

HORIZON CALLS

2015



ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΙΓΑΙΟΥ - ΕΙΔΙΚΟΣ ΛΟΓΑΡΙΑΣΜΟΣ
ΕΡΕΥΝΑΣ - ΓΡΑΜΜΑΤΕΙΑ - ΔΙΕΥΘΥΝΣΗ ΑΝΑΠΤΥΞΗΣ



HORIZON 2020 CALLS FOR 2015

ΠΑΝΕΠΙΣΤΗΜΙΟ ΙΩΑΝΝΙΝΩΝ - ΕΙΔΙΚΟΣ ΛΟΓΑΡΙΑΣΜΟΣ ΕΡΕΥΝΑΣ ΓΡΑΜΜΑΤΕΙΑ - ΔΙΕΥΘΥΝΣΗ ΑΝΑΠΤΥΞΗΣ



es	Infrastructures		EINFRA-9-2015: e-Infrastructures for virtual research environments (VRE)	14																
		Support to innovation, human resources, policy & international cooperation	INFRASUPP-4-2015: New professions and skills for e-infrastructures	14																2.500.000 €
			INFRASUPP-2-2015: Innovative procurement pilot action in the field of scientific instrumentation						21											14.000.000 €
		Developing new world-class research infrastructures	INFRADEV-3-2015: Individual implementation and operation of ESFRI projects	14																97.000.000 €
			INFRADEV-2-2015: Preparatory Phase of ESFRI projects						21											6.000.000 €
TOTAL BUDGET																		2.767.000.000 €		
Industrial Leadership - Horizon 2020										2015								BUDGET		
THEMATIC	WORK PROGRAMMES	Call Title	Call Identifier	J	F	M	A	M	J	J	A	S	O	N	D					
SME Instrument	Complete list of SME Instrument topics	DEDICATED SME INSTRUMENT - PHASE 2 2015	BG-12-2015: Supporting SMEs efforts for the development - deployment and market replication of innovative solutions for blue growth			18			17			17				16	203.701.600 €			
			BIOTEC-5b-2015: SME boosting biotechnology-based industrial processes driving competitiveness and sustainability			18			17			17							16	
			DRS-17-2015: Critical infrastructure protection topic 7: SME instrument topic: Protection of Urban soft targets and critical infrastructures			18			17			17							16	
			ICT-37-2015: Open Disruptive Innovation Scheme (implemented through the SME instrument)			18			17			17							16	
			INSO-10-2015: SME business model innovation			18			17			17							16	
			INSO-9-2015: Innovative mobile e-government applications by SMEs			18			17			17							16	
			IT-1-2015: Small business innovation research for Transport			18			17			17							16	
			NMP-25-2015: Accelerating the uptake of nanotechnologies, advanced materials or advanced manufacturing and processing technologies by SMEs			18			17			17							16	
			PHC-12-2015: Clinical research for the validation of biomarkers and/or diagnostic medical devices			18			17			17							16	
			SC5-20-2015: Boosting the potential of small businesses for eco-innovation and a sustainable supply of raw materials			18			17			17							16	

			ICT-10-2015: Collective Awareness Platforms for Sustainability and Social Innovation					14																
			ICT-12-2015: Integrating experiments and facilities in FIRE+					14																
			ICT-16-2015: Big data - research					14																
			ICT-19-2015: Technologies for creative industries, social media and convergence					14																
			ICT-20-2015: Technologies for better human learning and teaching					14																
			ICT-24-2015: Robotics					14																
			ICT-25-2015: Generic micro- and nano-electronic technologies					14																
			ICT-27-2015: Photonics KET					14																
			ICT-28-2015: Cross-cutting ICT KETs					14																
			ICT-30-2015: Internet of Things and Platforms for Connected Smart Objects					14																
			ICT-36-2015: Pre-commercial procurement open to all areas of public interest requiring new ICT solutions					14																
			ICT-38-2015: International partnership building and support to dialogues with high income countries					14																
			ICT-39-2015: International partnership building in low and middle income countries					14																
Nanotechnologies, Advanced Materials and Production in LEIT	Complete NMP Work Programme 2014-2015	Nanotechnologies, Advanced Materials & Production	NMP-14-2015: ERA-NET on Materials (including Materials for Energy)					26													12.750.000 €			
			NMP-32-2015: Societal engagement on responsible nanotechnology					26															2.650.000 €	
			NMP-38-2015: Presidency events					26																
			NMP-40-2015: Support for clustering and networking in the micro- & nanofluidics community					26																64.430.000 €
			NMP-02-2015: Integration of novel nano materials into existing production lines					26																
			NMP-03-2015: Manufacturing and control of nanoporous materials					26																
			NMP-06-2015: Novel nanomatrices and nanocapsules					26																
			NMP-07-2015: Additive manufacturing for tabletop nanofactories					26																
			NMP-11-2015: Nanomedicine therapy for cancer					26															8	€ 148.370.000

			NMP-12-2015: Biomaterials for treatment and prevention of Alzheimer's disease						26								8									
			NMP-15-2015: Materials innovations for optimisation of cooling in power plants						26										8							
			NMP-16-2015: Extended in-service service of advanced functional materials in energy technologies (capture, conversion, storage and/or transmission of energy)						26											8						
			NMP-19-2015: Materials for severe operating conditions, including added-value functionalities						26												8					
			NMP-22-2015: Fibre-based materials for non-clothing applications						26												8					
			NMP-23-2015: Novel materials by design for substituting critical materials						26												8					
			NMP-24-2015: Low-energy solutions for drinking water production																							
			NMP-29-2015: Increasing the capacity to perform nano-safety assessment																			26				
			NMP-30-2015: Next generation tools for risk governance of nanomaterials																			26				
Biotechnology in LEIT	It is included in the NMP W P	Biotechnology	BIOTEC-2-2015: New bioinformatics approaches in service of biotechnology						26									8								
			BIOTEC-6-2015: Metagenomics as innovation driver						26										8							
Space in LEIT	Complete Space Work Programme 2014-2015	Protection of European assets in and from Space	PROTEC-1-2015: Passive means to reduce the impact of Space Debris																	8				6.500.000 €		
		H2020-LEIT-SPACE-COMPETITIVENESS OF THE EUROPEAN SPACE SECTOR-2015	COMPET-01-2015: Technologies for European non-dependence and competitiveness																			8				39.000.000 €
			COMPET-02-2015: Independent access to space																			8				
			COMPET-03-2015: Bottom-up space technologies at low TRL																			8				
			COMPET-04-2015: Space exploration – Habitat management																			8				
			COMPET-05-2015: Scientific exploitation of astrophysics, comets, and planetary data																			8				
		COMPET-06-2015: International Cooperation in space science																			8					
		EARTH OBSERVATION-2015-LEIT SPACE	EO-1-2015: Bringing EO applications to the market																			8				25.000.000 €
EO-2-2015: Stimulating wider research use of Copernicus Sentinel Data																				8						

			EO-3-2015: Technology developments for competitive imaging from space				8														
		APPLICATIONS IN SATELLITE NAVIGATION-GALILEO-2015	GALILEO-1-2015: EGNSS applications				8														
			GALILEO-2-2015: Small and Medium Enterprise (SME) based EGNSS applications				8														
			GALILEO-3-2015: Releasing the potential of EGNSS applications through international cooperation				8														
PPP Public Private Partnership	Factories of the Future	FoF-08-2015: ICT-enabled modelling, simulation, analytics and forecasting technologies		4																	
		FoF-09-2015: ICT Innovation for Manufacturing SMEs (I4MS)		4																	
		FoF-10-2015: Manufacturing of custom made parts for personalised products		4																	
		FoF-11-2015: Flexible production systems based on integrated tools for rapid reconfiguration of machinery and robots		4																	
		FoF-12-2015: Industrial technologies for advanced joining and assembly processes for multi-materials		4																	
		FoF-13-2015: Re-use and remanufacturing technologies and equipment for sustainable product lifecycle management		4																	
		FoF-14-2015: Integrated design and management of production machinery and processes		4																	
	Energy-efficient Buildings	EeB-05-2015: Innovative design tools for refurbishing of buildings at district level		4																	
		EeB-06-2015: Integrated solutions of thermal energy storage for building applications		4																	
		EeB-07-2015: New tools and methodologies to reduce the gap between predicted and actual energy performances at the level of buildings and blocks of buildings		4																	
		EeB-08-2015: Integrated approach to retrofitting of residential buildings		4																	
	Sustainable Process Industries	SPIRE-05-2015: New adaptable catalytic reactor methodologies for Process Intensification		4																	
		SPIRE-06-2015: Energy and resource management systems for improved efficiency in the process industries		4																	
		SPIRE-07-2015: Recovery technologies for metals and other minerals		4																	
																				25.000.000 €	
																				143.170.000 €	
																				62.480.000 €	
																				75.170.000 €	

			SPIRE-08-2015: Solids handling for intensified process technology		4																			
		EU-BRAZIL RESEARCH AND DEVELOPMENT COOPERATION IN ADVANCED CYBER INFRASTRUCTURE	EUB-1-2015: Cloud Computing, including security aspects				21																	
			EUB-2-2015: High Performance Computing (HPC)				21																	
			EUB-3-2015: Experimental Platforms				21																	
Innovation in SMEs		Enhancing SME innovation capacity by providing better innovation support	INNOSUP-7-2015: Professionalization of open innovation management in SMEs				29															1.700.000 €		
		Peer Learning of Innovation Agencies	INNOSUP-5-2014: peer learning of innovation agencies		12				14		14						14					1.420.000 €		
		Cluster facilitated projects for new industrial chains	INNOSUP-1-2015: Cluster facilitated projects for new value chains				30										9					24.900.000 €		
		Capitalising the full potential of on-line collaboration	INNOSUP-6-2015: Capitalising the full potential of online collaboration for SME innovation				10									12						2.350.000 €		
TOTAL BUDGET																					1.461.988.600 €			
Societal Challenges - Horizon 2020													2015								BUDGET			
THEMATIC	WORK PROGRAMMES	Call Title	Call Identifier	J	F	M	A	M	J	J	A	S	O	N	D									
Health, demographic change and wellbeing	Complete SC1 Work Programme 2014-2015	PERSONALISING HEALTH AND CARE	PHC-09-2015: PHC 9 – 2015: Vaccine development for poverty-related and neglected infectious diseases: HIV/AIDS		24																88.000.000 €			
			PHC-15-2015: Clinical research on regenerative medicine		24																			
			PHC-33-2015: New approaches to improve predictive human safety testing		24																			
			PHC-21-2015: Advancing active and healthy ageing with ICT: Early risk detection and intervention					21																
			PHC-25-2015: Advanced ICT systems and services for integrated care					21																
			PHC-27-2015: Self-management of health and disease and patient empowerment supported by ICT					21																
			PHC-28-2015: Self management of health and disease and decision support systems based on predictive computer modelling used by the patient him or herself					21																
			PHC-29-2015: Public procurement of innovative eHealth services					21																
104.500.000 €																								

	HEALTH CO-ORDINATION ACTIVITIES	PHC-30-2015: Digital representation of health data to improve disease diagnosis and treatment																21												
		HCO-06-2015: Global Alliance for Chronic Diseases. Prevention and treatment of lung diseases																	24											
		HCO-11-2015: ERA NET Collaboration and alignment of national programmes and activities in the area of brain-related diseases and disorders of the nervous system																	24											
		HCO-12-2015: ERA NET: Antimicrobial resistance																	24											
		HCO-13-2015: ERA-NET: Cardiovascular disease																	24											
		HCO-17-2015: Towards sustainability and globalisation of the Joint Programming Initiative on Neurodegenerative Diseases																	24											
	http://www.imi.europa.eu/content/mission	Medicines Initiative (IMI)	IMI2-2015-03-01: Remote Assessment of Disease and Relapse - CNS																	24							22			
			IMI2-2015-03-02: Towards a Quantitative Biological Approach for Neuropsychiatry																		24							22		
			IMI2-2015-03-03: Assessing Risk and Progression of Prediabetes and Type 2 Diabetes to Enable Disease Modification																			24							22	
			IMI2-2015-03-04: The Consistency Approach to Quality Control in Vaccine Manufacture																			24							22	
			IMI2-2015-03-05: Pertussis vaccination research																			24							22	
			IMI2-2015-03-06: Knowledge Repository to enable Patient Focused Medicine Development																			24							22	
			IMI2-2015-04-01: Enabling Platform on Medicines Adaptive Pathways to Patients																			11							14	
	Food security, sustainable agriculture & forestry, marine & maritime and inland water research	Complete SC2 Work Programme 2014-2015	Blue Growth: Unlocking the potential of Seas and Oceans	BG-01-2015: Improving the preservation and sustainable exploitation of Atlantic marine ecosystems																3							11			
BG-02-2015: Forecasting and anticipating effects of climate change on fisheries and aquaculture																					3							11		
BG-07-2015: Response capacities to oil spills and marine pollutions																						3							11	
BG-16-2015: Coordination action in support of the implementation of the Joint Programming Initiative on 'Healthy and Productive Seas and Oceans'																												11		
Sustainable Food Security		SFS-01c-2015: Assessing sustainability of terrestrial livestock production																		3							11			
			29.000.000 €																											
			112.860.000 €																											
			2.260.000 €																											
			36.000.000 €																											
			2.000.000 €																											
			104.000.000 €																											

			SFS-02b-2015: Assessing soil-improving cropping systems		3					11												
			SFS-05-2015: Strategies for crop productivity, stability and quality		3						11											
			SFS-07b-2015: Management and sustainable use of genetic resources		3						11											
			SFS-10b-2015: Scientific basis and tools for preventing and mitigating farmed mollusc diseases		3						11											
			SFS-11b-2015: Consolidating the environmental sustainability of European aquaculture		3						11											
			SFS-13-2015: Biological contamination of crops and the food chain		3						11											
			SFS-18-2015: Small farms but global markets: the role of small and family farms in food and nutrition security		3						11											
			SFS-20-2015: Sustainable food chains through public policies: the cases of the EU quality policy and of public sector food procurement		3						11											
			SFS-14b-2015: Authentication of food products									11										500.000 €
		Innovative, Sustainable & inclusive Bioeconomy	ISIB-02-2015: Closing the research and innovation divide: the crucial role of innovation support services and knowledge exchange									11										
			ISIB-12c-2015: Monitoring and mitigation of agricultural and forestry greenhouse gases (GHG)									11										
			ISIB-12e-2015: Sustainable livestock production									11										
			ISIB-12f-2015: Biomarkers for nutrition and health									11										
			ISIB-13-2015: Coordination action in support of the implementation by participating States of a Joint Programming Initiative on 'A Healthy Diet for a Healthy Life'									11										
			ISIB-03-2015: Unlocking the growth potential of rural areas through enhanced governance and social innovation		3							11										
ISIB-04b-2015: Improved forest management models			3							11												
ISIB-06-2015: Converting CO2 into chemicals		3							11													
Secure, Clean and Efficient	Complete SC3 Work Programme	Smart Cities & Communities	SCC-01-2015: Smart Cities and Communities solutions integrating energy, transport, ICT sectors through lighthouse (large scale demonstration - first of the kind) projects																5	107.180.000 €		

			MG-1.9-2015: International cooperation in aeronautics with Canada				23														
			MG-9.1-2015: Transport societal drivers				23														
			MG-9.5-2015: Fostering transnational cooperation in European transport research and innovation – NCP network				23														
			MG-3.6b-2015: Safe and connected automation in road transport														15				
			MG-5.5b-2015: Demonstrating and testing innovative solutions for cleaner and better urban transport and mobility														15				
			MG-8.3-2015: Facilitating market take up of innovative transport infrastructure solutions														15				
			MG-8.4b-2015: Smart governance, network resilience and streamlined delivery of infrastructure innovation														15				
			GREEN VEHICLES 2015	GV-6-2015: Powertrain control for heavy-duty vehicles with optimised emission																	
				GV-8-2015: Electric vehicles' enhanced performance and integration into the transport system and the grid																	
			http://ec.europa.eu/research/participants/portal/doc/call/h2020/h2020-cs2-cfp01-2014-01/1635111-cs2_work_plan_2014-2015_en.pdf	CLEAN SKY 2	JTI-CS2-2014-CFP01-AIR-01-01: Aerodynamic and acoustic capabilities developments for close coupling, high bypass ratio turbofan Aircraft integration				31												
					JTI-CS2-2014-CFP01-AIR-01-02: Advanced predictive models development and simulation capabilities for Engine design space exploration and performance optimization				31												
					JTI-CS2-2014-CFP01-AIR-01-03: CROR Engine debris Impact. Shielding design, manufacturing, simulation and Impact test preparation				31												
					JTI-CS2-2014-CFP01-AIR-01-04: Aero-acoustic experimental characterization of a CROR (Contra Rotating Open Rotor) engine WT model with core flow in propellers architecture				31												
JTI-CS2-2014-CFP01-AIR-01-05: Blade FEM impact simulations and sample manufacturing for CROR Aircraft						31															
JTI-CS2-2014-CFP01-AIR-01-06: Design and demonstration of a laminar nacelle concept for business jet						31															
18.500.000 €																					
30.000.000 €																					
47.960.000 €																					

		INTEGRATING SOCIETY IN SCIENCE AND INNOVATION	ISSI-1-2015: Pan-European public outreach: exhibitions and science cafés engaging citizens in science															16	22.000.000 €		
			ISSI-3-2015: Knowledge Sharing Platform																		16
			ISSI-4-2015: On-line mechanisms for knowledge-based policy advice																		16
			ISSI-5-2015: Supporting structural change in research organisations to promote Responsible Research and Innovation																		16
		DEVELOPING GOVERNANCE FOR THE ADVANCEMENT OF RESPONSIBLE RESEARCH AND INNOVATION	GARRI-2-2015: Responsible Research and Innovation in industrial context																	16	5.500.000 €
			GARRI-4-2015: Innovative approach to release and disseminate research results and measure their impact																	16	
			GARRI-9-2015: Estimating the costs of research misconduct and the socio-economic benefit of research integrity																	16	
Spreading excellence & widening participation		TWINNING	H2020-TWINN-2015: Twinning															7	65.270.000 €		
TOTAL BUDGET																		110.670.000 €			
COSME - Competitiveness of Enterprises and Small and Medium-sized Enterprises (SMEs)										2015								BUDGET			
THEMATIC	WORK PROGRAMMES	Call Title	Call Identifier	J	F	M	A	M	J	J	A	S	O	N	D						
http://ec.europa.eu/easme/en/cosme-eu-programme-competitiveness-enterprises-and-small-and-medium-sized-enterprises-smes		Enterprise Europe Network 2nd call	COS-EEN-2014-2-04	29															0 €		
		Facilitating access to regulation for light Remotely Piloted Aircraft Systems (RPAS)	COS-RPAS-2014-2-03		18														1.000.000 €		
		Facilitating EU transnational tourism flows for seniors and young people in the low and medium seasons	COS-TFLOWS-2014-3-15		15															1.800.000 €	
TOTAL BUDGET																		2.800.000 €			

