

Societal Challenges

Call	Referência	Tópico	Data de Abertura	Data de Fecho
Automated Road Transport	H2020-ART-2016-2017	ART-02-2016:Automation pilots for passenger cars	14 October 2015	20 January 2016 29 September 2016
		ART-04-2016:Safety and end-user acceptance aspects of road automation in the transition period	14 October 2015	20 January 2016 29 September 2016
		ART-05-2016:Road infrastructure to support the transition to automation and the coexistence of conventional and automated vehicles on the same network	14 October 2015	20 January 2016 29 September 2016
Mobility for Growth	H2020-MG-2016-2017	MG-1.1-2016:Reducing energy consumption and environmental impact of aviation	14 October 2015	20 January 2016 29 September 2016
		MG-1.4-2016-2017:Breakthrough innovation	14 October 2015	20 January 2016 29 September 2016
		MG-2.2-2016:Development, production and use of high performance and lightweight materials for vessels and equipment	14 October 2015	20 January 2016 29 September 2016
		MG-2.3-2016:New and improved transport concepts in waterborne transport	14 October 2015	20 January 2016 29 September 2016
		MG-3.3-2016:Safer waterborne transport and maritime operations	14 October 2015	20 January 2016 29 September 2016
		MG-3.4-2016:Transport infrastructure innovation to increase the transport system safety at modal and intermodal level (including nodes and interchanges)	14 October 2015	20 January 2016 29 September 2016
		MG-3.5-2016:Behavioural aspects for safer transport	14 October 2015	20 January 2016 29 September 2016

		MG-4.5-2016:New ways of supporting development and implementation of neighbourhood-level and urban-district-level transport innovations	14 October 2015	20 January 2016 29 September 2016
		MG-5.1-2016:Networked and efficient logistics clusters	14 October 2015	20 January 2016 29 September 2016
		MG-6.1-2016:Innovative concepts, systems and services towards 'mobility as a service'	14 October 2015	20 January 2016 29 September 2016
		MG-6.2-2016:Large-scale demonstration(s) of cooperative ITS	14 October 2015	20 January 2016 29 September 2016
COMPETITIVE CARBON ENERGY	LOW- H2020-LCE-2016-2017	LCE-01-2016-2017:Next generation innovative technologies enabling smart grids, storage and energy system integration with increasing share of renewables: distribution network	7 December 2015	5 April 2016
		LCE-02-2016:Demonstration of smart grid, storage and system integration technologies with increasing share of renewables: distribution system	7 December 2015	5 April 2016
		LCE-03-2016:Support to R&I strategy for smart grid and storage	7 December 2015	5 April 2016
		LCE-07-2016-2017:Developing the next generation technologies of renewable electricity and heating/cooling	26 October 2015	16 February 2016
		LCE-08-2016-2017:Development of next generation biofuel technologies	26 October 2015	16 February 2016
		LCE-23-2016:International Cooperation with Mexico on geothermal energy	26 October 2015	16 February 2016
		LCE-24-2016:International Cooperation with South Korea on new generation high-efficiency capture processes	26 October 2015	16 February 2016
		LCE-25-2016:Utilisation of captured CO2 as feedstock for the process industry	26 October 2015	16 February 2016
		LCE-26-2016:Cross-thematic ERA-NET on Applied Geosciences	7 December 2015	5 April 2016
		LCE-31-2016-2017:Social Sciences and Humanities Support for the Energy Union	26 October 2015	16 February 2016
		LCE-32-2016:European Platform for energy-related Social Sciences and Humanities research	7 December 2015	5 April 2016

		LCE-33-2016:European Common Research and Innovation Agendas (ECRIAs) in support of the implementation of the SET Action Plan	7 December 2015	5 April 2016
		LCE-34-2016:Joint Actions towards the demonstration and validation of innovative energy solutions	7 December 2015	5 April 2016
		LCE-36-2016:Support to the energy stakeholders to contribute to the SET-Plan	26 October 2015	16 February 2016
Greening the Economy	H2020-SC5-2016-2017	SC5-01-2016-2017:Exploiting the added value of climate services	9 November 2015	8 March 2016 6 September 2016
		SC5-03-2016:Climate services market research	9 November 2015	8 March 2016
		SC5-05-2016:A 1.5 million year look into the past for improving climate predictions	9 November 2015	8 March 2016
		SC5-06-2016-2017:Pathways towards the decarbonisation and resilience of the European economy in the timeframe 2030-2050 and beyond	9 November 2015	8 March 2016
		SC5-09-2016:Operationalising insurance value of ecosystems	9 November 2015	8 March 2016
		SC5-10-2016:Multi-stakeholder dialogue platform to promote innovation with nature to address societal challenges	9 November 2015	8 March 2016
		SC5-11-2016:Supporting international cooperation activities on water	9 November 2015	8 March 2016
		SC5-13-2016-2017:New solutions for sustainable production of raw materials	9 November 2015	8 March 2016
		SC5-14-2016-2017:Raw materials Innovation actions	9 November 2015	8 March 2016 6 September 2016
		SC5-15-2016-2017:Raw materials policy support actions	9 November 2015	8 March 2016
		SC5-16-2016-2017:Raw materials international co-operation	9 November 2015	8 March 2016
		SC5-17-2016:ERA-NET Cofund on Raw materials	9 November 2015	8 March 2016
		SC5-20-2016:European data hub of the GEOSS information system	9 November 2015	8 March 2016
		SC5-21-2016-2017:Cultural heritage as a driver for sustainable growth	9 November 2015	8 March 2016 6 September 2016

		SC5-23-2016-2017:Support to confirmed Presidency events (conferences) – Malta, United Kingdom, Estonia	9 November 2015	8 March 2016
		SC5-25-2016:Macro-economic and societal benefits from creating new markets in a circular economy	9 November 2015	8 March 2016
		SC5-27-2016:Preparing for pre-commercial procurement (PCP) and/or public procurement of innovative solutions (PPI) in support of climate action, environment, resource efficiency and raw materials	9 November 2015	8 March 2016
		SC5-28-2016:Transformations to sustainability	9 November 2015	8 March 2016
Earth Observation	H2020-EO-2016	EO-1-2016:Downstream applications	9 November 2015	3 March 2016
		EO-2-2016:Downstream services for public authorities	9 November 2015	3 March 2016
		EO-3-2016:Evolution of Copernicus services	9 November 2015	3 March 2016
ENGAGING TOGETHER GLOBALLY	H2020-SC6-ENG-GLOBALLY-2016-2017	ENG-GLOBALLY-08-2016/2017:EU-China cooperation on sustainable urbanisation	7 December 2015	14 April 2016
		ENG-GLOBALLY-09-2016:Centres/Networks of European research and innovation	7 December 2015	14 April 2016
Digital Security Focus Area	H2020-DS-2016-2017	DS-01-2016:Assurance and Certification for Trustworthy and Secure ICT systems, services and components	19 October 2015	12 April 2016
		DS-03-2016:Increasing digital security of health related data on a systemic level	19 October 2015	16 February 2016
Personalised Medicine	H2020-SC1-2016-2017	SC1-HCO-01-2016:Valorisation of FP7 Health and H2020 SC1 research results	19 October 2015	13 April 2016
		SC1-HCO-02-2016:Standardisation of pre-analytical and analytical procedures for in vitro diagnostics in personalised medicine	19 October 2015	13 April 2016
		SC1-HCO-04-2016:Towards globalisation of the Joint Programming Initiative on Antimicrobial resistance	19 October 2015	13 April 2016
		SC1-HCO-05-2016:Coordinating personalised medicine research	19 October 2015	13 April 2016
		SC1-HCO-06-2016:Towards an ERA-NET for building sustainable and resilient health system models	19 October 2015	13 April 2016
		SC1-HCO-10-2016:Support for Europe’s leading Health ICT SMEs	19 October 2015	16 February 2016

SC1-HCO-11-2016:Coordinated action to support the recognition of Silver Economy opportunities arising from demographic change	19 October 2015	16 February 2016
SC1-HCO-12-2016:Digital health literacy	19 October 2015	16 February 2016
SC1-HCO-13-2016:Healthcare Workforce IT skills	19 October 2015	16 February 2016
SC1-HCO-14-2016:EU-US interoperability roadmap	19 October 2015	16 February 2016
SC1-HCO-15-2016:EU eHealth Interoperability conformity assessment	19 October 2015	16 February 2016
SC1-HCO-16-2016:Standardisation needs in the field of ICT for Active and Healthy Ageing	19 October 2015	16 February 2016
SC1-PM-01-2016:Multi omics for personalised therapies addressing diseases of the immune system	19 October 2015	13 April 2016
SC1-PM-04-2016:Networking and optimising the use of population and patient cohorts at EU level	19 October 2015	13 April 2016
SC1-PM-05-2016:The European Human Biomonitoring Initiative	19 October 2015	13 April 2016
SC1-PM-06-2016:Vaccine development for malaria and/or neglected infectious diseases	19 October 2015	13 April 2016
SC1-PM-09-2016:New therapies for chronic diseases	19 October 2015	13 April 2016
SC1-PM-11-2016-2017:Clinical research on regenerative medicine	19 October 2015	13 April 2016
SC1-PM-12-2016:PCP - eHealth innovation in empowering the patient	19 October 2015	16 February 2016
SC1-PM-13-2016:PPI for deployment and scaling up of ICT solutions for active and healthy ageing	19 October 2015	16 February 2016
SC1-PM-14-2016:EU-Japan cooperation on Novel ICT Robotics based solutions for active and healthy ageing at home or in care facilities	19 October 2015	12 April 2016
SC1-PM-18-2016:Big Data supporting Public Health policies	19 October 2015	16 February 2016
SC1-PM-21-2016:Implementation research for scaling-up of evidence based innovations and good practice in Europe and low- and middle-income countries	19 October 2015	13 April 2016

CO-CREATION FOR GROWTH AND INCLUSION	H2020-SC6-CO-CREATION-2016-2017	CO-CREATION-05-2016:Co-creation between public administrations: once-only principle	4 January 2016	24 May 2016
SMART AND SUSTAINABLE CITIES	H2020-SCC-2016-2017	SCC-02-2016-2017:Demonstrating innovative nature-based solutions in cities	9 November 2015	8 March 2016 6 September 2016
		SCC-03-2016:New governance, business, financing models and economic impact assessment tools for sustainable cities with nature-based solutions (urban re-naturing)	9 November 2015	8 March 2016
		SCC-04-2016:Sustainable urbanisation	9 November 2015	8 March 2016
		SCC-1-2016-2017:Smart Cities and Communities lighthouse projects	7 December 2015	5 April 2016
Fast Track to Innovation Pilot	H2020-FTIPilot-2016	FTIPilot-01-2016:Fast Track to Innovation Pilot	1 December 2015	15 March 2016 1 June 2016 25 October 2016
Rural Renaissance - Fostering innovation and business opportunities	H2020-RUR-2016-2017	RUR-01-2016:Consolidated policy framework and governance models for synergies in rural-urban linkages	26 October 2015	17 February 2016 13 September 2016
		RUR-04-2016:Water farms – improving farming and its impact on the supply of drinking water	26 October 2015	17 February 2016 13 September 2016
		RUR-06-2016:Crop diversification systems for the delivery of food, feed, industrial products and ecosystems services - from farm benefits to value-chain organisation	26 October 2015	17 February 2016 13 September 2016
		RUR-07-2016:Resource-efficient and profitable industrial crops on marginal land	26 October 2015	17 February 2016 13 September 2016
		RUR-08-2016:Demonstration of integrated logistics centres for food and non-food applications	26 October 2015	17 February 2016
		RUR-10-2016-2017:Thematic Networks compiling knowledge ready for practice	26 October 2015	17 February 2016

		RUR-11-2016:On-farm demonstrations: deepening farmer-to-farmer learning mechanisms	26 October 2015	17 February 2016
		RUR-14-2016:Advisors' roles in the functioning of AKIS and advisory policies boosting innovation in sustainable agriculture	26 October 2015	17 February 2016 13 September 2016
Blue Growth - Demonstrating an ocean of opportunities	H2020-BG-2016-2017	BG-01-2016:Large-scale algae biomass integrated biorefineries	26 October 2015	17 February 2016
		BG-02-2016-2017:High value-added specialised vessel concepts enabling more efficient servicing of emerging coastal and offshore activities	26 October 2015	17 February 2016
		BG-03-2016:Multi-use of the oceans' marine space, offshore and near-shore: compatibility, regulations, environmental and legal issues	26 October 2015	17 February 2016
		BG-05-2016:ERA-NET Cofund on marine technologies	26 October 2015	17 February 2016
		BG-09-2016:An integrated Arctic observation system	26 October 2015	17 February 2016
		BG-10-2016:Impact of Arctic changes on the weather and climate of the Northern Hemisphere	26 October 2015	17 February 2016
		BG-12-2016:Towards an integrated Mediterranean Sea Observing System	26 October 2015	17 February 2016 13 September 2016
		BG-13-2016:Support to the BLUEMED Initiative: Coordination of marine and maritime research and innovation activities in the Mediterranean	26 October 2015	17 February 2016
Sustainable Food Security – Resilient and resource-efficient value chains	H2020-SFS-2016-2017	SFS-01-2016:Solutions to multiple and combined stresses in crop production	26 October 2015	17 February 2016 13 September 2016
		SFS-02-2016:Teaming up for good: Exploiting the benefits of species diversity in cropping systems	26 October 2015	17 February 2016 13 September 2016
		SFS-03-2016:Testing and breeding for sustainability and resilience in crops	26 October 2015	17 February 2016 13 September 2016
		SFS-06-2016:Weeding - strategies, tools and technologies for sustainable weed management	26 October 2015	17 February 2016 13 September 2016

SFS-07-2016-2017:Organic breeding – Increasing the competitiveness of the organic breeding and farming sectors	26 October 2015	17 February 2016 13 September 2016
SFS-09-2016:Spotlight on critical outbreak of pests: the case of Xylella fastidiosa	26 October 2015	17 February 2016
SFS-11-2016:Challenges for disease management: Perennial crops in the tropics and sub-tropics	26 October 2015	17 February 2016 13 September 2016
SFS-12-2016:Support for international research on animal health	26 October 2015	17 February 2016
SFS-14-2016:Understanding host-pathogen-environment interactions	26 October 2015	17 February 2016 13 September 2016
SFS-15-2016-2017:Breeding livestock for resilience and efficiency	26 October 2015	17 February 2016 13 September 2016
SFS-19-2016:ERA-NET Cofund: Public-Public Partnerships in the bioeconomy	26 October 2015	17 February 2016
SFS-21-2016-2017:Advancing basic biological knowledge and improving management tools for commercially important fish and other seafood species	26 October 2015	17 February 2016 13 September 2016
SFS-23-2016:Improving the technical performance of the Mediterranean aquaculture	26 October 2015	17 February 2016 13 September 2016
SFS-24-2016:Reinforcing international cooperation on sustainable aquaculture production with countries from South-East Asia	26 October 2015	17 February 2016
SFS-25-2016:Support Action to a common agricultural and wider bioeconomy research agenda	26 October 2015	17 February 2016
SFS-26-2016:Legumes - transition paths to sustainable legume-based farming systems and agri-feed and food chains	26 October 2015	17 February 2016 13 September 2016
SFS-31-2016:Farming for tomorrow - developing an enabling environment for resilient and sustainable agricultural systems	26 October 2015	17 February 2016 13 September 2016

		SFS-33-2016:Understanding food value chain and network dynamics	26 October 2015	17 February 2016 13 September 2016
		SFS-37-2016:The impact of consumer practices in food safety: risks and mitigation strategies	26 October 2015	17 February 2016 13 September 2016
		SFS-38-2016:Impulsivity and compulsivity and the link with nutrition, lifestyle and the socio-economic environment	26 October 2015	17 February 2016 13 September 2016
		SFS-41-2016:EU-Africa Research and Innovation partnership on food and nutrition security and sustainable agriculture	26 October 2015	17 February 2016
		SFS-42-2016:Promoting food and nutrition security and sustainable agriculture in Africa: the role of innovation	26 October 2015	17 February 2016 13 September 2016
		SFS-44-2016:A joint plant breeding programme to decrease the EU's and China's dependency on protein imports	26 October 2015	17 February 2016 13 September 2016
		SFS-45-2016:Increase overall transparency of processed agri-food products	26 October 2015	17 February 2016 13 September 2016
Bio-based innovation for sustainable goods and services – Supporting the development of a European Bioeconomy	H2020-BB-2016-2017	BB-01-2016:Sustainability schemes for the bio-based economy	26 October 2015	17 February 2016 13 September 2016
		BB-04-2016:Intelligent solutions and tools in forest production systems, fostering a sustainable supply of quality wood for the growing bioeconomy	26 October 2015	17 February 2016
		BB-06-2016:The regional dimension of bio-based industries	26 October 2015	17 February 2016