



HORIZONTE 2020 - Programa de Trabalhos 2016-2017 do Desafio Societal 2 (DS2): “Segurança alimentar, agricultura e silvicultura sustentáveis, investigação marinha, marítima e de águas interiores e a bioeconomia” – Tópicos 2017 [†]

Referência tópico	Título	Fases	Tipo de projeto	M€ por projeto [†]	Orçamento disponível (M€)	Deadline			
SUSTAINABLE FOOD SECURITY – RESILIENT AND RESOURCE-EFFICIENT VALUE CHAINS (Call H2020-SFS-2016-2017)									
SFS-04-2017	New partnerships and tools to enhance European capacities for in-situ conservation	1	CSA	2	2	14-02-2017			
SFS-05-2017	Robotics Advances for Precision Farming		RIA	2 a 4	7				
SFS-13-2017	Validation of diagnostic tools for animal and plant health		IA	3	6				
SFS-18-2017	Support to the development and implementation of FOOD 2030 – a European research and innovation policy framework for food and nutrition security		CSA	4	4				
SFS-22-2017	Smart fisheries technologies for an efficient, compliant and environmentally friendly fishing sector		IA	6	6				
SFS-35-2017	Innovative solutions for sustainable food packaging		IA	6	12				
SFS-43-2017	Earth observation services for the monitoring of agricultural production in Africa		RIA	10	10				
SFS-48-2017	Resource-efficient urban agriculture for multiple benefits – contribution to the EU-China Urbanisation Partnership		IA	7	7				
SFS-49-2017	Better understanding the challenges facing agriculture and the impacts of policies – A European platform to support modelling in agriculture		CSA	1	1				
SFS-50-2017	Supporting international cooperation activities on agriculture soil contribution to climate change mitigation and adaptation		CSA	2,5	2,5				
SFS-07-2016-2017	Organic breeding – Increasing the competitiveness of the organic breeding and farming sectors	2	RIA	6	12	14-02-2017*			
SFS-08-2017	Organic inputs – contentious inputs in organic farming			4	8				
SFS-10-2017	Research and approaches for emerging diseases in plants and terrestrial livestock			5	15				
SFS-15-2016-2017	Breeding livestock for resilience and efficiency			7	7				
SFS-16-2017	Bee health and sustainable pollination			9	9				
SFS-17-2017	Innovations in plant protection			3	10				
SFS-20-2017	Towards a science-based regionalisation of the Common Fisheries Policy			6	6				
SFS-21-2016-2017	Advancing basic biological knowledge and improving management tools for commercially important fish and other seafood species			5	5				
SFS-27-2017	Permanent grassland – farming systems and policies			10	10				
SFS-28-2017	Functional biodiversity – productivity gains through functional biodiversity: effective interplay of crop pollinators and pest predators			10	10				
SFS-29-2017	Socio-eco-economics – socio-economics in ecological approaches			5	5				
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			7	14				
SFS-32-2017	Promoting and supporting the eco-intensification of aquaculture production systems: inland (including fresh water), coastal zone, and offshore			6	12				
SFS-34-2017	Innovative agri-food chains: unlocking the potential for competitiveness and sustainability			6	6				
SFS-39-2017	How to tackle the childhood obesity epidemic?			10	20				
SFS-40-2017	Sweeteners and sweetness enhancers			9	9				
SFS-46-2017	Alternative production system to address anti-microbial drug usage, animal welfare and the impact on health			5	5				
SFS-47-2017	Management of soil water resources in the EU and China and its impact on agro-ecosystem functions			5	5				
BLUE GROWTH - DEMONSTRATING AN OCEAN OF OPPORTUNITIES (Call H2020-BG-2016-2017)									
BG-02-2016-2017	High value-added specialised vessel concepts enabling more efficient servicing of emerging coastal and offshore activities			1	IA		8	8	14-02-2017
BG-04-2017	Multi-use of the oceans marine space, offshore and near-shore: Enabling technologies	IA	8		8				
BG-06-2017	Interaction between people, oceans and seas: a strategic approach towards healthcare and well-being	CSA	2		2				
BG-07-2017	Blue green innovation for clean coasts and seas	IA	6		12				
BG-08-2017	Innovative sustainable solutions for improving the safety and dietary properties of seafood	IA	7		7				
BG-11-2017	The effect of climate change on Arctic permafrost and its socio-economic impact, with a focus on coastal areas	RIA	10		10				
BG-14-2017	Monitoring and assessing fish stocks, other pelagic species and habitats with an automated, non-invasive, opto-acoustic system	IA	1,4		1,4				

[†] A contribuição da UE por projeto é apenas indicativa, o que não impede a avaliação e seleção de projetos com outros montantes.

* Concurso em 2 fases: apenas as propostas que atinjam a classificação mínima na 1ª fase (Excelência: min 4; Impacto: min 4) poderão submeter à 2ª fase (deadline: 13-09-2017)



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RURAL RENAISSANCE - FOSTERING INNOVATION AND BUSINESS OPPORTUNITIES (Call H2020-RUR-2016-2017)						
RUR-05-2017	Novel public policies, business models and mechanisms for the sustainable supply of and payment for forest ecosystem services	1	IA	4	8	14-02-2017
RUR-10-2016-2017	Thematic Networks compiling knowledge ready for practice		CSA	2	10	
RUR-12-2017	Networking European farms to boost thematic knowledge exchanges and close the innovation gap		CSA	7	7	
RUR-15-2017	The benefits of working with others – fostering social capital in the farming sector		CSA	3	3	
RUR-02-2017	Coastal-rural interactions: Enhancing synergies between land and sea-based activities	2	RIA	5	5	14-02-2017*
RUR-03-2017	Towards 2030 - policies and decision tools for an integrated management of natural resources			7	7	
RUR-09-2017	Business models for modern rural economies			4,5	9	
RUR-13-2017	Building a future science and education system fit to deliver to practice			7	7	
RUR-16-2017	Optimising interactive innovation project approaches and the delivery of EU policies to speed up innovation in rural areas			5	5	
BIO-BASED INNOVATION FOR SUSTAINABLE GOODS AND SERVICES - SUPPORTING THE DEVELOPMENT OF A EUROPEAN BIOECONOMY (Call H2020-BB-2016-2017)						
BB-05-2017	Bio-based products: Mobilisation and mutual learning action plan	1	CSA	3	3	14-02-2017
BB-07-2017	Plant Molecular Factory		IA	9	9,07	
BB-08-2017	Strategies for improving the bioeconomy knowledge of the general public		CSA	2	2,4	
BB-02-2017	Towards a method for the collection of statistical data on bio-based industries and bio-based products	2	RIA	6	6	14-02-2017*
BB-03-2017	Adaptive tree breeding strategies and tools for forest production systems resilient to climate change and natural disturbances			6	6	

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HORIZON 2020 DEDICATED SME INSTRUMENT (Call H2020-SMEInst-2016-2017)						
SMEInst-07-2016-2017	Stimulating the innovation potential of SMEs for sustainable and competitive agriculture, forestry, agri-food and bio-based sectors	1	SME-PHASE 1	0,05	2,5	07-09-2016; 09-11-2016; 15-02-2017; 03-05-2017; 06-09-2017; 08-11-2017
			SME-PHASE 2	0,5 a 2,5	23	13-10-2016; 18-01-2017; 06-04-2017; 01-06-2017; 18-10-2017
SMEInst-08-2016-2017	Supporting SMEs efforts for the development - deployment and market replication of innovative solutions for blue growth	1	SME-PHASE 1	0,05	2,5	07-09-2016; 09-11-2016; 15-02-2017; 03-05-2017; 06-09-2017; 08-11-2017
			SME-PHASE 2	0,5 a 2,5	23	13-10-2016; 18-01-2017; 06-04-2017; 01-06-2017; 18-10-2017

RIA - Research and Innovation Action (financiamento: 100%); Action primarily consisting of activities aiming to establish new knowledge and/or to explore the feasibility of a new or improved technology, product, process, service or solution. For this purpose they may include basic and applied research, technology development and integration, testing and validation on a small-scale prototype in a laboratory or simulated environment.

IA – Innovation Action (70% dos custos diretos elegíveis, com exceção das entidades sem fins lucrativos que podem ser reembolsadas a 100%); Action primarily consisting of activities directly aiming at producing plans and arrangements or designs for new, altered or improved products, processes or services. For this purpose they may include prototyping, testing, demonstrating, piloting, large-scale product validation and market replication.

CSA - Coordination and Support Action (financiamento: 100%); Actions consisting primarily of accompanying measures such as standardisation, dissemination, awareness-raising and communication, networking, coordination or support services, policy dialogues and mutual learning exercises and studies, including design studies for new infrastructure and may also include complementary activities of strategic planning, networking and coordination between programmes in different countries.

SME instrument (financiamento: 70%) Addresses the financial needs of internationally oriented SMEs, in implementing high-risk and high-potential innovation ideas. It aims at supporting projects with a European dimension that lead to radical changes in how business (product, processes, services, marketing, etc) is done.