



ERNÄHRUNGSSICHERHEIT, NACHHALTIGE LAND- UND FORSTWIRTSCHAFT, MARINE, MARITIME UND SÜßWASSER-FORSCHUNG UND DIE BIOWIRTSCHAFT - „SOCIETAL CHALLENGE 2“

AUSSCHREIBUNG 2017

Veröffentlichung:	voraussichtlich 4. Oktober 2016
Budget:	410 M Euro
Einreichfristen :	Two stage (2S): 1. Stufe: 14.02.2017, 2. Stufe: 13.09.2017 Single Stage (1S): 14.02.2017
Projekttypen:	RIA – Research and Innovation Action, IA – Innovation Action, CSA – Coordination and Support Action, SME Instrument, ERANET Co-Fund

SME Instrument Cut-off dates:

2016	Phase 1: 24.02.2016, 03.05.2016, 07.09.2016, 09.11.2016 Phase 2: 03.02.2016, 14.04.2016, 15.06.2016, 13.10.2016
2017	Phase 1: 15.02.2017, 03.05.2017, Phase 2: 18.01.2017, 06.04.2017, 01.06.2017, 18.10.2017

SUSTAINABLE FOOD SECURITY – RESILIENT AND RESOURCE-EFFICIENT VALUE CHAINS 2017: 259 MIO €

More resilient and resource efficient value chains

SFS-04-2017:	New partnerships and tools to enhance European capacities for in-situ conservation (CSA, 2 M, 1S)
SFS-05-2017:	Robotics Advances for Precision Farming (RIA, 2-4 M, 1S)
SFS-07-2017:	Organic Breeding – Increasing the competitiveness of the organic breeding and farming sectors (RIA, 6 M, 2S)
SFS-08-2017:	Organic inputs – Contentious inputs in organic farming (RIA, 4 M, 2S)
SFS-10-2017:	Research and approaches for emerging diseases in plants and terrestrial livestock (RIA, 5 M, 2S)
SFS-13-2017:	Validation of diagnostic tools for animal and plant health (IA, 3 M, 1S)
SFS-15-2017:	Breeding livestock for resilience and efficiency (RIA, 7 M, 2S)
SFS-16-2017:	Bee health and sustainable pollination (RIA, 4,5 M, 2S)
SFS-17-2017:	Innovations in plant protection (RIA, 3 M, 2S)
SFS-20-2017:	Towards a science-based regionalisation of the Common Fisheries Policy (RIA, 6 M, 2S)
SFS-21-2017:	Advancing basic biological knowledge and improving management tools for commercially important fish and other seafood species (RIA, 5 M, 2S)
SFS-22-2017:	Smart fisheries technologies for an efficient, compliant and environmentally friendly fishing sector (IA, 6 M, 1S)

SMEInst-07-2016/17: Stimulating the innovation potential of SMEs for sustainable and competitive agriculture, forestry, agri-food and bio-based sectors (SME Instrument)



Environment-smart and climate-smart primary production

- SFS-27-2017: Permanent grassland – farming systems and policies (RIA, 10 M, 2S)
- SFS-28-2017: Functional Biodiversity – productivity gains through functional biodiversity: effective interplay of crop pollinators and pest predators (RIA, 10 M, 2S)
- SFS-29-2017: Socio-eco-economics – socio-economics in ecological approaches (RIA, 5 M, 2S)
- 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 (RIA, 6 M, 2S)
- SFS-32-2017: Promoting and supporting eco-intensification of aquaculture production systems: inland (including fresh water), coastal zone, and offshore (RIA, 6 M, 2S)

A competitive food industry

- SFS-34-2017: Innovative agri-food chains: unlocking the potential for competitiveness and sustainability (RIA, 6 M, 2S)
- SFS-35-2017: Innovative solutions for sustainable food packaging (IA, 6 M, 1S)

Healthy and safe foods and diets for all

- SFS-36-2017: Co-fund on "One Health" (zoonoses – emerging threats) (COFUND EJP, 35 M, 1S)
- SFS-39-2017: How to tackle the childhood obesity epidemic? (RIA, 10 M, 2S)
- SFS-40-2017: Sweeteners and sweetness enhancers (RIA, 9 M, 2S)

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, 10 M, 1S)

Implementation of the EU-China FAB Flagship initiative

- SFS-46-2017: Alternative production system to address anti-microbial drug usage, animal welfare and the impact on health (RIA, 5 M, 2S)
- SFS-47-2017: Management of soil water resources in the EU and China and its impact on agro-ecosystem functions (RIA, 5 M, 2S)
- SFS-48-2017: Resource-efficient urban agriculture for multiple benefits – Contribution to the EU-China Urbanisation Partnership (IA, 7 M, 1S)

BLUE GROWTH - DEMONSTRATING AN OCEAN OF OPPORTUNITIES

2017: 29 MIO €

Boosting Innovation for emerging Blue Growth activities

- BG-2-2017: High value-added specialised vessel concepts enabling more efficient servicing of emerging coastal and offshore activities, 2017: Specialised vessels for offshore activities (IA, 8 M 1S)
- BG-4-2017: Multi-use of the oceans marine space, offshore and near-shore: Enabling technologies (IA, 8 M, 1S)
- SMEInst-08-2016/17: Supporting SMEs efforts for the development - deployment and market replication of innovative solutions for blue growth (SME Instrument)

Linking healthy oceans and seas for healthy people

- BG-6-2017: Interaction between people, oceans and seas: a strategic approach towards healthcare and well-being (CSA, 2 M, 1S)
- BG-7-2017: Blue green innovation for clean coasts and seas (IA, 6 M, 1S)
- BG-8-2017: Innovative sustainable solutions for improving the safety and dietary properties of seafood (IA, 7 M, 1S)



The Arctic Dimension

BG-11-2017: The effect of climate change on Arctic permafrost and its socio-economic impact, with a focus on coastal areas (RIA, 10 M, 1S)

RURAL RENAISSANCE - FOSTERING INNOVATION AND BUSINESS OPPORTUNITIES **2017: 62 MIO €**

New approaches towards policies and governance

RUR-02-2017: Coastal-rural interactions: Enhancing synergies between land and sea-based activities (RIA, 5 M, 2S)

RUR-03-2017: Towards 2030 - Policies and decision tools for an integrated management of natural resources (RIA, 8 M, 2S)

RUR-05-2017: Novel public policies, business models and mechanisms for the sustainable supply of and payment for forest ecosystem services (IA, 4 M, 1S)

New value chains and business models

RUR-09-2017: Business models for modern rural economies (RIA, 4,5 M, 2S)

Innovation and skill development

RUR-10-2017: Thematic Networks compiling knowledge ready for practice (CSA, 2 M, 1S)

RUR-12-2017: Networking European farms to boost thematic knowledge exchanges and close the innovation gap (CSA, 7 M, 1S)

RUR-13-2017: Building a future science and education system fit to deliver to practice (RIA, 7 M, 2S)

RUR-15-2017: The benefits of working with others – fostering social capital in the farming sector (CSA, 3 M, 1S)

RUR-16-2017: Optimising interactive innovation project approaches and the delivery of EU policies to speed up innovation in rural areas (RIA, 5 M, 2S)

BIO-BASED INNOVATION FOR SUSTAINABLE GOODS AND SERVICES - SUPPORTING THE DEVELOPMENT OF A EUROPEAN BIOECONOMY **2017: 15 MIO €**

Securing sustainable biomass supply for bio-based goods and services

BB-2-2017: Towards a method for the collection of statistical data on bio-based industries and bio-based products (RIA, 6 M, 2S)

BB-3-2017: Adaptive tree breeding strategies and tools for forest production systems resilient to climate change and natural disturbances (RIA, 6 M, 2S)

Building the "bio-based markets of the future"- mobilising stakeholders engagement

BB-5-2017: Bio-based products: Mobilisation and mutual learning action plan (CSA, 3 M, 1S)



Horizon 2020

Das EU-Programm für
Forschung und Innovation



FFG

Österreichische
Forschungsförderungsgesellschaft

LINKS

[HTTPS://WWW.FFG.AT/EUROPA/H2020/ERNAEHRUNG](https://www.ffg.at/europa/h2020/ernaehrung)

[HTTP://EC.EUROPA.EU/RESEARCH/PARTICIPANTS/PORTAL/DESKTOP/EN/HOME.HTML](http://ec.europa.eu/research/participants/portal/desktop/en/home.html)

KONTAKT

DI Dr. Rita Litauszky - Nationale Kontaktstelle

Tel.: +43 (0)5 7755 – 4106

E-Mail: rita.litauszky@ffg.at

Dr. Ines Haberl – Nationale Kontaktstelle für KMU-Instrument

Tel.: +43 (0)5 7755 – 4103

E-mail: ines.haberl@ffg.at

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