
Food security, sustainable agriculture and forestry, marine, maritime and inland water research and the bioeconomy (SC2) - Calls 2019-2020

The Societal Challenge 2 (SC2) Work Programme for 2018-2020 responds to some of the key challenges our planet is facing for the years to come: adapting to and mitigating climate change, ensuring food security, safeguarding the natural resource base, promoting alternatives to fossil-based economies and sustainably using marine resources while protecting the oceans. The solutions arising from SC2 activities are expected to deliver significant economic, environmental and social benefits.

The Work Programme focuses on five priorities: (1) Addressing climate change and resilience on land and sea, (2) Making the transition towards a circular bioeconomy, (3) Fostering functional ecosystems, sustainable food systems and healthy lifestyles, (4) Boosting major innovations on land and sea – new products, value chains and markets and (5) Developing smart, connected territories and value chains in rural and coastal areas.

Open science approaches and international cooperation will be encouraged, maximising the benefits of collaboration with regions outside the EU in particular in view of solving common problems and meeting international commitments.

2019 call openings and deadlines

- Calls are implemented both in single-stage and two-stage procedure
- Opening of the Calls: 16 Oct 2018
- Deadlines; one-stage calls: 23 Jan 2019
two-stage calls: 1st stage 23 Jan 2019 / 2nd stage 4 Sep 2019

Final information about 2020 calls, budgets and timetables will be published in the summer 2019.

Conditions and funding instruments (type of Actions)

A consortium generally needs to include a minimum of three independent participants from three different EU Members States or Associated Countries. The participation of third countries and international organisations is welcome and possible subject to conditions laid out in the Work Programme.

Online Sources of Information:

- European Commission's H2020 pages: <http://ec.europa.eu/research/horizon2020>
- European Commission Participant Portal: ec.europa.eu/research/participants/portal/
- EU Research and Innovation Programmes EUTI: www.Horisontti2020.fi

Contact Information:

Heini Günther, National Contact Point
Business Finland Oy
tel. +358 2950 55214
heini.gunther@tekes.fi

Jaana Lehtimäki, National Contact Point
Suomen Akatemia
tel. +358 2953 35060
jaana.lehtimaki@aka.fi

2019-2020 calls: RIA = Research and Innovation Action, IA = Innovation Action, CSA = Coordination and Support Action

CALL SUSTAINABLE FOOD SECURITY	2019 Budget	
	M€	Σ
<i>From functional ecosystems to healthy food</i>		
SFS-01-2019-2020: Biodiversity in action: across farmland and the value chain (RIA, two-stage) (A) Small organisms, big effects for plants - Belowground biodiversity interaction with plants (2018) (B) Capitalising on native biodiversity in farmland landscape (2019) (C) From agrobiodiversity to dynamic value chain - All scopes = (A),(B) in 2020	16.00	
SFS-04-2019-2020: Integrated health approaches and alternatives to pesticide use (RIA, two-stage)	15.10	
SFS-05-2019-2020: New and emerging risks to plant health (RIA, two-stage)	7.00	
SFS-06-2020: Stepping up integrated pest management (B) EU wide demonstration farm network (CSA) - in 2020		
SFS-08-2019: Improving animal welfare (IA)	6.00	
SFS-11-2019: Anti-microbials and animal production (IA)	6.00	
LC-SFS-17-2019: Alternative proteins for food and feed (IA)	32.00	
<i>Environment and climate-smart food production and consumption</i>		
LC-SFS-19-2019: Climate-smart and resilient farming (RIA, two-stage) (B) Efficiency and resilience of mixed farming and agroforestry systems	14.00	
LC-SFS-20-2019: European Joint Programme on agricultural soil management (Cofund-EJP)	40.00	
LC-SFS-22-2020: Forest Soils Research and Innovation Action - in 2020		
SFS-23-2019: Integrated water management in small agricultural catchments (RIA, two-stage)	14.00	
CE-SFS-24-2019: Innovative and citizen-driven food system approaches in cities (IA)	15.00	
<i>Building capacities</i>		
DT-SFS-26-2019: Food cloud demonstrators (IA)	10.00	
SFS-28-2019-2020: Genetic resources and pre-breeding communities (RIA, two-stage)	14.00	
SFS-30-2019-2020: Agri-Aqua Labs (RIA, two-stage)	10.00	
SFS-31-2019: ERANETs in agri-food (ERA-NET-Cofund)	15.00	
<i>Targeted international cooperation</i>		
Partnership on Food and Nutrition Security & Sustainable Agriculture (FNSSA): LC-SFS-34-2019: Food Systems Africa (RIA, two-stage)	21.00	
SFS-35-2019-2020: Sustainable Intensification in Africa (RIA, two-stage)	35.00	
CE-SFS-36-2020: Diversifying farmers' income through small bio-based concepts- in 2020		
SFS-37-2019: Integrated approaches to food safety controls across the food chain (RIA, two-stage)	8.00	
CE-SFS-39-2019: High-quality organic fertilisers from biogas digestate (IA)	5.00	293.10
CALL – BLUE GROWTH		
DT-BG-04-2018: Sustainable European aquaculture 4.0: nutrition and breeding (IA)	6.00	
BG-05-2019: Multi-use of the marine space, offshore and near-shore: pilot demonstration (IA)	18.00	
CE-BG-06-2019: Sustainable solutions for bio-based plastics on land and sea (IA)	18.00	
BG-07-2019-2020: The Future of Seas and Oceans Flagship Initiative (IA)	18.00	
BG-08-2018-2019: All Atlantic Ocean Research Alliance Flagship (RIA, two-stage)	27.00	
LC-BG-09-2019: Coordination of marine and maritime research & innovation in the Black Sea (CSA)	2.00	89.00
CALL – RURAL RENAISSANCE		
<i>From farm to society: understanding dynamics and modernising policies</i>		
RUR-01-2019: Building modern rural policies on long-term visions and societal engagement (B) Building resilient mountain value chains delivering private and public goods (RIA, two-stage) (D) Rural society-science-policy hub (CSA)	6.00 5.00	
RUR-04-2019: Analytical tools and models to support policies related to agriculture and food (RIA, two-stage)	5.00	
<i>Organising sustainable food and non-food value chains under changing conditions</i>		
CE-RUR-08-2019-2020: Closing nutrient cycles (RIA, two-stage)	8.00	
RUR-10-2019: Circular bio-based business models for rural communities (IA)	20.00	
LC-RUR-11-2019-2020: Sustainable wood value chains (IA)	20.00	
RUR-18-2019: Support to BIOEAST initiative: boosting knowledge and innovation-based bioeconomies (CSA)	3.00	
<i>Boosting innovation and enhancing the human and social capital in rural areas</i>		
RUR-15-2019-2020: Thematic networks compiling knowledge ready for practice (CSA)	10.00	
RUR-16-2019: Fuelling the potential of advisors for innovation	5.00	
RUR-17-2019: Reinforcing the EU agricultural knowledge base	2.50	84.50

OTHER ACTIONS:

External expertise (WP actions monitoring) 0.56 M€, Providing ad-hoc individual expertise to advise on EU R&I policy 0.15 M€, Comparative study on R&I investment level in food systems 0.2 M€ and Dissemination and Exploitation of results 0.35 M€ in 2019, Support to Research and Innovation Policy in the area of bio-based products and services (public procurement) 1.2 M€ in 2020