



SOUNDCARE - EU GRANT SEARCH - 2016/2017

Version December 2016

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HORIZON2020

TECHNOLOGY READINESS LEVEL (TRL)

- 1 - Basic principles observed;
- 2 – Technology concept formulated;
- 3 – Experimental proof of concept;
- 4 – Technology validated in lab;
- 5 – Technology validated in relevant environment (industrially relevant environment in the case of key enabling technologies);
- 6 – Technology demonstrated in relevant environment (industrially relevant environment in the case of key enabling technologies);
- 7 – System prototype demonstration in operational environment;
- 8 – System complete and qualified;
- 9 – Actual system proven in operational environment.



Marie Skłodowska-Curie actions (MSCA) – RESEARCH AND INNOVATION STAFF EXCHANGE

Objective

RISE supports **short-term mobility of research and innovation staff** at all career levels, including also administrative and technical staff. It will be open to partnerships of universities, research institutions, and non-academic organisations (in particular SMEs) both within and beyond Europe. The objectives of RISE are defined as to promote international and intersectoral collaboration through research and innovation **staff exchanges**, and sharing of knowledge and ideas from research to market (and vice-versa) for the advancement of science and the development of innovation.

Partners

A RISE partnership shall be composed by at least three independent participants established in three different countries and must respect one of the following two conditions:

- Two organisations are located in two different MS/AC and one organisation is located in a TC **independently from the sector** they belong to or;
- If all three independent organisations are from MS/AC, at least one organisation should be from the academic sector and one from the non-academic sector.

Funding

A staff member unit cost of 2,000 EUR per month, plus an institutional unit cost of 2,500 EUR per secondment month. The institutional unit cost is split into 1) research, training and networking costs of 1800 EUR per month of secondment and 2) management and indirect costs of 700 EUR per month of secondment.

Deadline next call: 14 April 2016. The overall indicative budget is 80 million euro's.

Additional information

Additional information can be found on the Horizon [2020 Participant Portal](#). Useful documents are the [Guide for Applicants](#) and the [FAQ](#).

MSCA - INNOVATIVE TRAINING NETWORKS (ITN)

Objective

The Innovative Training Networks (ITN) aim to train a new generation of creative, entrepreneurial and innovative early-stage researchers, able to face current and future challenges and to convert knowledge and ideas into products and services for economic and social benefit.

ITN will raise excellence and structure research and doctoral training, extending the traditional academic research training setting, incorporating the elements of Open Science and equipping researchers with the right combination of research-related and transferable competences. It will provide enhanced career perspectives in both the academic and non-academic sectors through international, interdisciplinary and intersectoral mobility combined with an innovation-oriented mind-set.

There are three types of innovative training networks.

- European Training Networks
- European Industrial Doctorates
- European Joint Doctorates

Expected impact of an ITN:

- ITN will create and contribute to high-quality innovative research and doctoral training, build capacity, and have a structuring effect throughout Europe and beyond.
- Through research training provided by the institutions from different countries, sectors and disciplines, this action will trigger cooperation between organisations from the academic and non-academic sectors.
- It will enhance skills development and knowledge-sharing, enhancing researchers' employability and providing them with new career perspectives.
- ITN will shape future generations of entrepreneurial researchers capable of contributing effectively to the knowledge-based economy and society.
- In the long term, it will also raise the attractiveness of research careers and encourage young people to embark on this career path.

Partners

This action is meant primarily for organisations such as universities, research centres or companies, that propose a research training network

Funding

The 2016 call foresees a budget 370 million euro's. Deadline next call: 14 January 2016.

More information

http://ec.europa.eu/research/mariecurieactions/about-msca/actions/itn/index_en.htm



ERASMUS + KNOWLEDGE ALLIANCES

Objective

Knowledge Alliances (KA) are transnational, structured and result-driven projects, notably **between higher education and business**. Knowledge Alliances are open to any discipline, sector and to cross-sectoral cooperation. The partners share common goals and work together towards mutually beneficial results and outcomes.

As a general rule, Knowledge Alliances target the cooperation between organisations established in Programme Countries. However, organisations from Partner Countries can be involved in a Knowledge Alliance as partners (not as applicants) if their participation brings an essential added value to the project.

KA main focus is on **education**, research is less present. Activities are supported in the field of:

- Boosting innovation in higher education, business and in the broader socio-economic environment.
- Developing entrepreneurship mind-set and skills
- Stimulating the flow and exchange of knowledge between higher education and enterprises

Funding

For the 2014 Call, there were 230 applications. 10 were funded. The 2015 call received more than 200 applications, and less than 10 will be funded.

The 2016 call will be published after the summer of 2015. An information day will be organized in November 2015. The budget for this call will be higher, which will raise the successrate to 10%.

Partners

A participating organisation can be any public or private organisation established in a Programme Country or in any Partner Country.

Additional information

https://eacea.ec.europa.eu/erasmus-plus/actions/key-action-2-cooperation-for-innovation-and-exchange-good-practices/knowledge-alliances_en

INTERREG EUROPE

Objective

The overall objective of the INTERREG IVC Programme is to improve the effectiveness of regional policies and instruments. A project builds on the exchange of experiences among partners who are ideally responsible for the development of their local and regional policies.

Four topics were selected in order to make the best use of the funds. The more focused the actions, the higher chances they deliver effective results. With regard to Soundcare, one can be of importance:

- Research and Innovation

The focus on research and innovation as drivers of growth in the EU and on the necessary investments is reflected among the themes selected by the Interreg Europe. The one on strengthening research, technological development and innovation in regions targets policies fostering the infrastructure and capacities needed for research and innovation to flourish. This theme also includes policies supporting the actual delivery of innovation in regional innovation chains, particularly in the areas of 'smart specialisation'.

Within this field, 2 types of actions are possible:

- Projects

Public organisations from different regions in Europe work together for 3 to 5 years on a shared policy issue. An action plan, specific for each region, will ensure that the lessons learnt from the cooperation are put into action. Regional partners will monitor how far the action plans are implemented. Calls for project proposals will be launched throughout the programming period.

- Platforms

Platforms are a space for continuous learning about public policies in the four themes of the programme. Organisations dealing with regional development policies in Europe can find solutions there to improve the way they manage and implement their policies. The main aim is to support local and regional governments to be more effective when planning and implementing policies for the benefit of citizens.

Funding

Under the INTERREG IVC Programme, the eligible project activities are co-financed by the ERDF at a rate of either 75% or 85% depending on the Member State. Partners from Norway and Switzerland are not eligible to receive ERDF but can receive co-financing from their respective national funds. Swiss partners should refer to the Cantons in order to know more about the availability of these funds.

A call will be launched in the course of 2016. There will be a budget available of + 300 million euro's.

Partners

Eligible partners are national, regional or local authorities, public law bodies, private non-profit bodies.

Additional information

<http://www.interreg4c.eu/programme/>

FAST TRACK TO INNOVATION (FTI) PILOT

Objective

- FTI dedicated to close-to-market innovation activities – last push before the solutions enter the market
- Dedicated to bottom-up proposals for close-to-market innovation activities in any area of technology or application – main goals:
 - Reduce time from idea to market
 - Stimulate the participation of first-time applicants to EU research funding
 - Increase private sector investment in research and innovation
- Mature solutions/innovation
- Bringing solution from TRL 6/7 to TRL 9: from technology demonstrated in relevant environment to actual system proven in operational environment
- Viable strategy to get solution to the market within max. 36 months from grant awarded
- Proposals must include a business plan
- Implemented across H2020 Societal Challenges pillar and the specific objective Leadership in Enabling and Industrial Technologies (LEITs), without further topical restrictions
- Success criteria:
 - Most promising ideas with highest potential to go to market and generate jobs
 - Impact measurement: market uptake/deployment + related socio-economic benefits
- Type of activities:
 - Specific/advanced R&D activities
 - Standard setting, advanced performance testing/piloting/demonstration activities
 - Validation of solutions in real working conditions/certification
 - Business model validation

Partners

- Industry as driving force of the consortium; universities and RTOs can play key role in market oriented research and tech transfer (also via university spin-offs and start-ups)
- Universities role as coordinator is not encouraged – project should be led by industry
- Consortium: minimum 3 – max. 5 partners
- Any legal entity from EU countries + associated countries
- Industry-intensive consortia – 3 criteria: either 2 out of 3-4 partners private for profit or 3 out of 5 private for profit or 60% budget (total estimated eligible costs) of proposal to private for profit
- Participation of SMEs and mid-caps highly encouraged
- Involvement of newcomers and less experienced players (also from new EU Member States) encouraged

Funding

- 2016 total funding: €100 million
- Average project size: 1 to 2M€ – can go up to 3M€ (not above)
- Fund to 50-70 projects/year
- 70% funding to private for profit; 100% for non-for-profit organisations
- Continuously open call - proposals can be submitted at any time
- 3 cut-off dates/year: April, September, December

More information

<http://ec.europa.eu/programmes/horizon2020/en/h2020-section/fast-track-innovation-pilot-2015-2016>

SMES INSTRUMENT

Objective

- Close-to-market projects (TRL: 6+)
- Bottom-up - across H2020 (LEIT and Societal Challenges)
- Targets 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 (see below) complemented by a mentoring and coaching service. Transition from one phase to 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

- *Phase 1:* feasibility study verifying the technological/practical as well as economic viability of an innovation idea/concept with considerable novelty to the industry sector in which it is presented (new products, processes, design, services and technologies or new market applications of existing technologies).
 - Funding rate: lump sum of EUR 50,000
- *Phase 2:* innovation projects that address a specific challenge and demonstrate high potential in terms of company competitiveness and growth underpinned by a strategic business plan. Activities should focus on innovation activities (such as demonstration, testing, prototyping, piloting, scaling-up, miniaturisation, design, market replication) aiming to bring an innovation idea (product, process, service) to industrial readiness and maturity for market introduction, but may also include some research. In exceptional circumstances, a topic may provide for actions where the research component is strongly present, as an alternative to the innovation actions. SMEs can subcontract work and knowledge that is essential for their innovation project. Proposals should be based on a strategic business plan either developed through phase 1 or another means.
 - Funding rate: 70% (exceptionally, 100% where the research component is strongly present) – average project size: between EUR 0.5 and 2.5 million
- *Phase 3:* this stage will not provide for direct funding, but SMEs can benefit from indirect support measures and services as well as access to the financial facilities supported under Horizon 2020.
- Continuously open call - proposals can be submitted at any time

Deadline / Cut-off date

Phase 1:

15 February 2017 17:00:00

03 May 2017 17:00:00

06 September 2017 17:00:00

08 November 2017 17:00:00

Phase 2:

18 January 2017 17:00:00

06 April 2017 17:00:00

01 June 2017 17:00:00

18 October 2017 17:00:00

Additional information



http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/calls/h2020-smeinst-2016-2017.html#c_topics=callIdentifier/t/H2020-SMEInst-2016-2017/1/1/1/default-group&callStatus/t/Forthcoming/1/1/0/default-group&callStatus/t/Open/1/1/0/default-group&callStatus/t/Closed/1/1/0/default-group&+identifier/desc

CALL IN SOCIETAL CHALLENGE HEALTH

SC1-HCO-17-2017 - SUPPORT FOR LARGE SCALE UPTAKE OF DIGITAL INNOVATION FOR ACTIVE AND HEALTHY AGEING

Objective

Several activities on scaling up of digital innovation for active and healthy ageing are currently pursued by the Commission in cooperation with a large number of different stakeholder groups and partner organisations. A coordination and support action is needed to promote the effective uptake and impact of these activities and to leverage additional investments by mobilising other national and regional programmes together with private investments.

Deadline / Cut-off date

31 January 2017 17:00:00

Additional information

<https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/sc1-hco-17-2017.html>

SC1-PM-15-2017: PERSONALISED COACHING FOR WELL-BEING AND CARE OF PEOPLE AS THEY AGE

Objective

The activity aims at developing and validating radically new ICT based concepts and approaches for empowering and motivating people in need of guidance and care due to age related conditions, in cooperation with their carers where relevant, and to help them improve and maintain their independence, functional capacity, health status as well as preserving their physical, cognitive, mental and social well-being.

Deadline / Cut-off date

31 January 2017 17:00:00

Additional information

<https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/sc1-pm-15-2017.html>

ICT-31-2017 - MICRO- AND NANOELECTRONICS TECHNOLOGIES

Objective

While the state-of-the-art micro/nano-electronics technologies and their manufacturing are being further advanced towards market-readiness in the context of the ECSEL Joint Undertaking, it is essential to prepare for the future of the electronics industry the next wave of industry-relevant technologies to extend the limits (technological and/or economic) mainstream technologies will be facing in the medium term. This is essential to maintain and increase Europe's longer-term capacity in the design and manufacturing of these technologies and to strengthen the competitiveness and market leadership of the many industries innovating through these technologies.

Deadline / Cut-off date

25 April 2017 17:00:00

Additional information

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/ict-31-2017.html>

ICT-40-2017 - REINFORCING EUROPEAN PRESENCE IN INTERNATIONAL ICT STANDARDIZATION

Objective

Standards and interoperability for digital technologies play a crucial role as a foundation of an effective Digital Single Market. They ensure that technologies work smoothly and reliably together, provide economies of scale, foster innovation and keep markets open. Fragmentation of standard setting processes along national lines, or the absence of common standards, would significantly slow down innovation and disadvantage European businesses on a global scale.

The standard setting process in the ICT domain faces a number of important new challenges that require a focused, sustained and coordinated European response. There are ever more bodies and organisations involved in ICT standard setting around the world. Improved cooperation, deeper involvement of European specialists, and increased focus are needed in order to ensure that the EU's priorities and the Digital Single Market perspectives are sufficiently represented in the entire spectrum of organisations.

Deadline / Cut-off date

25 April 2017 17:00:00

Additional information



<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/ict-40-2017.html>

CALL IN INDUSTRIAL LEADERSHIP

SMEINST-06-2016-2017 - ACCELERATING MARKET INTRODUCTION OF ICT SOLUTIONS FOR HEALTH, WELL-BEING AND AGEING WELL

Specific challenge: The challenge is to help overcome the current gaps in exploitation of promising research results in ICT for Health, Well-being and Ageing well and to stimulate increased availability and market uptake of relevant ICT products and services. This concerns both interoperable and secure eHealth solutions for consumers and institutional healthcare delivery building on standards and new ICT solutions and innovation ecosystems for ageing well building on open software platforms, in order to deliver new and more efficient care to European citizens and respond to new market opportunities for SMEs.

Particular attention should be given to potential for disruptive innovation and fast market up-take in ICT for health, wellbeing and ageing well. In particular it will be interesting for SMEs and young companies that are looking for swift support to their innovative ideas.

Deadline / Cut-off date

Phase 1:

15 February 2017 17:00:00

03 May 2017 17:00:00

06 September 2017 17:00:00

08 November 2017 17:00:00

Phase 2:

18 January 2017 17:00:00

06 April 2017 17:00:00

01 June 2017 17:00:00

18 October 2017 17:00:00

Additional information

<https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/smeinst-06-2016-2017.html>



SMEINST-01-2016-2017 - OPEN DISRUPTIVE INNOVATION SCHEME

Objective

Specific challenge: The challenge is to provide support to a large set of high risk innovative Startups and SMEs in the ICT sector. Focus will be on companies proposing disruptive ICT concepts, products and services applying new sets of rules, values and models which ultimately create new markets (e.g. by tackling non consumption) or disrupt existing market.

The objective of the ODI is threefold:

1. Nurture promising innovative and disruptive ideas;
2. Support prototyping and scalability of disruptive solutions through validation and demonstration in real world conditions;
3. Promote wider deployment and/or market uptake.

Proposed projects should have a potential for disruptive innovation and fast market up-take. The action is particularly well suited for start-up and young innovative SMEs that are looking for swift support to their innovative ideas

Partners

SMEs dedicated consortia, universities can be sub-contractors only.

Deadline / Cut-off date

Phase 1:

15 February 2017 17:00:00

03 May 2017 17:00:00

06 September 2017 17:00:00

08 November 2017 17:00:00

Phase 2:

18 January 2017 17:00:00

06 April 2017 17:00:00

01 June 2017 17:00:00

18 October 2017 17:00:00

Additional information

<https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/smeinst-01-2016-2017.html>

BIOTEC-08-2017 - SUPPORT FOR ENHANCING AND DEMONSTRATING THE IMPACT OF KET BIOTECHNOLOGY PROJECTS

Objective

Dissemination, exploitation and transfer of project results are crucial activities during project life-time and beyond in order to make sure that projects have the expected impacts. Clustering of project activities, according to objectives and addressed themes, and linking them with corresponding existing technology transfer activities are effective ways to stimulate the uptake of project results and the exploitation of synergies. An adequate monitoring of such activities during the project lifetime and beyond is also needed to ensure an effective implementation at programme level.

Deadline / Cut-off date

19 January 2017 17:00:00

Additional information

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/biotec-08-2017.html>

NMBP-13-2017 - CROSS-CUTTING KETS FOR DIAGNOSTICS AT THE POINT-OF-CARE

Objective

Research and technology development at the interface of key enabling technologies has the potential to provide novel technological Micro-Nano–Bio integrated Systems (MNBS) platforms to enhance the ability to sense, detect, analyse, monitor and act on phenomena from macro (e.g. body, organ, tissues) to nano scale (e.g. molecules, genes). These developments have a high potential for facilitating personalised and preventive healthcare. However, the translation of laboratory proven concepts to the clinical environment involving pre-clinical and clinical testing, prototyping, and small series manufacturing is currently lagging. Business development and market growth are therefore still limited. The challenge is to bring new promising laboratory proven MNBS concepts for addressing priority healthcare needs from the laboratory to the clinic.

Deadline / Cut-off date

19 January 2017 17:00:00

Additional information

<https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/nmbp-13-2017.html>

FUTURE AND EMERGING TECHNOLOGIES (FET) – OPEN (2016)

Objective

- Fund game-changing, novel, high-risk research projects
- Support to early stage S&T research for radically new future technologies; bridge science - PoC development for future technologies
- Develop new technological visions through silos-breaking cooperation between science & technology experts
- Develop new research and technology areas, groups & methods (paving the way to new scientific & technological leadership)
- Bottom-up– no topic restriction
- Collaborative projects with the following characteristics (“FET Gatekeepers”):
 - Long-term vision
 - Breakthrough scientific and technological targets
 - Novelty
 - High-risk
 - Foundational
 - Interdisciplinary (interdisciplinarity beyond mainstream is sought)

Deadline / Cut-off date

FET-Open – Novel ideas for radically new technologies (RIA / CSA): 17 Jan 2017 / 27 Sep 2017

FET Proactive – Boosting emerging technologies (ERA-NET-Cofund): 24 Jan 2017

FET Proactive – High Performance Computing (RIA / CSA): 26 Sep 2017

Additional information

http://ec.europa.eu/research/participants/data/ref/h2020/wp/2016_2017/main/h2020-wp1617-fet_en.pdf



EUROSTARS - R&D-PERFORMING SMES

If you are a small company in need of public funding for your innovative idea, participation in a Eurostars project can bring you a passport to growth, further innovation, an opening to new global markets and even greater business success.

Eurostars is the only European funding programme to be specifically dedicated to support R&D-performing SMEs in their innovative R&D projects. With its bottom-up approach, Eurostars supports the development of rapidly marketable innovative products, processes and services that help improve the daily lives of people around the world. Eurostars has been carefully developed to meet the specific needs of SMEs. It is an ideal first step in international cooperation, enabling small businesses to combine and share expertise and benefit from working beyond national borders.

Eurostars is a joint programme between EUREKA and the European Commission, co-funded from the national budgets of 34 Eurostars Participating States and Partner Countries and by the European Union through Horizon 2020. In the 2014-2020 period it has a total public budget of €1.14 billion.

The role of SMEs for the economy has never been so important. Eurostars aims to bring increased value to the economy, higher growth and more job opportunities.

To date 3.548 applications has been submitted. 783 projects have been funded with approx. 472 M€. Average success rate is 23%.

Deadline / Cut-off date

2 Mar 2017 / 14 Sep 2017

Additional information

<https://www.eurostars-eureka.eu/>