

HORIZON 2020: RELEVANTE CALLS IN SOCIETAL CHALLENGES 5 & 6

JPI Climate SOLSTICE Call Info-Tag, 04.11.2019

HORIZON 2020 – DIE STRUKTUR

**Wissenschafts-
exzellenz**
Excellent Science

Ziel:
Wissenschaftsbasis

1. Exzellenz....
2. FET
3. Marie Skłodowska-Curie
4. Forschungsinfrastrukturen

**Führende Rolle der
Industrie**
Industrial Leadership

Ziel:
Wachstum

1. Grundlegende und industrielle Technologien inkl. Schlüsseltechnologien – ICT, Nanotechnologie, Werkstoffe, Produktion, Raumfahrt
2. Risikofinanzierung
3. Innovation in KMU

**Gesellschaftliche
Herausforderungen**
Societal Challenges

Ziel:
Lösung gesellschaftlicher Probleme

1. Gesundheit, demografischer Wandel
2. Ernährung, Biowirtschaft
3. Energie
4. Verkehr
5. Klimaschutz, Rohstoffe
6. Integrative, innovative und reflexive Gesellschaften
7. Sichere Gesellschaften

DIE WICHTIGSTEN FÖRDERINSTRUMENTE

Fördermaßnahme	Förderquote
RIA - Research and Innovation Actions	100 %
IA - Innovation Action	70 % 100 % für Non Profit Organisationen
CSA - Coordination and Support Action	100 %

plus weitere: Procurement (PCP, PPI), Co-Fund (ERANET, EJP...), KMU Instrument, ERC Grants, MSCA Grants, Fast Track to Innovation....

MINDEST-TEILNAHMEBEDINGUNGEN

Standardregelung (**Research and Innovation Actions, Innovation Actions**):

- mindestens **drei** voneinander **unabhängige Rechtspersonen** aus unterschiedlichen Mitgliedsstaaten oder assoziierten Staaten




Ausnahmen, z.B.:

- ERC, **Coordination and Support Actions**, KMU-Instrument...:
mindestens **1 Rechtsperson**

**KLIMASCHUTZ, UMWELT,
RESCOURCENEFFIZIENZ UND ROHSTOFFE**

SOCIETAL CHALLENGE 5 - KLIMASCHUTZ, UMWELT, RESOURCENEFFIZIENZ UND ROHSTOFFE

Calls 2020

-  Building a low-carbon, climate resilient future: climate action in support of the Paris Agreement
-  Greening the economy in line with the Sustainable Development Goals (SDGs)
-  Competitive, low carbon and circular industries
(cross-cutting activities work-programme)

Deadlines

-  13. Februar 2020 (Einstufig & Zweistufig: 1e Stufe)
-  3. September 2020 (Zweistufig: 2e Stufe)

Ansprechperson

-  Michalis Tzatzanis, michalis.tzatzanis@ffg.at, 05-7755-4405

PRIORITÄTEN 2018-2020

PROGRAMME PRIORITIES 2018-2020 — € 1.06 BILLION



* Including Earth observation, nature-based solutions, disaster risk reduction and natural capital accounting, and heritage alive.

FFG TOPIC-LISTE BIETET GESAMTEN ÜBERBLICK



Horizon 2020
Das EU-Programm für
Forschung und Innovation



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

AUSSCHREIBUNGEN 2020

Veröffentlichung: 12. November 2019
 Einreichfristen: 13. Februar 2020 (Einstufig & Zweistufig: 1e Stufe)
 3. September 2020 (Zweistufig: 2e Stufe)
 Projekttypen: RIA – Research and Innovation Action; IA – Innovation Action;
 CSA – Coordination and Support Action; ERANET Co-Fund
 'Projektgröße' auf Topic-Ebene entspricht einer möglichen EU-Förderung pro Projekt, ist jedoch lediglich ein Vorschlag der Kommission; 'Budget' bezeichnet das vorhandene Budget pro Topic.

CALL: BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: CLIMATE ACTION IN SUPPORT OF THE PARIS AGREEMENT – 189,5 MIO €

Decarbonisation

LC-CLA-10-2020: Scientific support to designing mitigation pathways and policies
 Proposals should address only one of the following sub-topics:
 a) Assessing and designing climate policies for the coming decade
 b) Decarbonisation and lifestyle changes
 c) Science underpinning the preparations of NDCs after the 2023 Global Stocktake at a global scale
 Förderinstrument: RIA Einreichverfahren: zweistufig Budget: 25 Mio € Projektgröße: 3-5 Mio €

LC-CLA-11-2020: Innovative nature-based solutions for carbon neutral cities and improved air quality
 Förderinstrument: IA Einreichverfahren: zweistufig Budget: 30 Mio € Projektgröße: ~10 Mio €

Climate adaptation, impacts and services

LC-CLA-12-2020: Advancing climate services
 Proposals should address only one of the following sub-topics:
 a) Mapping European coastal infrastructure at risk from sea-level rise
 b) Detection and attribution of extreme events using Artificial Intelligence
 c) Impacts of overshooting
 Förderinstrument: RIA Einreichverfahren: zweistufig Budget: 22 Mio € Projektgröße: 4-6 Mio €

LC-CLA-13-2020: Climate Resilience of European coastal cities and settlements
 Förderinstrument: RIA Einreichverfahren: zweistufig Budget: 15 Mio € Projektgröße: ~10 Mio €

LC-CLA-23-2020: Towards a comprehensive European mountain research strategy
 Förderinstrument: CSA Einreichverfahren: einstufig Budget: 1,5 Mio € Projektgröße: 1,5 Mio €

Maßnahmen der FFG im Bereich Europäische und internationale Programme werden von der Republik Österreich und der Wirtschaftskammer Österreich finanziert.



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Inter-relations between climate change, biodiversity and ecosystem services

LC-CLA-14-2020: Understanding climate-water-energy-food nexus and streamlining water-related policies
 Förderinstrument: RIA Einreichverfahren: zweistufig Budget: 13 Mio € Projektgröße: 4-5 Mio €

LC-CLA-15-2020: Forest Fires risk reduction: towards an integrated fire management approach in the EU.
 Förderinstrument: RIA Einreichverfahren: zweistufig Budget: 10 Mio € Projektgröße: ~10 Mio €

LC-CLA-16-2020: Multi-hazard risk management for risk-informed decision-making in the EU.
 Förderinstrument: RIA Einreichverfahren: zweistufig Budget: 5 Mio € Projektgröße: 3-5 Mio €

The Cryosphere

LC-CLA-17-2020: Polar climate: understanding the polar processes in a global context in the Arctic and Antarctic Regions
 Förderinstrument: RIA Einreichverfahren: zweistufig Budget: 15 Mio € Projektgröße: 7-8 Mio €

LC-CLA-21-2020: Coordination of European Polar research
 Förderinstrument: CSA Einreichverfahren: einstufig Budget: 3 Mio € Projektgröße: 3 Mio €

Knowledge gaps

LC-CLA-18-2020: Developing the next generation of Earth System Models
 Förderinstrument: RIA Einreichverfahren: zweistufig Budget: 22 Mio € Projektgröße: 10-12 Mio €
 (lump-sum)

LC-CLA-22-2020: Enhancing the Belmont Forum Collaborative Research Action on Climate, Environment and Health
 Förderinstrument: CSA Einreichverfahren: einstufig Budget: 3 Mio € Projektgröße: 3 Mio €

Earth Observation

LC-CLA-19-2020: Integrated GEOSS climate applications to support adaptation and mitigation measures of the Paris Agreement
 Förderinstrument: RIA Einreichverfahren: zweistufig Budget: 10 Mio € Projektgröße: 4-5 Mio €

LC-CLA-20-2020: Supporting the implementation of GEOSS in the Arctic in collaboration with Copernicus
 Förderinstrument: RIA Einreichverfahren: zweistufig Budget: 15 Mio € Projektgröße: ~15 Mio €

CALL: GREENING THE ECONOMY IN LINE WITH THE SUSTAINABLE DEVELOPMENT GOALS (SDGs) – 129 MIO €

Connecting economic and environmental gains - the circular economy

CE-SCS-24-2020: Improving the sorting, separation and recycling of composite and multi-layer materials
 Förderinstrument: RIA Einreichverfahren: zweistufig Budget: 20 Mio € Projektgröße: 4-5 Mio €

CE-SCS-25-2020: Understanding the transition to a circular economy and its implications on the environment, economy and society
 Förderinstrument: RIA Einreichverfahren: zweistufig Budget: 10 Mio € Projektgröße: 3-4 Mio €

Maßnahmen der FFG im Bereich Europäische und internationale Programme werden von der Republik Österreich und der Wirtschaftskammer Österreich finanziert.

Hier herunterladen:



LC-CLA-10-2020: Scientific support to designing mitigation pathways and policies

– RIA, Zweistufig, 3-5 Mio € /Proj., 25 Mio € Budget

*Proposals should address only **one** of the following sub-topics:*

- a) Assessing and designing climate policies for the coming decade
- b) Decarbonisation and lifestyle changes
- c) Science underpinning the preparations of NDCs after the 2023 Global Stocktake at a global scale

...identify and analyse the **role of individuals, households and communities in the socio-technical transition**, critical areas of **lifestyle change**, and **associated social innovation processes** that are needed globally and in Europe to be in phase with low-carbon emission pathways...

LCA-CLA-12-2020: Advancing climate services

– RIA, Zweistufig, 4-6 Mio €/Proj., 22 Mio € Budget

*Proposals should address only **one** of the following sub-topics:*

- a) Mapping European coastal infrastructure at risk from sea-level rise
- b) Detection and attribution of extreme events using Artificial Intelligence
- c) Impacts of overshooting

Understanding how rising global temperature translates to impacts for society and natural ecosystems...
...**assess and report on the impacts associated with overshooting temperature goals** set by the Paris Agreement in 2015.
...**highlight regional differences** in associated impacts and **identify possible adaptation measures and solutions.**

CE-SC5-25-2020: Understanding the transition to a circular economy and its implications on the environment, economy and society

– RIA, Zweistufig, 3-4 Mio €/Proj., 10 Mio € Budget

...**assess the current state of transition towards the circular economy in relevant economic sectors** (public, private and non-profit) and **analyse possible transition scenarios**, as well as their outcomes and impacts.




...**identify the key factors** (regulatory, governance-based, market, technological, cultural, societal, etc.) **that can stimulate or hinder this transition.**

...**selected sectors** should be among the ones **identified in the EU Circular Economy Action Plan.**

INTEGRATIVE, INNOVATIVE UND REFLEXIVE GESELLSCHAFTEN

SOCIETAL CHALLENGE 6 - INTEGRATIVE, INNOVATIVE UND REFLEXIVE GESELLSCHAFTEN

Calls 2020

-  Migration
-  Socioeconomic and cultural transformations in the context of the fourth industrial revolution
-  Governance for the future

Deadlines

-  12. März 2020 (alle Topics einstufig)

Ansprechperson

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-  Michalis Tzatzanis, michalis.tzatzanis@ffg.at, 05-7755-4405

FFG TOPIC-LISTE BIETET GESAMTEN ÜBERBLICK



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INKLUSIVE, INNOVATIVE UND REFLEXIVE GESELLSCHAFTEN - „SOCIETAL CHALLENGE 6“

AUSSCHREIBUNGEN 2020

Veröffentlichung: 05. November 2019

Einreichfristen: 12. März 2020

Alle Ausschreibungen 2020 sind single stage, d.h. einstufig.
 Budgetwerte auf Topic-Ebene entsprechen einem möglichen EU-Funding pro Projekt, sind jedoch lediglich
 Vorschläge der Kommission.

Projekttypen: RIA – Research and Innovation Action, IA – Innovation Action, IA-LS – Innovation Action Lump
 Sum, CSA – Coordination and Support Action, ERA-NET-Cofund

CALL MIGRATION – 29 Mio €

- MIGRATION-04-2020: Inclusive and innovative practices for the integration of recently arrived migrants in local communities – RIA + IA-LS, 9 Mio. €
- MIGRATION-05-2018-2020: Mapping and overcoming integration challenges for migrant children – IA, 9 Mio. €
- MIGRATION-09-2020: Narratives on migration and its impact: past and present – RIA, 9 Mio. €
- MIGRATION-10-2020: Sustainable practices for the integration of newly arrived migrants into societies – CSA, 2 Mio. €

CALL SOCIOECONOMIC AND CULTURAL TRANSFORMATIONS IN THE CONTEXT OF THE FOURTH INDUSTRIAL REVOLUTION – 83 Mio €

- DT-TRANSFORMATIONS-02-2018-2019-2020: Transformative impact of disruptive technologies in public services – RIA, 11 Mio. €
- DT-TRANSFORMATIONS-12-2018-2020: Curation of digital assets and advanced digitisation – RIA, 13,5 Mio. €
- DT-TRANSFORMATIONS-20-2020: European Competence Centre for the preservation and conservation of Monuments and Site – CSA, 3 Mio. €
- DT-TRANSFORMATIONS-21-2020: Mentoring scheme for schools: mainstreaming innovation by spreading the advanced ICT-based teaching practices to a wide circle of schools – CSA, 2 Mio. €

Maßnahmen der FFG im Bereich Europäische und Internationale Programme werden von der Republik Österreich und der
 Wirtschaftskammer Österreich finanziert.



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- DT-TRANSFORMATIONS-23-2020: To set up a digital accessibility observatory as a forum to take stock of market and technological developments, monitor progress in digital accessibility and provide opportunities for exchange of best practices – CSA, 1,5 Mio. €
- TRANSFORMATIONS-04-2019-2020: Innovative approaches to urban and regional development through cultural tourism – IA, 8 Mio. €
- TRANSFORMATIONS-10-2020: Evolving European media landscapes and Europeanisation – RIA, 9 Mio. €
- TRANSFORMATIONS-15-2020: Society and innovations: understanding the contexts, processes and consequences – ERA-NET-Cofund, 10 Mio. €
- TRANSFORMATIONS-18-2020: Technological transformations, skills and globalization – future challenges for shared prosperity – RIA, 9 Mio. €
- TRANSFORMATIONS-19-2020: Culture beyond borders – Facilitating innovation and research cooperation between European museums and heritage sites – CSA, 6 Mio. €
- TRANSFORMATIONS-22-2020: Enhancing access and uptake of education to reverse inequalities – CSA + RIA, 10 Mio. €

CALL GOVERNANCE FOR THE FUTURE – 66 Mio €

- DT-GOVERNANCE-05-2018-2019-2020: New forms of delivering public goods and inclusive public services – RIA, 20 Mio. €
- DT-GOVERNANCE-12-2019-2020: Pilot on using the European cloud infrastructure for public administrations – IA, 10 Mio. €
- DT-GOVERNANCE-22-2020: Citizen-centric public services in local and regional administrations – CSA, 1,5 Mio. €
- GOVERNANCE-20-2020: Centres/Networks of European research and innovation – CSA, 7 Mio. €
- GOVERNANCE-23-2020: Support to the networking of national R&I Think Tanks for helping co-shape and share a common perspective on R&I policy across Europe – CSA, 0,5 Mio. €
- SU-GOVERNANCE-07-2020: The Common Foreign and Security Policy and the expanding scope of the EU's external engagement – RIA, 9 Mio. €
- SU-GOVERNANCE-09-2020: Addressing radicalization through social inclusion – RIA, 9 Mio. €
- SU-GOVERNANCE-21-2020: Developing deliberative and participatory democracies through experimentation – RIA, 9 Mio. €

Maßnahmen der FFG im Bereich Europäische und Internationale Programme werden von der Republik Österreich und der
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Hier herunterladen:



DT-TRANSFORMATIONS-02-2018-2019-2020: Transformative impact of disruptive technologies in public services

– RIA, Einstufig, 3-4 Mio €/Proj., 11 Mio € Budget

The **use of disruptive technologies** (such as artificial intelligence and big data analytics, virtual and augmented reality, simulations or gamification) **in public administrations** and in governance including citizens engagement, decision support systems and policy impact assessments **is growing**.

Although the **potential positive impact** of such technologies is **high**, the **ways in which they can disrupt the existing landscape of public services** and legal procedures and can replace present solutions and processes are **largely unknown**.

Proposals should **pilot the technology and should engage multidisciplinary partners ...to examine how emerging technologies can impact the public sector** ...and explore in a wide-ranging fashion the issues surrounding the use of these technologies in the public sector ...

DT-GOVERNANCE-22-2020: Citizen-centric public services in local and regional administrations

– CSA, Einstufig, 1,5 Mio € Budget für einen Projekt

For user-centric digital public services, the proposed action will:

1. **support the implementation of the** 'User-centricity principles for design and delivery of digital public services' laid down in the **Tallinn Declaration** putting citizens truly at the heart of governments' digital transformation at cities and regions level;
2. **encourage and recognise cities and regions** that are taking policies steps to become more user-centric;
3. **promote capacity building, best practices and experience exchange**, solutions reuse, training, awareness raising through a community building approach;
4. **ensure that the mechanism** for recognising user-centric cities and regions and the community **will become self-sustainable** beyond the H2020 funding.

SERVICES DER FFG FÜR ANTRAGSTELLERINNEN IN HORIZON 2020

UNTERSTÜTZUNG UND SERVICES DER FFG-EIP

