

HORIZON 2020 CALLS - relevant for TOPSECTOR WATER - 2017

Clusters Deltatechnology (DT), Watertechnology (WT) and Maritime (MAR)

 = demonstration/pilot project

H2020 code	Name topic	Type of projects	Deadline	Clusters		
				DT	WT	MAR
Pillar 2 Horizon 2020: Industrial Leadership						
LEIT WP ICT (information and communication technologies) 2016-2017						
Future Internet						
ICT-11-2017	Collective awareness platforms for sustainability and Social Innovation	IA	25-4-2017	X	X	
ICT-11-2017	Collective awareness platforms for sustainability and Social Innovation	CSA	25-4-2017	X	X	
Content						
ICT-15-2017	Big data PPP: Large scale pilot actions in sectors best benefitting from data-driven innovations	IA	25-4-2017	X		
International Co-operation Activities						
ICT-39-2017	International partnership building in low and middle income countries in sub saharan Africa and ASEAN countries	IA	25-4-2017	X	X	
EU - Brazil Joint calls						
EUB-2-2017	IoT pilots on: environmental monitoring; utilities: smart water management; utilities: energy management at home and in buildings; smart manufacturing customisation	RIA	17-3-2017	X	X	
LEIT WP Nanotechnologies, advanced materials, advance manufacturing and processing, biotechnology 2016-2017						
Energy-efficient buildings						
EEB-06-2017	Highly efficient hybrid storage solutions for power and heat in residential buildings and district areas, balancing the supply and demand conditions	RIA	19-1-2017		X	
LEIT WP Space 2016-2017						
Earth observation						
EO-01	Downstream applications	IA	1-3-2017	X	X	X
Innovation in Small and medium sized enterprises (SMEs)						
SMEInst-07	Stimulating the innovation potential of SMEs for sustainable and competitive agriculture, forestry, agri-food and bio-based sector	SME	15/02 03/05 06/09 08/11	X	X	
SMEInst-08	Supporting SMEs efforts for the development - deployment and market replication of innovative solutions for blue growth	SME	15/02 03/05 06/09 08/11		X	
SMEInst-11	Boosting the potential of small businesses in the areas of climate action, environment, resource efficiency and raw materials	SME	15/02 03/05 06/09 08/11	X	X	X
SMEInst-13	Engaging SMEs in security research and development	SME	15/02 03/05 06/09 08/11	X	X	
Pillar 3 Horizon 2020: Societal Challenges (SC)						
SC2 WP Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy 2016-2017						

More resilient and resource-efficient value chains						
SFS-05-2017	Robotics Advances for Precision Farming	RIA	14-2-2017	X	X	
SFS-21-2017	Advancing basic biological knowledge and improving management tools for commercially important fish and other seafood species - in the North East Atlantic area	RIA	14-2-2017	X		
SFS-22-2017	Smart fishing technologies for an efficient, compliant and environmentally friendly fishing sector	RIA	14-2-2017			X
Environment-smart and climate-smart primary production						
SFS-27-2017	Permanent grassland - farming systems and policies	RIA	14-2-2017	X	X	
SFS-28-2017	Functional biodiversity - productivity gains through functional biodiversity: effective interplay of crop pollinators and pest predators	RIA	14-2-2017	X	X	
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 agrosystems	RIA	14-2-2017	X	X	
SFS-32-2017	Promoting and supporting eco-intensification of aquaculture production systems: inland (including fresh water), coastal zone and offshore	RIA	14-2-2017	X	X	X
Support to the implementation of the EU-Africa partnership on food and nutrition security and sustainable agriculture						
SFS-43-2017	Earth observation services for the monitoring of agricultural production in Africa	RIA	14-2-2017	X	X	
Implementation of the EU-China flagship initiative						
SFS-47-2017	Management of soil water resources in the EU and China and its impact on agro-ecosystem functions	RIA	14-2-2017	X	X	
SFS-48-2017	Resource efficient urban agriculture for multiple benefits - contribution to EU - China Urbanisation partnership	IA	14-2-2017	X	X	
Blue growth						
BG-04-2017	Multi-use of the oceans' marine space, offshore and near-shore: enabling technologies	IA	14-2-2017			X
BG-07-2017	Blue green innovation for clean coasts and seas	IA	14-2-2017	X	X	X
BG-08-2017	Innovative sustainable solutions for improving the safety and dietary properties of seafood	IA	14-2-2017			X
Rural renaissance						
RUR-02-2017	Coastal-rural interactions: Enhancing synergies between land and sea based activities	RIA	14-2-2017	X		
New value chains and business models						
RUR-09-2017	Business models for modern rural economies	RIA	14-2-2017	X	X	
RUR-10-2017	Thematic networks compiling knowledge ready for practice	CSA	14-2-2017	X	X	
RUR-12-2017	Networking European farms to boost thematic knowledge exchanges and close the innovation gap	CSA	14-2-2017	X	X	
SC3 - WP Secure, Clean and Efficient Energy						
Heating and cooling						
EE-01-2017	Waste heat recovery from urban facilities and re-use to increase energy efficiency of district or individual heating and cooling systems	IA	17-1-2017	X	X	

Renewable energy technologies							
	LCE-07-2017	Developing the next generation technologies of renewable electricity and heating/cooling	RIA	5-1-2017		X	X
	LCE-11-2017	Near-to-market solutions for reducing the water consumption of CSP plants	IA	7-9-2017		X	
	LCE-16-2017	2nd generation of design tools for ocean energy devices and arrays development and deployment	IA	7-9-2017		X	X
Enabling the decarbonisation of the use of fossil fuels during the transition to a low-carbon economy							
	LCE-27-2017	Measuring, monitoring and controlling the risks of Carbon Capture Storage, Enhanced Geothermal Systems and unconventional hydrocarbons in the subsurface	RIA	5-1-2017	X	X	
SC 4 - WP Smart, green and integrated transport 2016-2017							
Waterborne							
	MG-2.1-2017	Innovations for energy efficiency and emission control in waterborne transport	IA	26-1-2017			X
	MG-2.4-2017	Complex and value-added specialised vessels	IA	26-1-2017			X
Infrastructure							
	MG-7.1	Resilience to extreme (natural and man-made) events	RIA	26-1-2017	X	X	X
	MG-7.3	Ports of the Future	RIA	26-1-2017	X		X
Socio-economic and behavioural research and forward looking activities for policy making							
	MG-8.2	Big data in transport: research opportunities, challenges and limitations	CSA	1-2-2017	X	X	X
SC 5 - WP Climate action, environment, resource efficiency and raw materials 2016-2017							
Climate services							
	SC5-01-2017	Exploiting the added value of climate services: b) from climate services concepts to piloting and proof-of-concept	RIA	7-3-2017	X	X	
	SC5-02-2017	Integrated European regional modelling and climate prediction system	RIA	7-3-2017	X	X	
	SC5-30-2017	ERA-NET on Climate Services Roadmap: Cross-sector impact assessments (evaluation, comparison and integration)	ERA-net cofund	7-3-2017	X	X	
	SC5-31-2017	Widening international co-operation activities on climate adaptation and mitigation	CSA	7-3-2017	X	X	
Towards a low carbon Europe							
	SC5-06c-2017	Pathways towards the decarbonisation and resilience of the European economy in the timeframe 2030-2050 and beyond c)The risks and costs of climate change for Europe	RIA	7-3-2017	X	X	
Nature-based solutions for territorial resilience							
	SC5-08-2017	Large-scale demonstrators on nature-based solutions for hydro-meteorological risk reduction	IA	7-3-2017	X	X	
	SC5-32-2017	Biodiversity scenarios	ERA-net cofund	7-3-2017	X	X	
Water							
	SC5-33-2017	Closing the water gap	ERA-net cofund	7-3-2017	X	X	X
Earth observation							
	SC5-18-2017	Novel in-situ observation systems	RIA	7-3-2017	X	X	

	SC5-19-2017	Co-ordination of citizens' observatories initiatives	CSA	7-3-2017	X	X	
SC 6 - WP Europe in a changing world - Inclusive, Innovative and reflective societies							
Engaging together globally							
	ENG-GLOBALLY8	EU-China co-operation on sustainable urbanisation a) cultural and socio-economic aspects of urban issues in China	RIA	2-2-2017	X		
Understanding Europe - promoting the European public and cultural space							
	CULT-COOP-7	Cultural heritage of European coastal and maritime regions	RIA	2-2-2017	X		
SC7- WP Secure societies - protecting freedom and security of Europe and its citizens 2016-2017							
Call- Critical infrastructure protection							
	CIP1-2017	Prevention, detection, response, mitigation of the combination of physical and cyber threats to the critical infrastructures of Europe	IA	24-8-2017	X	X	
WP Cross-cutting activities (focus areas) 2016-2017							
Factories of the future							
	FoF-07	Integration of unconventional technologies for multi-material processing into manufacturing systems	RIA	19-1-2017			X
	FoF-12	ICT Innovation for Manufacturing SMEs	IA	19-1-2017		X	X
Sustainable process industries							
	SPIRE 07-2017	Integrated approach to process optimisation for raw material resources efficiency, excluding recovery technologies of waste streams	RIA	19-1-2017	X	X	
	SPIRE 12-2017	Assessment of standardization needs and ways to overcome regulatory bottlenecks in the process industry	CSA	19-1-2017	X	X	
Circular Economy							
	CIRC-01-2017	Systemic, eco-innovative approaches for circular economy: large-scale demonstration projects b) Systemic services for a circular economy	IA	7-3-2017	X	X	X
	CIRC-02-2017	Water in the context of the circular economy b) Towards the next generation of water systems and services- large scale demonstration projects	IA	7-3-2017	X	X	X
Smart and sustainable cities							
	SCC-01-2017	Smart cities and communities lighthouse projects	IA	14-2-2017	X	X	
	SCC-02-2017	Demonstrating innovative nature-based solutions in cities b) nature-based solutions for inclusive urban regeneration (including regeneration of deprived districts and neglected or abandoned areas)	IA	7-3-2017	X	X	

Contactgegevens Horizon 2020 adviseurs: <http://www.rvo.nl/subsidies-regelingen/horizon-2020/hoe-kunnen-wij-u-helpen/advies>

Dit document is samengesteld in kader van Europa Werkgroep Topsector Water, Corinne van Voorden, corinne.vanvoorden@rvo.nl

Informatie Horizon 2020: <http://www.rvo.nl/subsidies-regelingen/horizon-2020>

Secretariaat Team International Research and Innovation Co-operation (IRIS) RVO: 0886024210