

Horizon 2020 - The Framework Programme for R&I 2014-2020

Excellent Science - European Research Council

Call	Summary	Application Deadline	Budget
ERC Starting Grant ERC-2014-STG	<p>Purpose: Support Principal Investigators (PI's) who are starting their own independent research team or programme.</p> <p>Eligibility: PIs who have obtained their doctoral degree at least 2 and up to 7 years before to the publication date of the call for proposals (December 11, 2013). PI must have already shown research independence and evidence of maturity – i.e., produced several important publications without the participation of their PhD supervisor.</p>	March 25, 2014	€ 485,039,385 (Total for 2014) up to a maximum of € 1,500,000 / project for a period of 5 years
ERC Proof of Concept Grant ERC-2014-PoC	<p>Purpose: Maximize the value of the excellent research that the ERC funds, by funding further work - activities which were not scheduled to be funded by the original ERC frontier research grant - to verify the innovation potential of ideas arising from ERC funded projects.</p> <p>Eligibility: PI's in an ERC frontier research project that is ongoing or has ended less than 12 months before to the publication date of the call for proposals (December 11, 2013).</p>	2 deadlines: April 1, 2014 October 1, 2014	€ 15,000,000 (Total for 2014) up to a maximum of € 150,000 / project for a period of 18 months
ERC Consolidator Grant ERC-2014-CoG	<p>Purpose: Support PI's who may be consolidating their own independent research team or program.</p> <p>Eligibility: PI's who have obtained their doctoral degree over 7 and up to 12 years before to the publication date of the call for proposals (December 11, 2013).</p>	May 20, 2014	€ 712,588,727 (Total for 2014) up to a maximum of € 2,000,000 / project for a period of 5 years .
ERC Advanced Grant ERC-2014-AdG	<p>Purpose: Support excellent PI's at the career stage at which they are already established research leaders with a recognized track record of research achievements. PI's are expected to be active researchers and to have a track record of significant research achievements in the last 10 years.</p>	October 21, 2014	€ 450,000,000 (Total for 2014) up to a maximum of € 2,500,000 / project for a period of 5 years

Excellent Science - Marie Skłodowska-Curie Actions

Call	Summary	Application Deadline	Budget
Innovative Training Networks H2020-MSCA-ITN-2014	<p>Purpose: Raise excellence and structure research and doctoral training, extending the traditional academic research training setting, 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 inter-sector mobility combined with an innovation-oriented mind-set.</p> <p>Scope: Partnerships of universities, research institutions, research infrastructures, businesses, SMEs, and other socio-economic actors from different countries across Europe and beyond take the form of collaborative European Training Networks (ETN), European Industrial Doctorates (EID) or European Joint Doctorates (EJD).</p>	<p>April 9, 2014</p> <p>Duration: The maximum duration of support will be four years from the starting date specified in the Agreement.</p>	<p>€405,180,000 (Total for 2014)</p>
Research and Innovation Staff Exchange H2020-MSCA-RISE-2014	<p>Purpose: Promote international and inter-sector collaboration through research and innovation staff exchanges, and sharing of knowledge and ideas from research to market for the advancement of science and the development of innovation.</p> <p>The proposed research and innovation activities should exploit complementary competences of the participants, as well as other synergies, and enable networking activities, organisation of workshops and conferences to facilitate sharing of knowledge, new skills acquisition and career development for research and innovation staff members.</p> <p>Scope: RISE involves organisations from the academic and non-academic sectors (in particular SMEs), based in Europe and outside Europe.</p>	<p>April 24, 2014</p> <p>Duration: The maximum duration of support will be four years from the starting date specified in the Agreement.</p>	<p>€ 70,000,000 (Total for 2014)</p>
Marie Skłodowska-Curie Individual Fellowships H2020-MSCA-IF-2014	<p>Purpose: Enhance the creative and innovative potential of experienced researchers wishing to diversify their individual competence in terms of skill acquisition through advanced training, international and intersectoral mobility.</p> <p>Scope: European Fellowships are open to researchers either coming to Europe or moving within Europe. Global Fellowships are based on a secondment to a third country and a mandatory 12 month return period to a European host.</p>	<p>September 11, 2014</p>	<p>€240,500,000 (Total for 2014)</p>

Excellent Science – Research infrastructures

Call	Topics	Application Deadline	Budget
e-Infrastructures H2020-EINFRA-2014-1	- e-Infrastructure for Open Access (EINFRA-2-2014)	May 15, 2014	€ 13,000,000
Integrating and opening research infrastructures of European interest H2020-INFRAIA-2014-2015	<p>Areas under <i>Biological and Medical Sciences - Starting Communities</i>:</p> <ul style="list-style-type: none"> -Health information, clinical data, samples and medical images – support to population studies; -New tools and resources for analyzing and integrating genomic, epigenomic, proteomic, metabolomic and phenomic data; -European nanomedicine characterisation infrastructure; -Research infrastructures supporting rare diseases research. <p>Areas under <i>Biological and Medical Sciences - Advanced Communities</i>:</p> <ul style="list-style-type: none"> -High-containment biosafety facilities and virus collections including for high-risk animal/human pathogens; -Vaccine infrastructures; -Research Infrastructures for translating research on biological structures into innovation in biomedicine; -Research infrastructures in aquaculture. 	September 2, 2014	€ 90,000,000 for 2014 € 50,000,000 for 2015
Developing new world-class research infrastructures H2020-INFRADEV-1-2014-1	<ul style="list-style-type: none"> -Design studies (INFRADEV-1-2014) - Implementation and operation of cross-cutting services and solutions for clusters of ESFRI and other relevant research infrastructure initiatives (INFRADEV-4-2014-2015) 	September 2, 2014	€ 95,000,000 (Total for 2014)
e-Infrastructures H2020-EINFRA-2014-2	<ul style="list-style-type: none"> -Managing, preserving and computing with big research data (EINFRA-1-2014) -Towards global data e-infrastructures – Research Data Alliance (EINFRA-3-2014) -Pan-European High Performance Computing infrastructure and services (EINFRA-4-2014) -Provision of core services across e-infrastructures (EINFRA-7-2014) -Research and Education Networking – GÉANT (EINFRA-8-2014) 	September 2, 2014	€ 82,000,000 (Total for 2014)

Societal Challenges – Health, demographic change and wellbeing

Call	Topics	Application Deadline	Budget
<p>Personalizing Health and Care</p> <p>H2020-PHC-2014-two-stage</p>	<ul style="list-style-type: none"> - Understanding health, ageing and disease: determinants, risk factors and pathways (PHC-01-2014) - Health promotion and disease prevention: translating 'omics' into stratified approaches (PHC-05-2014) - Evaluating existing screening and prevention programmes (PHC-06-2014) - Development of new diagnostic tools and technologies: in vitro devices, assays and platforms (PHC-10-2014) - New therapies for chronic non-communicable diseases (PHC-13-2014) - Comparing the effectiveness of existing healthcare interventions in the elderly (PHC-17-2014) - Developing and comparing new models for safe and efficient, prevention oriented health and care systems (PHC-23-2014) - Advancing bioinformatics to meet biomedical and clinical needs (PHC-32-2014) 	<p>March 11, 2014 (Stage 1)</p> <p>August 19, 2014 (Stage 2)</p>	<p>€ 303,000,000 (Total for 2014)</p>
<p>Personalizing Health and Care</p> <p>H2020-PHC-2014-single-stage</p>	<ul style="list-style-type: none"> - Improving the control of infectious epidemics and foodborne outbreaks through rapid identification of pathogens (PHC-07-2014) - Vaccine development for poverty-related and neglected infectious diseases: tuberculosis (PHC-08-2014) -Clinical research on regenerative medicine (PHC-15-2014) - Advancing active and healthy ageing with ICT: service robotics within assisted living environments (PHC-19-2014) - Advancing active and healthy ageing with ICT: ICT solutions for independent living with cognitive impairment (PHC-20-2014) - Self management of health and disease: citizen engagement and Health (PHC-26-2014) - Foresight for health policy development and regulation (PHC-31-2014) - eHealth interoperability (PHC-34-2014) 	<p>April 15, 2014</p>	<p>€ 185,200,000 (Total for 2014)</p>

<p>Personalizing Health and Care <u>H2020-PHC-2015-two-stage</u></p>	<ul style="list-style-type: none"> -Understanding disease: systems medicine (PHC-02-2015) -Understanding common mechanisms of diseases and their relevance in co-morbidities (PHC-03-2015) - Health promotion and disease prevention: improved inter-sector co-operation for environment and health based interventions (PHC-04-2015) -Development of new diagnostic tools and technologies: in vivo medical imaging technologies (PHC-11-2015) -New therapies for rare diseases (PHC-14-2015) - Tools and technologies for advanced therapies (PHC-16-2015) - Establishing effectiveness of health care interventions in the paediatric population (PHC-18-2015) - Promoting mental wellbeing in the ageing population (PHC-22-2015) - Piloting personalised medicine in health and care systems (PHC-24-2015) - New approaches to improve predictive human safety testing (PHC-33-2015) 	<p>October 14, 2014 (Stage 1)</p> <p>February 24, 2015 (Stage 2)</p>	<p>€ 330,000,000 (Total for 2015)</p>
<p>Personalizing Health and Care <u>H2020-PHC-2015-single-stage</u></p>	<ul style="list-style-type: none"> -Vaccine development for poverty-related and neglected infectious diseases: HIV/AIDS (PHC-09-2015) -Clinical research on regenerative medicine (PHC-15-2015) 	<p>April 21, 2015</p>	<p>€162,000,000 (Total for 2015)</p>