2017 budget	Grant to identified beneficiary - Co-fund actions

Advanced materials and nanotechnologies for healthcare (in H2020 Pillar 2, H2020-NMBP-2016/2017)	Funding Scheme
NMPB 12-2017 Development of a reliable methodology for better risk management of engineered biomaterials in Advanced Therapy Medicinal Products and /or Medical Devices Deadline: 27 Oct 2016 (First stage) ; 04 May 2017 (Second stage) EU contribution: between EUR 5 and 8 million	Research and Innovation Actions (RIA) TRL 4-6
NMPB 13-2017 Cross-cutting KETs for diagnostics at the point-of-care Deadline: 19 January 2017 EU contribution: between EUR 3 and 5 million	Research and Innovation Actions (RIA) TRL start at 3-4 and reach TRL 5-6
NMPB 14-2017 Regulatory Science Framework for assessment of risk benefit ratio of Nanomedicines and Biomaterials Deadline: 27 Oct 2016 (First stage) ; 04 May 2017 (Second stage) EU contribution: between EUR 5 and 8 million	Research and Innovation Actions (RIA) Established methods, including related equipment, should be brought to Technology Readiness Level 6 and beyond, whereas those based on new concepts are expected to reach TRL 5.
NMPB 15-2017 Nanotechnologies for imaging cellular transplants and regenerative processes in vivo Deadline: 27 Oct 2016 (First stage) ; 04 May 2017 (Second stage) EU contribution: between EUR 5 and 7 million	Research and Innovation Actions (RIA) TRL start at 3-4 and reach TRL 5-6
NMPB 16-2017 Mobilising the European nano-biomedical ecosystem Deadline: 19 January 2017 EU contribution: between EUR 1 and 2 million	Coordination and Support Action (CSA)
For questions on these topics, contact your National Contact Point NMPB: nmp@euresearch.ch	

Healthy and safe foods and diets for all (in H2020 Pillar 3, Societal Challenges 2, Food) SFS: Sustainable Food Security- H2020-SFS- 2016/2017	Funding Scheme
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SFS-36-2017 Co-fund on "One Health" (zoonoses – emerging threats) Deadline: 14 February 2017 EU contribution: Up to EUR 35 million	COFUND (European Joint Programme)
SFS-39-2017 How to tackle the childhood obesity epidemic? Deadline: 14 February 2017 (First stage); 13 September 2017 (Second stage) EU contribution: Up to EUR 10 million	Research and innovation actions (RIA)
SFS-40-2017 Sweeteners and sweetness enhancers Deadline: 14 February 2017 (First stage); 13 September 2017 (Second stage) EU contribution: Up to EUR 9 million	Research and innovation actions (RIA)

Funding Schemes in this Call for Proposals

For this call there exist different funding schemes. The work programme gives an indication of the expected size of the proposal.

Name of funding scheme/type of action	Definition	Explanation
Research and innovation action (RIA) 100% reimbursement	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. 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.	Condition for participation: Three legal entities. Each of the three shall be established in a different Member State or associated country. All three legal entities shall be independent of each other.
Innovation action (IA) (70% reimbursement, 100% reimbursement for non-profit organizations)	Innovation actions are collaborative projects 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.	Condition for participation: Three legal entities. Each of the three shall be established in a different Member State or associated country. All three legal entities shall be independent of each other.
SME instrument (100% reimbursement)	The SME instrument is targeted at all types of innovative SMEs showing a strong ambition to develop, grow and internationalise. It provides staged support covering the whole innovation cycle in three phases complemented by a mentoring and coaching service. Transition from one phase to	Condition of participation: One for-profit SME Only applications from SMEs established in EU Member States or countries associated to Horizon 2020. No concurrent submission or implementation with another phase 1 or phase 2 project.

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	the next will be seamless provided the SME project proves to be worth further support in a further evaluation. Each phase is open to new entrants.	Funding rule: 3 phases: <ul style="list-style-type: none"> ▪ Phase 1: lump sum of 50 k€ per project ▪ Phase 2: 1 to 5 M€ per project; funding level: 100% of eligible costs ▪ Phase 3 : no funding
Pre-commercial procurement (PCP) (70% reimbursement)	PCP cofund actions aim to encourage public procurement of research, development and validation of new solutions that can bring significant quality and efficiency improvements in areas of public interest, whilst opening market opportunities for industry and researchers active in Europe. A PCP cofund action provides Union cofunding for a group of procurers ('buyers group') to undertake together one joint PCP procurement, so that there is one joint call for tender, one joint evaluation of offers, and a lead procurer awarding the R&D service contracts in the name and on behalf of the buyers group.	Condition of participation: Three legal entities. Each of the three shall be established in a different Member State or associated country. All three legal entities shall be independent of each other. Furthermore, there must be a minimum of two independent legal entities which are public procurers from two different Member States or associated countries.
Public procurement of innovative solutions (PPI) (20% reimbursement)	The objective of PPI cofund actions is to enable groups of procurers to share the risks of acting as early adopters of innovative solutions, whilst opening market opportunities for industry. A PPI Cofund action provides Union cofunding for a group of procurers ('buyers group') to undertake together one joint PPI procurement, so that there is one joint PPI call for tender launched by the 'lead procurer' and one joint evaluation of offers.	Condition of participation: Three legal entities. Each of the three shall be established in a different Member State or associated country. All three legal entities shall be independent of each other. Furthermore, there must be a minimum of two independent legal entities which are public procurers from two different Member States or associated countries.
Coordination and support action (CSA)	Actions consisting primarily of accompanying measures such as standardisation, dissemination, awareness-raising and communication, networking, coordination or support of services, policy dialogues, programmes and mutual learning exercises and studies, including design studies	Condition of participation: One legal entity established in a Member State or associated Country.

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	for new infrastructure and may also include complementary activities of strategic planning, networking and coordination between programmes in different countries. These projects do not fund research activities itself.	
ERA-NET Co-fund	ERA-NET Cofund under Horizon 2020 is designed to support public-public partnerships, including joint programming initiatives between Member States. The main and compulsory activity of the ERA-NET Cofund under Horizon 2020 is the implementation of the co-funded joint call for proposals that leads to the funding of trans-national research and/or innovation projects. In addition to the co-funded call the consortia may implement other joint activities including other joint calls without Union co-funding.	Condition of participation: Three legal entities. Each of the three shall be established in a different Member State or associated country. All three legal entities shall be independent of each other. Participants in ERA-NET Cofund actions must be research funders: Legal entities owning or managing public research and innovation programmes
Prizes	Horizon Prizes are 'challenge' prizes (also known as 'inducement' prizes) offering a cash reward to whoever can most effectively meet a defined challenge. The aim is to stimulate innovation and come up with solutions to problems that matter to European citizens. This is how the Horizon Prizes work: first a technological or societal challenge, for which no solution has been found, is defined; <ul style="list-style-type: none"> ▪ an award is promised for the delivered breakthrough solution; ▪ the award criteria give information about what the solution must be capable of proving; ▪ the means to reach the solution are not prescribed, leaving contestants total freedom to come up with the most promising and effective solution. 	Condition of participation: The contest is open to all legal entities (including natural persons) or groups of legal entities regardless of their place of establishment. Contestants that have already received an EU or Euratom prize cannot receive a second prize for the same activities.

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International Partnering online Services

If you are looking for research partners please find here some online partner search platforms including profiles of the Health domain:

Provider	Name of the platform	Link
Partner Search for FP7 R&D Health Projects "Fit for Health 2.0"	Fit for Health 2.0	www.fitforhealth.eu
Former FP7 projects	FP7 project database on Cordis	cordis.europa.eu/fp7/projects_en.html
Partner Search for the Innovative Medicines Initiative	Innovative Medicines Initiative	www.imi.europa.eu/content/partner-search www.imi-partnering.eu
Cooperation for Innovation & Technology Enterprise Europe Network - Switzerland	Enterprise Europe Network	www.swisseen.ch/database

Useful links and contacts

For a general overview of the Health Theme as well as for more information on the call you are invited to check out the thematic webpage: www.euresearch.ch/en/health

For all open issues relating to Health, please do not hesitate to contact:

- Your Regional Office for questions regarding formal, financial, legal and administrative matters (www.euresearch.ch/en/contacts/)
- Questions? Contact your National Contact Point Health (health@euresearch.ch)