



KLIMASCHUTZ, UMWELT, RESSOURCENEFFIZIENZ UND ROHSTOFFE - „SOCIETAL CHALLENGE 5“

AUSSCHREIBUNGEN 2018

- Veröffentlichung:** 7. November 2017
- Einreichfristen:** **27. Februar 2018** (Single Stage & Two Stage: 1e Stufe)
4. September 2018 (Two Stage: 2e Stufe)
- Projekttypen:** RIA – Research and Innovation Action; IA – Innovation Action; CSA – Coordination and Support Action; ERANET Co-Fund

Budgetwerte auf Topic-Ebene entsprechen einem möglichen EU-Funding pro Projekt, sind jedoch lediglich Vorschläge der Kommission.

CALL – BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: CLIMATE ACTION IN SUPPORT OF THE PARIS AGREEMENT – 123 MIO €

Decarbonisation

- LC-CLA-01-2018 Supporting the development of climate policies to deliver on the Paris Agreement, through Integrated Assessment Models (IAMs) – RIA, Two Stage, 5-7 Mio €
*Proposals should address only **one** of the following sub-topics:*
a) Supporting the design and assessment of climate policies
b) Improving Integrated Assessment Models (IAMs)

Climate adaptation, impacts and services

- LC-CLA-03-2018 Climate change impacts in Europe – RIA, Two Stage, 5-7 Mio €
*Proposals should address only **one** of the following sub-topics:*
a) Climate change impacts on health in Europe
b) Global climate change impacts from a European perspective

- LC-CLA-04-2018 Resilience and sustainable reconstruction of historic areas to cope with climate change and hazard events – RIA, Two Stage, 5-6 Mio €

Knowledge gaps

- LC-CLA-08-2018 Addressing knowledge gaps in climate science, in support of IPCC reports
*Proposals should address only **one** of the following sub-topics:*
a) Improving the understanding of key climate processes for reducing uncertainty in climate projections and predictions – RIA, Two Stage, 6-8 Mio €
b) Tipping points – RIA, Two Stage, 6-8 Mio €
c) Ice-core drilling in East Antarctica – RIA, Two Stage, ~ 10 Mio €

CALL – GREENING THE ECONOMY IN LINE WITH THE SUSTAINABLE DEVELOPMENT GOALS (SDGS) – 219,70 MIO €

Connecting economic and environmental gains - the circular economy

- CE-SC5-01-2018 Methods to remove hazardous substances and contaminants from secondary raw materials – RIA, Two Stage, 3-5 Mio €
- CE-SC5-02-2018 Independent testing programme on premature obsolescence – RIA, Two Stage, 3-5 Mio €



- CE-SC5-03-2018 Demonstrating systemic urban development for circular and regenerative cities
– IA, Two Stage, ~ 10 Mio €
- CE-SC5-05-2018 Coordinated approaches to funding and promotion of research and innovation for the circular economy
– CSA, Single Stage, ~ 2 Mio €
- Raw materials**
- CE-SC5-06-2018 New technologies for the enhanced recovery of by-products
– RIA, Two Stage, 3-7 Mio €
- CE-SC5-07-2018 Raw materials innovation for the circular economy: sustainable processing, reuse, recycling and recovery schemes
– IA, Two Stage, 8-13 Mio €
Proposals should address only one of the following sub-topics:
a) Sustainable processing and refining of primary and/or secondary raw materials
b) Recycling of raw materials from end-of-life products
c) Recycling of raw materials from buildings
d) Advanced sorting systems for high-performance recycling of complex end-of-life products
- CE-SC5-08-2018 Raw materials policy support actions for the circular economy
– CSA, Single Stage
Proposals should address only one of the following sub-topics:
a) Voluntary scheme for certification of treatment facilities for key types of wastes – ~2 Mio €
b) Resource efficiency in wood processing, recovery and recycling – ~3 Mio €
- SC5-09-2018 New solutions for the sustainable production of raw materials
– RIA, Two Stage, 3-7 Mio €
a) Breakthrough concepts and solutions for sustainable exploration, mining and/or processing
- Water for our environment, economy and society**
- SC5-11-2018 Digital solutions for water: linking the physical and digital world for water solutions
– IA, Two Stage, ~ 5 Mio €
- SC5-12-2018 EU-India water co-operation
– RIA, Single Stage, 3-5 Mio €
- Innovating cities for sustainability and resilience**
- SC5-13-2018 Strengthening international cooperation on sustainable urbanisation: nature-based solutions for restoration and rehabilitation of urban ecosystems
– RIA, Two Stage, ~ 5 Mio €
Proposals should address only one of the following sub-topics:
a) Strengthening EU-China collaboration (2018)
- Protecting and leveraging the value of our natural and cultural assets: Earth observation**
- SC5-15-2018 Strengthening the benefits for Europe of the Global Earth Observation System of Systems (GEOSS) - establishing 'EuroGEOSS'
– IA, Two Stage, ~ 15 Mio €
- Protecting and leveraging the value of our natural and cultural assets: Nature-based solutions, disaster risk reduction and natural capital accounting**
- SC5-17-2018 Towards operational forecasting of earthquakes and early warning capacity for more resilient societies
– RIA, Two Stage, 6-8 Mio €
- SC5-18-2018 Valuing nature: mainstreaming natural capital in policies and in business decision-making
Proposals should address only one of the following sub-topics:
a) Valuing nature: developing and implementing natural capital and ecosystem accounts in EU Member States and Associated Countries
– CSA, Single Stage, ~ 3 Mio €
b) Operationalisation of natural capital accounting in business decisions
– CSA, Single Stage, ~ 2 Mio €
- Protecting and leveraging the value of our natural and cultural assets: Heritage alive**
- SC5-19-2018 International network to promote cultural heritage innovation and diplomacy
– CSA, Single Stage, ~ 2,5 Mio €



AUSSCHREIBUNGEN 2019

- Veröffentlichung:** 14. November 2018
- Einreichfristen:** **19. Februar 2019** (Single Stage & Two Stage: 1e Stufe)
4. September 2019 (Two Stage: 2e Stufe)
- Projekttypen:** RIA – Research and Innovation Action; IA – Innovation Action; CSA – Coordination and Support Action; ERANET Co-Fund

Budgetwerte auf Topic-Ebene entsprechen einem möglichen EU-Funding pro Projekt, sind jedoch lediglich Vorschläge der Kommission.

CALL – BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: CLIMATE ACTION IN SUPPORT OF THE PARIS AGREEMENT – 111 MIO €

Decarbonisation

- LC-CLA-02-2019 Negative emissions and land-use based mitigation assessment – RIA, Two Stage, 5-7 Mio €
*Proposals should address only **one** of the following sub-topics:*
- a) Feasibility of negative emissions for climate stabilisation
 - b) Land-based mitigation

Climate adaptation, impacts and services

- LC-CLA-05-2019 Human dynamics of climate change – RIA, Two Stage, 5-7 Mio €
*Proposals should address only **one** of the following sub-topics:*
- a) Climate services for Africa
 - b) Climate and human migration

Inter-relations between climate change, biodiversity and ecosystem services

- LC-CLA-06-2019 Inter-relations between climate change, biodiversity and ecosystem services – RIA, Two Stage, 5-7 Mio €

The Cryosphere

- LC-CLA-07-2019 The changing cryosphere: uncertainties, risks and opportunities
*Proposals should address only **one** of the following sub-topics:*
- a) Sea level changes – RIA, Two Stage, 5-6 Mio €
 - b) Changes in Arctic biodiversity – RIA, Two Stage, 5-6 Mio €
 - c) Sustainable opportunities in a changing Arctic – RIA, Two Stage, 5-6 Mio €
 - d) Arctic standards – CSA, Single Stage, ~ 2 Mio €

CALL – GREENING THE ECONOMY IN LINE WITH THE SUSTAINABLE DEVELOPMENT GOALS (SDGS) – 259 MIO €

Connecting economic and environmental gains - the circular economy

- CE-SC5-04-2019 Building a water-smart economy and society – IA, Two Stage, 10-15 Mio €
*Proposals should address only **one** of the following sub-topics:*
- a) Symbiosis between industry and water utilities
 - b) Large scale applications with multiple water users at various relevant scales

Raw materials

- CE-SC5-07-2019 Raw materials innovation for the circular economy: sustainable processing, reuse, recycling and recovery schemes – IA, Two Stage, 8-13 Mio €
*Proposals should address only **one** of the following sub-topics:*
- a) Sustainable processing and refining of primary and/or secondary raw materials
 - b) Recycling of raw materials from end-of-life products
 - c) Recycling of raw materials from buildings
- CE-SC5-08-2019 Raw materials policy support actions for the circular economy – CSA, Single Stage, ~3 Mio €
- c) Responsible sourcing of raw materials in global value chains



Horizon 2020

Das EU-Programm für
Forschung und Innovation



FFG

Österreichische
Forschungsförderungsgesellschaft

- SC5-09-2019 New solutions for the sustainable production of raw materials – RIA, Two Stage, 3-7 Mio €
*Proposals should address only **one** of the following sub-topics:*
b) Digital mine
c) Recovery of metals and minerals from sea resources
- SC5-10-2019 Raw materials innovation actions: exploration and Earth observation in support of sustainable mining – IA, Two Stage, 8-13 Mio €
*Proposals should address only **one** of the following sub-topics:*
a) Integrated exploration solutions
b) Services and products for the extractive industries life cycle

Innovating cities for sustainability and resilience

- SC5-13-2019 Strengthening international cooperation on sustainable urbanisation: nature-based solutions for restoration and rehabilitation of urban ecosystems – RIA, Two Stage, ~ 5 Mio €
*Proposals should address only **one** of the following sub-topics:*
b) Strengthening EU-CELAC collaboration (2019)

- SC5-14-2019 Visionary and integrated solutions to improve well-being and health in cities – IA, Two Stage, ~10 Mio €

Protecting and leveraging the value of our natural and cultural assets: Earth observation

- SC5-16-2019 Development of commercial activities and services through the use of GEOSS and Copernicus data
*Proposals should address only **one** of the following sub-topics:*
a) Coordination of European innovators in the domain of Earth observation – CSA, Single Stage, ~ 1 Mio €
b) Designing Earth observation services and products of the future, building on GEOSS and Copernicus assets – IA, Two Stage, 2-3 Mio €

Protecting and leveraging the value of our natural and cultural assets: Heritage alive

- SC5-20-2019 Transforming historic urban areas and/or cultural landscapes into hubs of entrepreneurship and social and cultural integration – IA, Two Stage, 7-8 Mio €

LINKS

<http://www.ffg.at/klimaschutz-ressourceneffizienz-und-rohstoffe>

KONTAKT

Dr. Michalis Tzatzanis – Nationale Kontaktstelle

Tel.: +43 (0)5 7755 – 4405

E-mail: michalis.tzatzanis@ffg.at



Forschende an österreichischen Universitäten sowie außeruniversitären Forschungseinrichtungen ersuchen wir, für die Erstberatung ihr zuständiges Forschungsservice zu kontaktieren (für Universitäten unter: www.forschungsservice.at).

Informationsstand September 2017

Nutzungsbedingungen

Das vorliegende Dokument wurde von den MitarbeiterInnen des FFG Bereichs "Europäische und Internationale Programme" nach bestem Wissen und Gewissen erstellt und wird der Öffentlichkeit zur Erleichterung des Einstiegs in Horizon 2020, das EU-Programm für Forschung und Innovation, sowie für die multilateralen Initiativen auf europäischer Ebene unentgeltlich und zur nicht-kommerziellen Nutzung zur Verfügung gestellt. Dieses Dokument ersetzt nicht die Lektüre der einzelnen Arbeitsprogramme. Die FFG behält sich vor, Teile des Dokuments oder das gesamte Dokument jederzeit zu verändern, zu ergänzen, zu löschen oder dieses ohne vorherige Ankündigung zeitweise oder endgültig einzustellen. Die Veröffentlichung, Vervielfältigung oder Weiterverbreitung des Dokuments oder Inhalte daraus hat in Absprache mit der FFG zu erfolgen.

Disclaimer

Trotz aller gebotenen Sorgfalt kann für die Aktualität, Korrektheit, Vollständigkeit der Inhalte des Dokuments keine Gewähr übernommen werden. Rechtsansprüche gegen die FFG, welcher Art auch immer, welche durch die Nutzung fehlerhafter und/oder unvollständiger Informationen verursacht werden, sind ausgeschlossen.