

- I. Excellent Science
 - European Research Council
 - Future and Emerging Technologies
 - Marie Skłodowska-Curie actions
 - Research Infrastructures
- II. Industrial Leadership
 - Leadership in enabling and industrial technologies (LEIT)
 - Information and Communication Technologies (ICT)
 - Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, and Biotechnology (NMBP)
 - Space
 - Innovation in SMEs
 - Cross-cutting Activities (Focus Areas)
- III. Societal Challenges
 - Health, demographic change and wellbeing
 - Food security, sustainable agriculture and forestry, marine and maritime and inland water research
 - Secure, clean and efficient energy
 - Smart, green and integrated transport
 - Climate action, environment, resource efficiency and raw materials
 - Europe in a changing world - inclusive, innovative and reflective Societies
 - Secure societies-Protecting freedom and security of Europe and its citizens
 - Cross-cutting Activities (Focus Areas)
- IV. Spreading Excellence and Widening Participation
- V. Science with and for Society
- VI. EURATOM
- VII. The European Institute of Innovation and Technology (EIT)

	Deadlines		
	1-stage proposals	2-stage proposals	
		1st stage	2nd stage
I. Excellent Science			
European Research Council			
ERC-2016-AdG: CALL FOR PROPOSALS FOR ERC ADVANCED GRANT ERC-ADG-2017:ERC Advanced Grant	31.08.2017		
ERC-2016-PoC: CALLS FOR PROPOSALS FOR ERC PROOF OF CONCEPT GRANT ERC-2017-PoC: ERC-Proof of Concept-2017	25.04.2017 05.09.2017		
Future and Emerging Technologies			
H2020-FETOPEN-2016-2017: Novel ideas for radically new technologies FETOPEN-01-2016-2017:FET-Open research and innovation actions FETOPEN-04-2016-2017:FET Innovation Launchpad	27.09.2017 27.09.2017		
H2020-FETHPC-2016-2017: High Performance Computing FETHPC-02-2017:Transition to Exascale Computing FETHPC-03-2017:Exascale HPC ecosystem development	26.09.2017 26.09.2017		
Marie Skłodowska-Curie Actions			
H2020-MSCA-IF-2016-2017: Individual Fellowships MSCA-IF-2017:Individual Fellowships	14.09.2017		
H2020-MSCA-RISE-2017: Research and Innovation Staff Exchange MSCA-RISE-2017: Research and Innovation Staff Exchange	05.04.2017		
H2020-MSCA-COFUND-2016-2017: Co-funding of regional, national and international programmes MSCA-COFUND-2017:Co-funding of regional, national and international programmes	28.09.2017		
Research Infrastructures			
H2020-EINFRA-2016-2017: E-Infrastructures EINFRA-12-2017: Data and Distributed Computing e-infrastructures for Open Science EINFRA-21-2017: Platform-driven e-infrastructure innovation	29.03.2017 29.03.2017		
H2020-INFRAINNOV-2016-2017: Fostering the innovation potential of Research Infrastructures INFRAINNOV-01-2017:Fostering co-innovation for future detection and imaging technologies	29.03.2017		
H2020-INFRADEV-2016-2017: Development and long-term sustainability of new pan-European research infrastructures INFRADEV-01-2017: Design Studies	29.03.2017		
H2020-INFRA-SUPP-2016-2017: Support to policy INFRA-SUPP-02-2017: Policy and international cooperation measures for research infrastructures INFRA-SUPP-03-2016:Support to policies and international cooperation for e-infrastructures	29.03.2017 30.03.2016		

	Deadlines	
	1-stufiger Antrag	2-stufiger Antrag
	1. Stufe	2. Stufe
II. Industrial Leadership		
Leadership in enabling and industrial technologies (LEIT)		
Information and Communication Technologies (ICT)		
H2020-ICT-2016-2017: INFORMATION AND COMMUNICATIONS TECHNOLOGIES		
<i>Advanced Computing and Cloud Computing</i>		
ICT-05-2017: Customised and low energy computing (including Low power processor technologies)	25.04.2017	
<i>Future Internet</i>		
ICT-11-2017: Collective Awareness Platforms for Sustainability and Social Innovation	25.04.2017	
<i>Content</i>		
ICT-14-2016-2017: Big Data PPP: cross-sectorial and cross-lingual data integration and experimentation	25.04.2017	
ICT-15-2016-2017: Big Data PPP: Large Scale Pilot actions in sectors best benefitting from data-driven innovation	25.04.2017	
ICT-16-2017: Big data PPP: research addressing main technology challenges of the data economy	25.04.2017	
ICT-17-2016-2017: Big data PPP: Support, industrial skills, benchmarking and evaluation	25.04.2017	
ICT-20-2017: Tools for smart digital content in the creative industries	25.04.2017	
ICT-23-2017: Interfaces for accessibility	25.04.2017	
<i>Robotics and Autonomous Systems</i>		
ICT-25-2016-2017: Advanced robot capabilities research and take-up	25.04.2017	
ICT-27-2017: System abilities, SME & benchmarking actions, safety certification	25.04.2017	
ICT-28-2017: Robotics Competition, coordination and support	25.04.2017	
<i>ICT Key Enabling Technologies</i>		
ICT-30-2017: Photonics KET 2017	25.04.2017	
ICT-31-2017: Micro- and nanoelectronics technologies	25.04.2017	
<i>Innovation and Entrepreneurship support</i>		
ICT-32-2017: Startup Europe for Growth and Innovation Radar	25.04.2017	
ICT-33-2017: Innovation procurement networks	25.04.2017	
<i>International Cooperation Activities</i>		
ICT-39-2016-2017: International partnership building in low and middle income countries	25.04.2017	
<i>Support Actions</i>		
ICT-40-2017: Reinforcing European presence in international ICT standardisation	25.04.2017	
ICT-41-2017: Next Generation Internet	25.04.2017	
H2020-EUB-2017: EU-Brazil Joint Call		
EUB-01-2017: Cloud Computing	14.03.2017	
EUB-02-2017: IoT Pilots	14.03.2017	
EUB-03-2017: 5G Networks	14.03.2017	
H2020-ECSEL-2017-1-IA-TWO-STAGE		
ECSEL-2017-1: IA		11.05.2017
H2020-ECSEL-2017-2-RIA-TWO-STAGE		
ECSEL-2017-2: RIA		11.05.2017
Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, and Biotechnology (NMBP)		
H2020-NMBP-2016-2017: CALL FOR NANOTECHNOLOGIES, ADVANCED MATERIALS, BIOTECHNOLOGY AND PRODUCTION		
<i>ADVANCED MATERIALS AND NANOTECHNOLOGIES FOR HIGH ADDED VALUE PRODUCTS AND PROCESS INDUSTRIES</i>		
NMBP-04-2017: Architected /Advanced material concepts for intelligent bulk material structures	27.10.2016	04.05.2017
NMBP-05-2017: Advanced materials and innovative design for improved functionality and aesthetics in high added value consumer goods	27.10.2016	04.05.2017
NMBP-06-2017: Improved material durability in buildings and infrastructures, including offshore	27.10.2016	04.05.2017
NMBP-07-2017: Systems of materials characterisation for model, product and process optimisation	27.10.2016	04.05.2017
<i>ADVANCED MATERIALS AND NANOTECHNOLOGIES FOR HEALTHCARE</i>		
NMBP-12-2017: Development of a reliable methodology for better risk management of engineered biomaterials in Advanced Therapy Medicinal Products and/or Medical Devices	27.10.2016	04.05.2017
NMBP-14-2017: Regulatory Science Framework for assessment of risk benefit ratio of Nanomedicines and Biomaterials	27.10.2016	04.05.2017
NMBP-15-2017: Nanotechnologies for imaging cellular transplants and regenerative processes in vivo	27.10.2016	04.05.2017
<i>ADVANCED MATERIALS AND NANOTECHNOLOGIES FOR ENERGY APPLICATIONS</i>		
NMBP-19-2017: Cost-effective materials for "power-to-chemical" technologies	27.10.2016	04.05.2017
NMBP-20-2017: High-performance materials for optimizing carbon dioxide capture	27.10.2016	04.05.2017
<i>ECO-DESIGN AND NEW SUSTAINABLE BUSINESS MODELS</i>		
NMBP-22-2017: Business models and industrial strategies supporting novel supply chains for innovative product-	27.10.2016	04.05.2017
<i>MODELLING FOR THE DEVELOPMENT OF NANOTECHNOLOGIES AND ADVANCED MATERIALS</i>		
NMBP-25-2017: Next generation system integrating tangible and intangible materials model components to support innovation in industry	27.10.2016	04.05.2017
<i>SCIENCE-BASED RISK ASSESSMENT AND MANAGEMENT OF NANOTECHNOLOGIES, ADVANCED MATERIALS AND BIOTECHNOLOGIES</i>		
NMBP-28-2017: Framework and strategies for nanomaterial characterisation, classification, grouping and read-across for risk analysis	27.10.2016	04.05.2017
NMBP-29-2017: Advanced and realistic models and assays for nanomaterial hazard assessment	27.10.2016	04.05.2017
<i>INNOVATIVE AND RESPONSIBLE GOVERNANCE OF NEW AND CONVERGING ENABLING TECHNOLOGIES</i>		
NMBP-35-2017: Innovative solutions for the conservation of 20th century cultural heritage	27.10.2016	04.05.2017

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II. Industrial Leadership			
Leadership in enabling and industrial technologies (LEIT)			
Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, and Biotechnology (NMBP)			
H2020-BIOTEC-2016-2017: BIOTECHNOLOGY			
BIOTEC-05-2017: Microbial platforms for CO2-reuse processes in the low-carbon economy		27.10.2016	04.05.2017
BIOTEC-06-2017: Optimisation of biocatalysis and downstream processing for the sustainable production of high value-added platform chemicals		27.10.2016	04.05.2017
BIOTEC-07-2017: New Plant Breeding Techniques (NPBT) in molecular farming: Multipurpose crops for industrial bioproducts		27.10.2016	04.05.2017
HORIZON PRIZE – MATERIALS FOR CLEAN AIR			
CLEANAIR-01-2015: Horizon Prize – Materials for Clean Air	23.01.2018		
Space			
H2020-EO-2016-2017: EARTH OBSERVATION			
EO-1-2017: Downstream applications	01.03.2017		
EO-2-2017: EO Big Data Shift	01.03.2017		
EO-3-2017: Preparation for a European capacity to monitor CO2 anthropogenic emissions	01.03.2017		
H2020-COMPET-2016-2017: Competitiveness of European Space Sector: Technology and Science			
COMPET-1-2017: Technologies for European non-dependence and competitiveness	01.03.2017		
COMPET-2-2017: Competitiveness in Earth observation mission technologies	01.03.2017		
COMPET-3-2017: High speed data chain	01.03.2017		
COMPET-4-2017: Scientific data exploitation	01.03.2017		
COMPET-5-2017: Space Weather	01.03.2017		
COMPET-6-2017: Space portal	01.03.2017		
COMPET-7-2017: Technology transfer and business generators	01.03.2017		
H2020-Galileo-GSA-2017: APPLICATIONS IN SATELLITE NAVIGATION-GALILEO-2017			
GALILEO-1-2017: EGNSS Transport applications	01.03.2017		
GALILEO-2-2017: EGNSS mass market applications	01.03.2017		
GALILEO-3-2017: EGNSS professional applications	01.03.2017		
GALILEO-4-2017: EGNSS awareness raising and capacity building	01.03.2017		
Innovation in SMEs			
H2020-SMEInst-2016-2017: Horizon 2020 dedicated SME Instrument 2016-2017			
SME INSTRUMENT PHASE 1	for all:		
SMEInst-01-2016-2017: Open Disruptive Innovation Scheme-Phase 1			
SMEInst-02-2016-2017: Accelerating the uptake of nanotechnologies advanced materials or advanced manufacturing and processing technologies by SMEs-Phase 1	03.05.2017		
SMEInst-03-2016-2017: Dedicated support to biotechnology SMEs closing the gap from lab to market-Phase 1	06.09.2017		
SMEInst-04-2016-2017: Engaging SMEs in space research and development-Phase 1	08.11.2017		
SMEInst-05-2016-2017: Supporting innovative SMEs in the healthcare biotechnology sector-Phase 1			
SMEInst-06-2016-2017: Accelerating market introduction of ICT solutions for Health, Well-Being and Ageing Well-Phase 1			
SMEInst-07-2016-2017: Stimulating the innovation potential of SMEs for sustainable and competitive agriculture, forestry, agri-food and bio-based sectors-Phase 1	for all:		
H2020-SMEInst-2016-2017: Horizon 2020 dedicated SME Instrument 2016-2017	03.05.2017		
SME INSTRUMENT PHASE 1	06.09.2017		
SMEInst-08-2016-2017: Supporting SMEs efforts for the development - deployment and market replication of innovative solutions for blue growth-Phase 1	08.11.2017		
SMEInst-09-2016-2017: Stimulating the innovation potential of SMEs for a low carbon and efficient energy system-Phase 1			
SMEInst-10-2016-2017: Small business innovation research for Transport and Smart Cities Mobility-Phase 1			
SMEInst-11-2016-2017: Boosting the potential of small businesses in the areas of climate action, environment, resource efficiency and raw materials-Phase 1			
SMEInst-12-2016-2017: New business models for inclusive, innovative and reflective societies-Phase 1			
SMEInst-13-2016-2017: Engaging SMEs in security research and development-Phase 1			
SME INSTRUMENT PHASE 2	for all:		
SMEInst-01-2016-2017: Open Disruptive Innovation Scheme-Phase 2			
SMEInst-02-2016-2017: Accelerating the uptake of nanotechnologies advanced materials or advanced manufacturing and processing technologies by SMEs-Phase 2	06.04.2017		
SMEInst-03-2016-2017: Dedicated support to biotechnology SMEs closing the gap from lab to market-Phase 2	01.06.2017		
SMEInst-04-2016-2017: Engaging SMEs in space research and development-Phase 2	18.10.2017		
SMEInst-05-2016-2017: Supporting innovative SMEs in the healthcare biotechnology sector-Phase 2			

	Deadlines		
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		1. Stufe	2. Stufe
II. Industrial Leadership			
Innovation in SMEs			
H2020-SMEInst-2016-2017: Horizon 2020 dedicated SME Instrument 2016-2017			
<i>SME INSTRUMENT PHASE 2</i>			
SMEInst-06-2016-2017: Accelerating market introduction of ICT solutions for Health, Well-Being and Ageing Well-Phase 2			
SMEInst-07-2016-2017: Stimulating the innovation potential of SMEs for sustainable and competitive agriculture, forestry, agri-food and bio-based sectors-Phase 2			
SMEInst-08-2016-2017: Supporting SMEs efforts for the development - deployment and market replication of innovative solutions for blue growth-Phase 2			
SMEInst-09-2016-2017: Stimulating the innovation potential of SMEs for a low carbon and efficient energy system-Phase 2			
SMEInst-10-2016-2017: Small business innovation research for Transport and Smart Cities Mobility-Phase 2			
SMEInst-11-2016-2017: Boosting the potential of small businesses in the areas of climate action, environment, resource efficiency and raw materials-Phase 2			
SMEInst-12-2016-2017: New business models for inclusive, innovative and reflective societies-Phase 2			
SMEInst-13-2016-2017: Engaging SMEs in security research and development-Phase 2			
H2020-INNOSUP-2016-2017: For a better innovation support to SMEs			
INNOSUP-01-2016-2017: Cluster facilitated projects for new industrial value chains			
INNOSUP-03-2017: Technology services to accelerate the uptake of advanced manufacturing technologies for clean production by manufacturing SMEs			
INNOSUP-05-2016-2017: Peer learning of innovation agencies			
INNOSUP-07-2017: Innovating SMEs - segmentation along lifecycle and sectors (analytical research activity)			
INNOSUP-08-2017: A better access to industrial technologies developed overseas			
Cross-cutting Activities (Focus Areas)			
H2020-IND-CE-2016-17: Industry in the Circular Economy			
<i>Pilots</i>			
PILOTS-03-2017: Pilot Lines for Manufacturing of Nanotextured surfaces with mechanically enhanced properties			
PILOTS-04-2017: Pilot Lines for 3D printed and/or injection moulded polymeric or ceramic microfluidic MEMS			
PILOTS-05-2017: Paper-based electronics			
<i>Circular Economy</i>			
CIRC-01-2016-2017: Systemic, eco-innovative approaches for the circular economy: large-scale demonstration projects			
CIRC-02-2016-2017: Water in the context of the circular economy			
H2020-IOT-2016-2017: Internet of Things			
IoT-03-2017: R&I on IoT integration and platforms			

	Deadlines		
	1-stage proposals	2-stage proposals	
		1st stage	2nd stage
III. Societal Challenges			
Challenge 1: Health, demographic change and wellbeing			
H2020-SC1-2016-2017: Personalised Medicine <i>Understanding health, well-being and diseases</i> SC1-PM-03-2017: Diagnostic characterisation of rare diseases	11.04.2017		
<i>Treating and managing diseases</i> SC1-PM-11-2016-2017: Clinical research on regenerative medicine	11.04.2017		
<i>Active ageing and self-management of health</i> SC1-PM-15-2017: Personalised coaching for well-being and care of people as they age	31.01.2017		
SC1-PM-16-2017: In-silico trials for developing and assessing biomedical products	14.03.2017		
SC1-PM-17-2017: Personalised computer models and in-silico systems for well-being	14.03.2017		
<i>Methods and data</i> SC1-PM-19-2017: PPI for uptake of standards for the exchange of digitalised healthcare records	14.03.2017		
SC1-PM-20-2017: Development of new methods and measures for improved economic evaluation and efficiency measures in the health sector	11.04.2017		
<i>Health care provision and integrated care</i> SC1-HCO-03-2017: Implementing the Strategic Research Agenda on Personalised Medicine	11.04.2017		
SC1-HCO-07-2017: Global Alliance for Chronic Diseases (GACD)	11.04.2017		
SC1-HCO-08-2017: Actions to bridge the divide in European health research and innovation	11.04.2017		
SC1-HCO-17-2017: Support for large scale uptake of Digital Innovation for Active and Healthy Ageing	31.01.2017		
H2020-JTI-IMI2-2015-08-SINGLE-STAGE IMI2-2015-08: Ebola and other filoviral haemorrhagic fevers (Ebola+) programme: future outbreaks	16.03.2017 14.09.2017 15.03.2018		
H2020-JTI-IMI2-2015-09-TWO-STAGE IMI2-2016-10-01: Understanding hypoglycaemia: the underlying mechanisms and addressing clinical determinants as well as consequences for people with diabetes by combining databases from clinical trials		28.03.2017	14.09.2017
IMI2-2016-10-02: How Big Data could support better diagnosis and treatment outcomes for Prostate Cancer		28.03.2017	14.09.2017
IMI2-2016-10-03: Improving the care of patients suffering from acute or chronic pain		28.03.2017	14.09.2017
IMI2-2016-10-04: Creation of a pan-European Paediatric Clinical Trials Network		28.03.2017	14.09.2017
IMI2-2016-10-05: Biomanufacturing 2020: Development of Innovative high throughput analytical tools and methods to characterize cell culture fluid during development and commercial cell culture processes		28.03.2017	14.09.2017
IMI2-2016-10-06: Unlocking the Solute Carrier Gene-Family for Effective New Therapies (Unlock SLCs)		28.03.2017	14.09.2017
IMI2-2016-10-07: Patient perspectives in medicines lifecycle		28.03.2017	14.09.2017
IMI2-2016-10-08: Personalised medicine approaches in autism spectrum disorders		28.03.2017	14.09.2017
H2020-BIRTHDAYPRIZE-2016: HORIZON PRIZE - BIRTH DAY H2020-BirthDayPrize-2016: Horizon Prize - Birth Day	06.09.2017		
Challenge 2: Food security, sustainable agriculture and forestry, marine and maritime and inland water research			
H2020-BB-2016-2017: Bio-based innovation for sustainable goods and services - Supporting the development of a European Bioeconomy BB-02-2017: Towards a method for the collection of statistical data on bio-based industries and bio-based products		14.02.2017	13.09.2017
BB-03-2017: Adaptive tree breeding strategies and tools for forest production systems resilient to climate change and natural disturbances		14.02.2017	13.09.2017
H2020-RUR-2016-2017: Rural Renaissance - Fostering innovation and business opportunities <i>New approaches towards policies and governance</i> RUR-02-2017: Coastal-rural interactions: Enhancing synergies between land and sea-based activities		14.02.2017	13.09.2017
RUR-03-2017: Towards 2030 - policies and decision tools for an integrated management of natural resources		14.02.2017	13.09.2017
<i>New value chains and business models</i> RUR-09-2017: Business models for modern rural economies		14.02.2017	13.09.2017
<i>Innovation and skill development</i> RUR-13-2017: Building a future science and education system fit to deliver to practice		14.02.2017	13.09.2017
RUR-14-2016: Advisors' roles in the functioning of AKIS and advisory policies boosting innovation in sustainable agriculture		14.02.2017	13.09.2017
RUR-16-2017: Optimising interactive innovation project approaches and the delivery of EU policies to speed up innovation in rural areas		14.02.2017	13.09.2017
H2020-SFS-2016-2017: Sustainable Food Security - Resilient and resource-efficient value chains <i>More resilient and resource efficient value chains</i> SFS-07-2016-2017: Organic breeding – increasing the competitiveness of the organic breeding and farming sectors		14.02.2017	13.09.2017
SFS-08-2017: Organic inputs – contentious inputs in organic farming		14.02.2017	13.09.2017
SFS-10-2017: Research and approaches for emerging diseases in plants and terrestrial livestock		14.02.2017	13.09.2017
SFS-15-2016-2017: Breeding livestock for resilience and efficiency		14.02.2017	13.09.2017
SFS-16-2017: Bee health and sustainable pollination		14.02.2017	13.09.2017
SFS-17-2017: Innovations in plant protection		14.02.2017	13.09.2017
SFS-20-2017: Towards a science-based regionalisation of the Common Fisheries Policy		14.02.2017	13.09.2017
SFS-21-2016/2017: Advancing basic biological knowledge and improving management tools for commercially important fish and other seafood species		14.02.2017	13.09.2017

	Deadlines		
	1-stage proposals	2-stage proposals	
		1st stage	2nd stage
III. Societal Challenges			
Challenge 2: Food security, sustainable agriculture and forestry, marine and maritime and inland water research			
<i>Environment-smart and climate-smart primary production</i>			
SFS-27-2017: Permanent grassland – farming systems and policies		14.02.2017	13.09.2017
SFS-28-2017: Functional biodiversity – productivity gains through functional biodiversity: effective interplay of crop pollinators and pest predators		14.02.2017	13.09.2017
SFS-29-2017: Socio-eco-economics – socio-economics in ecological approaches		14.02.2017	13.09.2017
SFS-30-2017: Closing loops at farm and regional levels to mitigate GHG emissions and environmental contamination - focus on carbon, nitrogen and phosphorus cycling in agro-ecosystems		14.02.2017	13.09.2017
SFS-32-2017: Promoting and supporting the eco-intensification of aquaculture production systems: inland (including fresh water), coastal zone, and offshore		14.02.2017	13.09.2017
<i>A competitive food industry</i>			
SFS-34-2017: Innovative agri-food chains: unlocking the potential for competitiveness and sustainability		14.02.2017	13.09.2017
<i>Healthy and safe foods and diets for all</i>			
SFS-39-2017: How to tackle the childhood obesity epidemic?		14.02.2017	13.09.2017
SFS-40-2017: Sweeteners and sweetness enhancers		14.02.2017	13.09.2017
<i>Implementation of the EU-China FAB Flagship initiative</i>			
SFS-46-2017: Alternative production system to address anti-microbial drug usage, animal welfare and the impact on		14.02.2017	13.09.2017
SFS-47-2017: Management of soil water resources in the EU and China and its impact on agro-ecosystem functions		14.02.2017	13.09.2017
Challenge 3: Secure, clean and efficient energy			
H2020-LCE-2016-2017: CALL FOR COMPETITIVE LOW-CARBON ENERGY			
<i>Towards an integrated EU energy system</i>			
LCE-06-2017: New knowledge and technologies		29.11.2016	22.08.2017
<i>Renewable energy technologies</i>			
LCE-07-2016-2017: Developing the next generation technologies of renewable electricity and heating/cooling		29.11.2016	22.08.2017
<i>Demonstrating innovative renewable energy technologies</i>			
LCE-10-2017: Reducing the cost of PV electricity	07.09.2017		
LCE-11-2017: Near-to-market solutions for reducing the water consumption of CSP Plants	07.09.2017		
LCE-12-2017: Near-to-market solutions for the use of solar heat in industrial processes	07.09.2017		
LCE-14-2017: Demonstration of large >10MW wind turbine	07.09.2017		
LCE-16-2017: 2nd Generation of design tools for ocean energy devices and arrays development and deployment	07.09.2017		
LCE-17-2017: Easier to install and more efficient geothermal systems for retrofitting buildings	07.09.2017		
LCE-18-2017: EGS in different geological conditions	07.09.2017		
LCE-19-2016-2017: Demonstration of the most promising advanced biofuel pathways	07.09.2017		
LCE-20-2016-2017: Enabling pre-commercial production of advanced aviation biofuel	07.09.2017		
LCE-21-2017: Market uptake of renewable energy technologies	05.01.2017		
<i>Social, economic and human aspects of the energy system</i>			
LCE-31-2016-2017: Social Sciences and Humanities Support for the Energy Union		29.11.2016	22.08.2017
<i>Supporting the development of a European research area in the field of energy</i>			
LCE-35-2017: Joint Actions to foster innovative energy solutions in renewable energy technologies		29.11.2016	22.08.2017
<i>Cross-cutting issues</i>			
LCE-37-2017: ERA-NET Co-Fund Enhanced cooperation in Smart Local and Regional Energy Networks of the European Energy System		16.02.2017	07.09.2017
H2020-EE-2016-2017: ENERGY EFFICIENCY			
EE-02-2017: Improving the performance of inefficient district heating networks	07.06.2017		
<i>Engaging consumers towards sustainable energy</i>			
EE-06-2016-2017: Engaging private consumers towards sustainable energy	07.06.2017		
EE-09-2016-2017: Engaging and activating public authorities	07.06.2017		
<i>Buildings</i>			
EE-11-2016-2017: Overcoming market barriers and promoting deep renovation of buildings	07.06.2017		
EE-14-2016-2017: Construction skills	07.06.2017		
EE-15-2017: Increasing capacities for actual implementation of energy efficiency measures in industry and services	07.06.2017		
<i>Industry, services and products</i>			
EE-16-2016-2017: Effective implementation of EU product efficiency legislation	07.06.2017		
EE-18-2017: Energy efficiency of industrial parks through energy cooperation and mutualised energy services	07.06.2017		
EE-19-2017: Public Procurement of Innovative Solutions for energy efficiency	07.06.2017		
<i>Innovative financing for energy efficiency investments</i>			
EE-22-2016-2017: Project Development Assistance	07.06.2017		
EE-23-2017: Innovative financing schemes	07.06.2017		
EE-24-2016-2017: Making the energy efficiency market investible	07.06.2017		
H2020-LCE-PRIZES-2016-01: HORIZON PRIZE – LOW CARBON ENERGY INDUCEMENT PRIZES 2016 - LOW CARBON HOSPITAL			
LCE-Prize-RenewableHospital-01-2016: Horizon prize for a Combined Heat and Power (CHP) Installation in a hospital using 100% Renewable Energy Sources	03.04.2019		
H2020-LCE-PRIZES-2016-02: HORIZON PRIZE – LOW CARBON ENERGY INDUCEMENT PRIZES 2016 - PHOTOVOLTAICS MEETS HISTORY			
LCE-Prize-PhotovoltaicsHistory-01-2016: Horizon prize for Integrated Photovoltaic System in European Protected Historic Urban districts	26.09.2018		

	Deadlines	
	1-stage proposals	2-stage proposals 1st stage 2nd stage
III. Societal Challenges		
Challenge 3: Secure, clean and efficient energy		
H2020-LCE-PRIZES-2016-03: HORIZON PRIZE – LOW CARBON ENERGY INDUCEMENT PRIZES 2016 - CO2 REUSE LCE-Prize-CO2Reuse-01-2016: Horizon prize for CO2 reuse	03.04.2019	
H2020-JTI-FCH-2017-1: FCH2 JU CALL FOR PROPOSALS 2017		
FCH-01-1-2017: Development of fuel cell system technologies for achieving competitive solutions for aeronautical applications	20.04.2017	
FCH-01-2-2017: Towards next generation of PEMFC: Non-PGM catalysts	20.04.2017	
FCH-01-3-2017: Improvement of compressed storage systems in the perspective of high volume automotive	20.04.2017	
FCH-01-4-2017: Demonstration of FC material handling and industrial vehicles	20.04.2017	
FCH-01-5-2017: Large scale demonstration in preparation for a wider roll-out of fuel cell bus fleets (FCB) including new cities – Phase two	20.04.2017	
FCH-01-6-2017: Large scale demonstration of Hydrogen Refuelling Stations and Fuel Cell Electric Vehicle (FCEV) road vehicles operated in fleet(s)	20.04.2017	
FCH-01-7-2017: Validation of Fuel Cell Trucks for the Collect of Urban Wastes	20.04.2017	
FCH-02-1-2017: Game changer Water Electrolysers	20.04.2017	
FCH-02-10-2017: Transportable FC gensets for temporary power supply in urban applications	20.04.2017	
FCH-02-11-2017: Validation and demonstration of commercial-scale fuel cell core systems within a power range of 10-100kW for selected markets/applications	20.04.2017	
FCH-02-12-2017: Demonstration of fuel cell-based energy storage solutions for isolated micro-grid or off-grid remote	20.04.2017	
FCH-02-2-2017: Game changer High Temperature Steam Electrolysers	20.04.2017	
FCH-02-3-2017: Reversible Solid Oxide Electrolyser (rSOC) for resilient energy systems	20.04.2017	
FCH-02-4-2017: Highly flexible electrolysers balancing the energy output inside the fence of a wind park	20.04.2017	
FCH-02-5-2017: Demonstration of large electrolysers for bulk renewable hydrogen production	20.04.2017	
FCH-02-6-2017: Liquid organic hydrogen carrier	20.04.2017	
FCH-02-7-2017: Development of flexible large fuel cell power plants for grid support	20.04.2017	
FCH-02-8-2017: Step-change in manufacturing of Fuel Cell Stack Components	20.04.2017	
CH-02-9-2017: Development of next-generation SOFC stack for small stationary applications	20.04.2017	
FCH-04-1-2017: Limiting the impact of contaminants originating from the hydrogen supply chain	20.04.2017	
FCH-04-2-2017: Harmonisation of hydrogen gas trailers	20.04.2017	
FCH-04-3-2017: European Higher Training Network in Fuel Cells and Hydrogen	20.04.2017	
FCH-04-4-2017: PNR for a safe use of liquid hydrogen	20.04.2017	
FCH-04-5-2017: Definition of Accelerated Stress Testing (AST) protocols deduced from understanding of degradation mechanisms of aged stack components in Fuel Cell systems	20.04.2017	
Challenge 4: Smart, green and integrated transport		
H2020-MG-2016-2017: MOBILITY FOR GROWTH		
AVIATION		
MG-1.2-2017: Reducing aviation noise		26.01.2017
MG-1.3-2017: Maintaining industrial leadership in aeronautics		26.01.2017
MG-1.4-2016-2017: Breakthrough innovation		26.01.2017
H2020-MG-2016-2017: MOBILITY FOR GROWTH		
WATERBORNE		
MG-2.1-2017: Innovations for energy efficiency and emission control in waterborne transport		26.01.2017
MG-2.4-2017: Complex and value-added specialised vessels		26.01.2017
SAFETY		
MG-3.2-2017: Protection of all road users in crashes		26.01.2017
URBAN MOBILITY		
MG-4.1-2017: Increasing the take up and scale-up of innovative solutions to achieve sustainable mobility in urban areas		26.01.2017
MG-4.2-2017: Supporting 'smart electric mobility' in cities		26.01.2017
LOGISTICS		
MG-5.2-2017: Innovative ICT solutions for future logistics operations		26.01.2017
INFRASTRUCTURE		
MG-7.1-2017: Resilience to extreme (natural and man-made) events		26.01.2017
MG-7.2-2017: Optimisation of transport infrastructure including terminals		26.01.2017
SOCIO-ECONOMIC AND BEHAVIOURAL RESEARCH AND FORWARD LOOKING ACTIVITIES FOR POLICY MAKING		
H2020-ART-2016-2017: Automated Road Transport		
ART-01-2017: ICT infrastructure to enable the transition towards road transport automation		26.01.2017
ART-03-2017: Multi-Brand platooning in real traffic conditions		26.01.2017
ART-07-2017: Full-scale demonstration of urban road transport automation		26.01.2017
H2020-FUTUREENGINEPRIZE-2016: HORIZON PRIZE - CLEANEST ENGINE OF THE FUTURE H2020-FutureEnginePrize-2016: FutureEnginePrize-01-2016	20.08.2019	
H2020-ENGINERETROFITPRIZE-2016: HORIZON PRIZE - ENGINE RETROFIT FOR CLEAN AIR H2020-EngineRetrofitPrize-2016: EngineRetrofitPrize-01-2016	12.09.2017	

	Deadlines		
	1-stage proposals	2-stage proposals	
		1st stage	2nd stage
III. Societal Challenges			
Challenge 4: Smart, green and integrated transport			
H2020-CS2-CFP05-2016-03: CLEAN SKY 2 CALL FOR PROPOSALS 05			
JTI-CS2-2016-CFP05-TE2-01-01: Airport Level Assessment (Fixed-wing)	09.03.2017		
JTI-CS2-2016-CFP05-TE2-01-02: Airport and ATS Level Assessment (Rotorcraft)	09.03.2017		
JTI-CS2-2016-CFP05-TE2-01-03: ATS Level business jet 2035 forecast	09.03.2017		
JTI-CS2-2016-CFP05-TE2-01-04: ATS Level Rotorcraft 2035 forecast	09.03.2017		
JTI-CS2-2016-CFP05-TE2-01-05: ATS Level SAT 2035 forecast	09.03.2017		
H2020-S2RJU-2017: SHIFT2RAIL JU CALL FOR PROPOSALS 2017	30.03.2017		
S2R-CFM-CCA-01-2017: Improving railway services for users and operators	30.03.2017		
S2R-CFM-IP1-01-2017: Development of new technological concepts towards the next generation of rolling stock, applied to major subsystems such as Carbody, Running Gear, Brakes, Doors and Modular interiors	30.03.2017		
S2R-CFM-IP2-01-2017: Enhancing railway signalling systems thanks to applying satellite positioning; developing an on-board safe Train Integrity; applying formal methods approach and standardised interfaces, and enhancing Traffic Management System (TMS) functions	30.03.2017		
S2R-CFM-IP3-01-2017: Smart system energy management solutions and future station solutions	30.03.2017		
S2R-CFM-IP4-01-2017: Technical framework for attractive railway services	30.03.2017		
S2R-CFM-IP4-02-2017: IP4 overall integration and demonstration	30.03.2017		
S2R-CFM-IP5-01-2017: Real-time information applications and energy efficient solutions for rail freight	30.03.2017		
S2R-OC-CCA-01-2017: Smart maintenance and human capital	30.03.2017		
S2R-OC-IP1-01-2017: Innovative materials & modular design for rolling stock applications	30.03.2017		
S2R-OC-IP1-02-2017: Tools, methodologies and technological development of the next generation of Running Gear	30.03.2017		
S2R-OC-IP2-01-2017: Operational conditions of the signalling and automation systems; signalling system hazard analysis and GNSS SIS characterization along with Formal Method application in railway field	30.03.2017		
S2R-OC-IP2-02-2017: Energy harvesting methodologies for trackside and on-board signalling and communication devices. Adaptation of already existing technologies for developing a purely on-board Train Integrity	30.03.2017		
S2R-OC-IP3-01-2017: Smart metering and asset management of railway systems	30.03.2017		
S2R-OC-IP3-02-2017: Future stations and accessibility (IP1 and IP3)	30.03.2017		
S2R-OC-IP3-03-2017: Satellite and autonomous monitoring systems' solution	30.03.2017		
S2R-OC-IP4-01-2017: Smart technologies for improved travel companion and trip tracking	30.03.2017		
S2R-OC-IP5-01-2017: Real-time yard and network management	30.03.2017		
Challenge 5: Climate action, environment, resource efficiency and raw materials			
H2020-SC5-2016-2017: Greening the Economy			
<i>Climate services</i>			
SC5-01-2016-2017: Exploiting the added value of climate services	07.03.2017		
SC5-02-2017: Integrated European regional modelling and climate prediction system	07.03.2017		
SC5-04-2017: Towards a robust and comprehensive greenhouse gas verification system	07.03.2017		
<i>Towards a low-carbon Europe</i>			
SC5-06-2016-2017: Pathways towards the decarbonisation and resilience of the European economy in the timeframe 2030-2050 and beyond	07.03.2017		
SC5-07-2017: Coordinating and supporting research and innovation actions on the decarbonisation of the EU economy	07.03.2017		
SC5-08-2017: Large-scale demonstrators on nature-based solutions for hydro-meteorological risk reduction	07.03.2017	07.03.2017	05.09.2017
<i>Raw materials</i>			
SC5-13-2016-2017: New solutions for sustainable production of raw materials	07.03.2017		
SC5-14-2016-2017: Raw materials Innovation actions		07.03.2017	05.09.2017
SC5-15-2016-2017: Raw materials policy support actions	07.03.2017		
SC5-16-2016-2017: Raw materials international co-operation	07.03.2017		
SC5-18-2017: Novel in-situ observation systems	07.03.2017		
SC5-19-2017: Coordination of citizens' observatories initiatives	07.03.2017		
<i>Cultural heritage for sustainable growth</i>			
SC5-21-2016-2017: Cultural heritage as a driver for sustainable growth		07.03.2017	05.09.2017
SC5-22-2017: Innovative financing, business and governance models for adaptive re-use of cultural heritage	07.03.2017		
<i>Support to policy and preparing for innovation procurement</i>			
SC5-26-2017: Pre-commercial procurement on soil decontamination	07.03.2017		
SC5-30-2017: ERA-NET on Climate Services Roadmap: Cross-sector impact assessments (evaluation, comparison and integration)	07.03.2017		
SC5-31-2017: Widening international cooperation activities on climate adaptation and mitigation	07.03.2017		
SC5-32-2017: Biodiversity scenarios	07.03.2017		
SC5-33-2017: Closing the water gap	07.03.2017		
III. Societal Challenges			
Challenge 6: Europe in a changing world - inclusive, innovative and reflective Societies			
H2020-SC6-CULT-COOP-2016-2017: UNDERSTANDING EUROPE - PROMOTING THE EUROPEAN PUBLIC AND CULTURAL			
CULT-COOP-01-2017: Democratic discourses and the rule of law		02.02.2017	13.09.2017
CULT-COOP-02-2017: Improving mutual understanding among Europeans by working through troubled pasts		02.02.2017	13.09.2017
CULT-COOP-03-2017: Cultural literacy of young generations in Europe		02.02.2017	13.09.2017

	Deadlines		
	1-stage proposals	2-stage proposals 1st stage	2nd stage
III. Societal Challenges			
Challenge 6: Europe in a changing world - inclusive, innovative and reflective Societies			
CULT-COOP-04-2017: Contemporary histories of Europe in artistic and creative practices	02.02.2017	02.02.2017	13.09.2017
CULT-COOP-05-2017: Religious diversity in Europe - past, present and future		02.02.2017	13.09.2017
CULT-COOP-06-2017: Participatory approaches and social innovation in culture		02.02.2017	13.09.2017
CULT-COOP-07-2017: Cultural heritage of European coastal and maritime regions		02.02.2017	13.09.2017
CULT-COOP-09-2017: European cultural heritage, access and analysis for a richer interpretation of the past.		02.02.2017	13.09.2017
CULT-COOP-11-2016-2017: Understanding the transformation of European public administrations		02.02.2017	13.09.2017
Challenge 7: Secure societies - Protecting freedom and security of Europe and its citizens			
H2020-CIP-2016-2017: Critical Infrastructure Protection			
CIP-01-2016-2017: Prevention, detection, response and mitigation of the combination of physical and cyber threats to the critical infrastructure of Europe.	24.08.2017		
H2020-SEC-2016-2017: Security			
<i>Disaster-resilience: safeguarding and securing society</i>			
SEC-04-DRS-2017: Broadband communication systems	24.08.2017		
SEC-05-DRS-2016-2017: Chemical, biological, radiological and nuclear (CBRN) cluster	24.08.2017		
<i>Fight against crime and Terrorism</i>			
SEC-07-FCT-2016-2017: Human Factor for the Prevention, Investigation, and Mitigation of criminal and terrorist acts	24.08.2017		
SEC-09-FCT-2017: Toolkits integrating tools and techniques for forensic laboratories	24.08.2017		
SEC-10-FCT-2017: Integration of detection capabilities and data fusion with utility providers' networks	24.08.2017		
SEC-12-FCT-2016-2017: Technologies for prevention, investigation, and mitigation in the context of fight against crime and terrorism	25.08.2017		
SEC-13-BES-2017: Next generation of information systems to support EU external policies	24.08.2017		
<i>Border Security and External Security</i>			
SEC-15-BES-2017: Risk-based screening at border crossing	24.08.2017		
SEC-16-BES-2017: Through-foliage detection, including in the outermost regions of the EU	24.08.2017		
SEC-17-BES-2017: Architectures and organizations, big data and data analytics for customs risk management of the international goods supply chain trade movements	24.08.2017		
SEC-18-BES-2017: Acceptance of "no gate crossing point solutions	24.08.2017		
<i>General Matters</i>			
SEC-21-GM-2016-2017: Pan European Networks of practitioners and other actors in the field of security	24.08.2017		
H2020-DS-2016-2017: Digital Security Focus Area			
DS-06-2017: Cybersecurity PPP: Cryptography	25.04.2017		
DS-07-2017: Cybersecurity PPP: Addressing Advanced Cyber Security Threats and Threat Actors	24.08.2017		
DS-08-2017: Cybersecurity PPP: Privacy, Data Protection, Digital Identities	24.08.2017		
Cross-cutting Activities (Focus Areas)			
H2020-SCC-2016/2017: SMART AND SUSTAINABLE CITIES			
SCC-1-2016-2017: Smart Cities and Communities lighthouse projects	14.02.2017		
SCC-02-2016-2017: Demonstrating innovative nature-based solutions in cities		07.03.2017	05.09.2017
IV. Spreading Excellence and Widening Participation			
H2020-WIDESPREAD-2016-2017: WIDESPREAD			
WIDESPREAD-03-2017: ERA Chairs	05.10.2017		
WIDESPREAD-05-2017: Twinning	15.11.2017		
V. Science with and for Society			
H2020-SwafS-2016-17: SCIENCE WITH AND FOR SOCIETY			
SwafS-03-2016-2017: Support to research organisations to implement gender equality plans	30.08.2016		
SwafS-05-2017: New constellations of Changing Institutions and Actors	30.08.2017		
SwafS-06-2017: Engaging industry – Champions for RRI in Industrial Sectors	30.08.2017		
SwafS-08-2017: European Community of Practice to support institutional change	30.08.2017		
SwafS-10-2017: Putting Open Science into action	30.08.2017		
SwafS-11-2017: Science education outside the classroom	30.08.2017		
SwafS-12-2017: Webs of Innovation Value Chains and Openings for RRI	30.08.2017		
SwafS-13-2017: Integrating Society in Science and Innovation – An approach to co-creation	30.08.2017		
SwafS-14-2017: A Linked-up Global World of RRI	30.08.2017		
SwafS-21-2017: Promoting integrity in the use of research results in evidence based policy: a focus on non-medical research	30.08.2017		
SwafS-22-2017: The ethical dimensions of IT technologies: a European perspective focusing on security and human rights aspects	30.08.2017		
SwafS-23-2017: Responsible Research and Innovation (RRI) in support of sustainability and governance, taking account of the international context	30.08.2017		
SwafS-24-2017: Trans-national operation of the EURAXESS Service network	30.08.2017		
SwafS-25-2016: Celebrating European Science	30.08.2017		
SwafS-26-2017: Science4Refugees - Support to highly skilled refugee scientists	30.08.2017		
SwafS-27-2017: Implementing a European Train-the-trainers initiative with regard to Ethics and Research Integrity	30.08.2017		