



Dezember
2017

In eigener Sache - Ihre Ansprechpartner

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Legende

„X“ als Deadline für 2020	Diese Topics werden 2020 voraussichtlich (fort-)geführt. Da das Programm für 2020 noch nicht finalisiert ist, werden diese Daten bei Bekanntgabe aktualisiert.
Datum* / Datum*	Fortlaufende Ausschreibung mit Zwischenfristen für Evaluierung
Datum ¹ / Datum ²	Bei zweistufigen Ausschreibungen: erste Stufe ¹ , zweite Stufe ²
Verlinkung	Am Ende der jeweiligen Tabelle finden Sie den Link zu der Vollversion des Arbeitsprogramms

MWK & UHOH | Anschubfinanzierung für die Vorbereitung von EU-Anträgen

Das MWK und die Universitätsleitung unterstützen Sie bei der Vorbereitung eines durch sie koordinierten EU-Antrags (auch von ERC-Grants) durch die Bereitstellung von Finanzmitteln. Finanziert werden können Personal-, Sachmittel oder Reisekosten, die im Vorfeld der Antragsstellung anfallen.

Je nach Auswahlverfahren können folgende Anschubmittel beantragt werden:

- 1-stufige Calls: max. 7.000 €
- 2-stufige Calls: 1. Stufe: 3.500 €; 2. Stufe: weitere 3.500 €
Bei Erreichen der 2. Stufe ist keine erneute Antragstellung auf Anschubfinanzierung nötig. Es genügt eine formlose E-Mail.
- ERC-Grants: max. 15.000 €

Die Mittel müssen zwingend für eine Antragsvorbereitung eingesetzt werden. Wird kein Antrag eingereicht, kann gewährte Anschubfinanzierung wieder zurückgefordert werden.

Bitte melden Sie sich bei Interesse möglichst frühzeitig bei Frau Marion Dürr, 22733, marion.duerr@verwaltung.uni-hohenheim.de, oder Frau Mara Lucic, 22819, mara.lucic@verwaltung.uni-hohenheim.de.

[Ausschreibung](#), [Antragsformular](#) und [Antragsformular-ERC](#) finden Sie hier.

(In begründeten Fällen ist es auch möglich als Partner in einem EU-Projekt Anschubfinanzierung zu beantragen.)

EU | "Common Exploitation Booster" – Support services for ongoing R&I projects across the FP7 and H2020

Der H2020 Common Support Center der Europäischen Kommission bietet seit kurzem neue Services im Bereich der Verwertung von Full-Ergebnissen an. Mit der Initiative „**Common Exploitation Booster**“ sollen laufende FP7- und H2020-Projekte unabhängig von ihrem Entwicklungsstand durch vier Maßnahmen unterstützt werden:

- Analyse der Verwertungsrisiken und Hindernisse
- Seminare zur Verwertungsstrategie
- Unterstützung bei der Erstellung eines Businessplans
- Brokerage- und Pitching-Veranstaltungen

Weitere [Informationen](#) zu der Initiative finden Sie hier und auf diesem [Flyer](#).

EU Horizon 2020 | Info´s zur Antragstellung

Wenn Sie eine EU-Antragstellung planen, gibt es einige Besonderheiten zu beachten. Wir unterstützen Sie sehr gerne – beispielsweise bei der richtigen Kalkulation Ihres Vorhabens, administrativen Angaben, formalen Fragen oder auch bei jeder Art von anderen Unklarheiten.

Bitte melden Sie sich unbedingt frühzeitig bei uns - vermeiden Sie gerade bei EU-Anträgen eine Einreichung auf den ‚letzten Drücker‘.

Die Kommission hat für Horizon 2020 die ‚Time to grant‘ auf 8 Monate verkürzt – d.h., dass die Dauer von der Ausschreibungsdeadline bis zum Mittelfluss und Projektbeginn deutlich verkürzt wird. Um dies zu erreichen, wird es jedoch keine sog. ‚Vertragsverhandlungen‘ mehr geben. In Horizon 2020 werden Anträge so evaluiert, wie sie eingereicht werden, Verbesserungspotentiale werden nicht berücksichtigt. Defizite werden mit einer niedrigeren Punktzahl für das entsprechende Kriterium bewertet. Es wird keine Möglichkeit mehr für signifikante Änderungen in Inhalt, Budget oder Konsortiumszusammensetzung während der Vertragsvorbereitungen geben: **„Proposals must be mature and complete.“**

NKS Gesellschaft | Informationsplattform ERA-LEARN 2020

Die Nationale Kontaktstelle Gesellschaft hat aktuell ein Info-Magazin zum Thema "50 goldene Tipps für den erfolgreichen EU-Antrag" erstellt.

Das Thema geht hervor aus der kürzlich erschienenen Broschüre „Erfolgreich in Europa. Deutsche Forschende aus den Sozial-, Wirtschafts- und Geisteswissenschaften in Horizont 2020“. Darin werden erfolgreiche deutsche EU-Projektkoordinator/innen aus den Geistes- und Sozialwissenschaften in Horizont 2020 vorgestellt. Auf die Fragen nach ihrem Erfolgsgeheimnis gab es viele gute und hilfreiche Antworten und Tipps für künftige Antragstellende, die Ihnen gesammelt im Rahmen des aktuellen Info-Magazins präsentiert werden. [Info-Magazin](#)

Health-2-Market | Kommentierter Leitfaden zur Erstellung von Anträgen in Horizont 2020

Das FP7-Projekt Health-2-Market hat als Hilfestellung für die Antragstellung in Horizont 2020 einen kommentierten Leitfaden erstellt: das ARIaT (Annotated Research and Innovation actions Template). Er soll Antragstellern bei „Forschungs- und Innovationsmaßnahmen“ (RIA) sowie „Innovationsmaßnahmen“ (IA) helfen, alle relevanten Aspekte, besonders zu Innovation, bestmöglich zu adressieren. Der Leitfaden spiegelt die Struktur des proposal templates wieder und führt zu jedem Unterabschnitt Expertenempfehlungen und Beispiele an, wie das konkrete Projekt bestmöglich zu beschreiben ist. Neben den Abschnitten Excellence, Impact, und Implementation sind auch Hinweise zu Begutachungskriterien, sowie zum Businessplan, zur Nutzung und Verbreitung von Ergebnissen, zu Marktzulassungen sowie zum Marktzugang aufgeführt.

Weitere Information und der ARIaT-Leitfaden sind [hier](#) verfügbar.

EU-Büro des BMBF | Deutsches Internetportal zu Horizon 2020

Das Portal bündelt und verlinkt alle relevanten Informationen zu Hintergründen, zur Antragstellung und zu den Beratungsstellen und Informationsveranstaltungen zu Horizon 2020 in Deutschland. **Sie finden es [hier](#).**

Excellent Science

ERC European Research Council	Budget (Mio. €) 2018	Deadline 2018	Deadline 2019	Deadline 2020
ERC – Consolidator Grant				
ERC-2018-CoG	550,00	15.02.18	X	X
ERC – Advanced Grant				
ERC-2018-AdG	450,00	30.08.18	X	X
Total	1.000,00			

[Further information](#)

FET Future and Emerging Technologies	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
FET-Open – Novel ideas for radically new technologies				
FETOPEN-01-2018-2019-2020: FET-Open Challenging Current Thinking	344,00	16.05.18*	24.01.19* 18.09.19*	X
FETOPEN-02-2018: FET-Open Coordination and Support Actions	2,00	11.04.18		
FETOPEN-03-2018-2019-2020: FET Innovation Launchpad	5,20	16.10.18	08.10.19	X
FET Proactive – Boosting emerging technologies				
FETPROACT-01-2018-2020: FET Proactive: emerging paradigms and communities	88,00	22.03.18		X
FETPROACT-02-2018: Community building in Neuromorphic Computing Technologies	0,50	22.03.18		
FETPROACT-03-2018: FET ERA-NET Cofund	6,00	18.12.18		
FET Proactive – High Performance Computing				
FETHPC-01-2018: International Cooperation on HPC	4,00	15.05.18		
FETHPC-02-2019: Extreme scale computing technologies, methods and algorithms for key applications and support to the HPC ecosystem	68,00		24.09.19	
FET FLAGSHIPS – Tackling grand interdisciplinary science and technology challenges				
FETFLAG-01-2018: Preparatory Actions for new FET Flagships	6,00	20.02.18 ¹ 18.09.18 ²		
FETFLAG-02-2018: ERA-NET Cofund for FET Flagships	10,00	17.04.18		
FETFLAG-03-2018: FET Flagship on Quantum Technologies	132,00	20.02.18		
FET Total	665,70			

[Further information](#)

MSCA Marie Skłodowska-Curie actions	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
Call - - Marie Skłodowska-Curie Innovative Training Networks				
MSCA-ITN-2018-2020: Innovative Training Networks	442,00	17.01.18		X
Call - - Marie Skłodowska-Curie Individual Fellowships				
MSCA-IF-2018-2020: Individual Fellowships	273,00	12.09.18		X
Call - Marie Skłodowska-Curie Research and Innovation Staff Exchange				
MSCA-RISE-2018-2020: Research and Innovation Staff Exchange	80,00	21.03.18		X
Call - Marie Skłodowska-Curie Co-funding of regional, national and international programmes				
MSCA-COFUND-2018-2020: Co-funding of regional, national and international programmes	80,00	27.09.18		X
Call - European Researchers' Night				
MSCA-NIGHT-2018-2020: European Researchers' Night	12,00	14.02.18		X
Call - Marie Skłodowska-Curie Innovative Training Networks				
MSCA-ITN-2019: Innovative Training Networks	470,00		15.01.19	
Call - Marie Skłodowska-Curie Individual Fellowships				
MSCA-IF-2019: Individual Fellowships	295,62		11.09.19	
Call - Marie Skłodowska-Curie Research and Innovation Staff Exchange				
MSCA-RISE-2019: Research and Innovation Staff Exchange	80,00		02.04.19	
Call - Marie Skłodowska-Curie Co-funding of regional, national and international programmes				
MSCA-COFUND-2019: Co-funding of regional, national and international programmes	90,00		26.09.19	
MSCA Total	1.822,62			

[Further information](#)

European research infrastructures (including e-Infrastructures)	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
Call - Development and long-term sustainability of new pan-European research infrastructures				
INFRADEV-01-2019-2020: Design Studies	20,00		12.11.19	X
INFRADEV-02-2019-2020: Preparatory Phase of new ESFRI projects	20,00		29.01.19	X
INFRADEV-03-2018-2019: Individual support to ESFRI and other world-class research infrastructures	60,00	22.03.18	20.03.19	
Call - Implementing the European Open Science Cloud				
INFRAEOSC-01-2018: Access to commercial services through the EOSC hub	12,00	22.03.18		
INFRAEOSC-02-2019: Prototyping new innovative services	28,50		29.10.19	
INFRAEOSC-03-2020: Integration and consolidation of pan-European access mechanisms to public e-infrastructures and commercial services through the EOSC hub				X
INFRAEOSC-04-2018: Connecting ESFRI infrastructures through Cluster projects	95,00	22.03.18		
INFRAEOSC-05-2018-2019: Support to the EOSC Governance	50,00	19.04.18 21.11.18		
INFRAEOSC-06-2019-2020: Enhancing the EOSC portal and connecting thematic clouds	2,00		20.03.19	X
Call - Integrating and opening research infrastructures of European interest				
INFRAIA-01-2018-2019: Integrating Activities for Advanced Communities	226,50	22.03.18	20.03.19	
INFRAIA-02-2020: Integrating Activities for Starting Communities				X
INFRAIA-03-2020: Pilot for a new model of Integrating Activities				X
Call - European Data Infrastructure				
INFRAEDI-01-2018: Pan-European High Performance Computing infrastructure and services (PRACE)	24,00	22.03.18		
INFRAEDI-02-2018: HPC PPP - Centres of Excellence on HPC	74,00	22.03.18		
INFRAEDI-03-2018: Support to the governance of High Performance Computing Infrastructures	0,90	22.03.18		
INFRAEDI-04-2020: Support to Public Procurement of innovative HPC systems				X
Call - Demonstrating the role of Research Infrastructures in the translation of Open Science into Open Innovation				
INFRAINNOV-01-2019: Stimulate the innovation potential of SMEs	8,00		22.01.19	
INFRAINNOV-02-2019: Network of research infrastructure Industrial Liaison and Contact Officers	1,50		20.03.19	
INFRAINNOV-03-2020: Co-Innovation platform for research infrastructure technologies				X
INFRAINNOV-04-2020: Innovation pilots				X
Call - Support to policy and international cooperation				
INFRA supp-01-2018-2019: Policy and international cooperation measures for research infrastructures	39,60	22.03.18	20.03.19	
INFRA supp-02-2020: Strengthening the human capital of research infrastructures				X
European research infrastructures Total	662,00			

[Further information](#)

Industrial Leadership

LEIT Leadership and Enabling Industrial Technologies - Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
Call - FOUNDATIONS FOR TOMORROW'S INDUSTRY				
DT-NMBP-01-2018: Open Innovation Test Beds for Lightweight, nano-enabled multifunctional composite materials and components	75,00	23.01.18 ¹ 28.06.18 ²		
DT-NMBP-02-2018: Open Innovation Test Beds for Safety Testing of Medical Technologies for Health				
DT-NMBP-03-2019: Open Innovation Test Beds for nano-enabled surfaces and membranes	50,00		22.01.19 ¹ 03.09.19 ²	
DT-NMBP-04-2020: Open Innovation Test Beds for bio-based nano-materials and solutions				X
DT-NMBP-05-2020: Open Innovation Test Beds for functional materials for building envelopes				X
DT-NMBP-06-2020: Open Innovation Test Beds for nano-pharmaceuticals production				X
DT-NMBP-07-2018: Open Innovation Test Beds for Characterisation	44,00	23.01.18 ¹ 28.06.18 ²		
DT-NMBP-09-2018: Accelerating the uptake of materials modelling software				
DT-NMBP-08-2019: Real-time nano- characterisation technologies	37,80		22.01.19 ¹ 03.09.19 ²	
DT-NMBP-10-2019: Adopting materials modelling to challenges in manufacturing processes				
DT-NMBP-11-2020: Open Innovation Test Beds for Materials Modelling				X
DT-NMBP-12-2019: Sustainable Nano- Fabrication	4,00		03.09.19	
NMBP-13-2018: Risk Governance of nanotechnology	30,00	23.01.18 ¹ 28.06.18 ²		
NMBP-14-2018: Nanoinformatics: from materials models to predictive toxicology and ecotoxicology				
NMBP-15-2019: Safe by design, from science to regulation: metrics and main sectors	27,80		22.01.19 ¹ 03.09.19 ²	
NMBP-16-2020: Safe by design, from science to regulation: behaviour of multi-component nanomaterials				X
NMBP-17-2020: Regulatory science for medical technology products				X
Call - TRANSFORMING EUROPEAN INDUSTRY				
DT-FOF-01-2018: Skills needed for new Manufacturing jobs	2,00	22.02.18		
DT-FOF-02-2018: Effective Industrial Human- Robot Collaboration	79,00	22.02.18		
DT-FOF-03-2018: Innovative manufacturing of opto-electrical parts				
DT-FOF-04-2018: Pilot lines for metal Additive Manufacturing				

LEIT Leadership and Enabling Industrial Technologies - Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
DT-FOF-05-2019: Open Innovation for collaborative production engineering	106,60		21.02.19	
DT-FOF-06-2019: Refurbishment and re-manufacturing of large industrial equipment			21.02.19	
DT-FOF-08-2019: Pilot lines for modular factories			21.02.19	
DT-FOF-12-2019: Handling systems for flexible materials			21.02.19	
DT-FOF-07-2020: Reliable and accurate assembly of micro parts				X
DT-FOF-09-2020: Holistic energy-efficient factory management				X
DT-FOF-10-2020: Pilot lines for large-part high-precision manufacturing				X
DT-FOF-11-2020: Quality control in smart manufacturing				X
DT-NMBP-18-2019: Materials, manufacturing processes and devices for organic and large area electronics	20,00		22.01.19 ¹ 03.09.19 ²	
DT-NMBP-19-2019: Advanced materials for additive manufacturing	20,40		22.01.19 ¹ 03.09.19 ²	
DT-NMBP-20-2018: A digital 'plug and produce' online equipment platform for manufacturing	15,00	08.03.18		
BIOTEC-01-2018: Standardisation in Synthetic Biology	2,00	22.02.18		
BIOTEC-02-2019: Boosting the efficiency of photosynthesis	31,00		22.01.19 ¹ 03.09.19 ²	
BIOTEC-03-2018: Synthetic biology to expand diversity of nature's chemical production	30,00	23.01.18 ¹ 28.06.18 ²		
CE-BIOTEC-04-2018: New biotechnologies for environmental remediation	10,00	25.04.18		
CE-BIOTEC-05-2019: Microorganism communities for plastics bio-degradation	10,00		24.04.19	
BIOTEC-06-2020: Reprogrammed microorganisms for biological sensors				X
BIOTEC-07-2020: Multi-omics for the optimisation of genotype-phenotype associations				X
NMBP-21-2020: Custom-made biological scaffolds for specific tissue regeneration and repair				X
NMBP-22-2018: Osteoarticular tissues regeneration	24,00	23.01.18 ¹ 28.06.18 ²		
DT-NMBP-23-2020: Next generation organ-on-chip				X
Call - INDUSTRIAL SUSTAINABILITY				
CE-SPIRE-01-2020: Industrial symbiosis				X
CE-SPIRE-02-2018: Processing of material feedstock using non-conventional energy sources	97,50	22.02.18		
CE-SPIRE-03-2018: Energy and resource flexibility in highly energy intensive industries				
CE-SPIRE-10-2018: Efficient recycling processes for plastic containing materials				

LEIT Leadership and Enabling Industrial Technologies - Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
CE-SPIRE-04-2019: Efficient integrated downstream processes	65,80		21.02.19	
CE-SPIRE-05-2019: Adaptation to variable feedstock through retrofitting			21.02.19	
DT-SPIRE-06-2019: Digital technologies for improved performance in cognitive production plants	32,90		21.02.19	
CE-SPIRE-07-2020: Recovery of industrial water, thermal energy and substances contained therein				X
CE-SPIRE-08-2020: Improved Industrial Processing using novel high-temperature resistant materials				X
CE-SPIRE-09-2020: Making the most of mineral waste, by-products and recycled material as feed for high volume production				X
CE-NMBP-24-2018: Catalytic transformation of hydrocarbons	38,00	23.01.18 ¹ 28.06.18 ²		
CE-NMBP-26-2018: Smart plastic materials with intrinsic recycling properties by design		23.01.18 ¹ 28.06.18 ²		
CE-NMBP-25-2019: Photocatalytic synthesis	18,46		22.01.19 ¹ 03.09.19 ²	
LC-NMBP-27-2019: Strengthening EU materials technologies for non-automotive battery storage	65,10		22.01.19 ¹ 03.09.19 ²	
LC-NMBP-29-2019: Materials for non-battery based energy storage			22.01.19 ¹ 03.09.19 ²	
LC-NMBP-32-2019: Smart materials, systems and structures for energy harvesting			22.01.19 ¹ 03.09.19 ²	
LC-NMBP-28-2020: Advanced materials for innovative multilayers for durable photovoltaics				X
LC-NMBP-30-2018: Materials for future highly performant electrified vehicle batteries	25,00	23.01.18 ¹ 28.06.18 ²		
LC-NMBP-31-2020: Materials for off shore energy				X
NMBP-33-2018: Innovative and affordable solutions for the preventive conservation of cultural heritage	16,00	23.01.18 ¹ 28.06.18 ²		
LC-EEB-01-2019: Integration of energy smart materials in non-residential buildings	53,50		21.02.19	
LC-EEB-03-2019: New developments in plus energy houses			21.02.19	
LC-EEB-05-2019-20: Integrated storage systems for residential buildings			21.02.19	X
LC-EEB-02-2018: Building information modelling adapted to efficient renovation	35,00	22.02.18		
LC-EEB-06-2018-20: ICT enabled, sustainable and affordable residential building construction, design to end of life		22.02.18		X
LC-EEB-04-2020: Industrialisation of building envelope for the renovation market				X
LEIT-Nanotechnologies Total	1.065,86			

[Further information](#)

LEIT Leadership and Enabling Industrial Technologies - Information and Communication Technologies	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
Call - Information and Communication Technologies				
ICT-01-2019: Computing technologies and engineering methods for cyber-physical systems of systems	40,00		28.03.19	
ICT-02-2018: Flexible and Wearable Electronics	30,00	17.04.18		
ICT-03-2018-2019: Photonics Manufacturing Pilot Lines for Photonic Components and Devices	60,00	17.04.18	28.03.19	
ICT-04-2018: Photonics based manufacturing, access to photonics, datacom photonics and connected lighting	55,00	17.04.18		
ICT-05-2019: Application driven Photonics components	76,50		28.03.19	
ICT-06-2019: Unconventional Nanoelectronics	30,00		28.03.19	
ICT-07-2018: Electronic Smart Systems (ESS)	48,00	17.04.18		
ICT-08-2019: Security and resilience for collaborative manufacturing environments	11,00		28.03.19	
ICT-09-2019-2020: Robotics in Application Areas	50,00		28.03.19	X
ICT-10-2019-2020: Robotics Core Technology	42,00		28.03.19	X
ICT-11-2018-2019: HPC and Big Data enabled Large-scale Test-beds and Applications	90,00	17.04.18 14.11.18		
ICT-12-2018-2020: Big Data technologies and extreme-scale analytics	31,00	17.04.18		X
ICT-13-2018-2019: Supporting the emergence of data markets and the data economy	61,00	17.04.18	28.03.19	
ICT-14-2019: Co-designing Extreme Scale Demonstrators (EsD)	80,00	14.11.18		
ICT-15-2019-2020: Cloud Computing	30,00		28.03.19	X
ICT-16-2018: Software Technologies	20,00	17.04.18		
ICT-17-2018: 5G End to End Facility	60,00	31.01.18		
ICT-18-2018: 5G for cooperative, connected and automated mobility (CCAM)	50,00	17.04.18		
ICT-19-2019: Advanced 5G validation trials across multiple vertical industries	92,00	14.11.18		
ICT-20-2019-2020: 5G Long Term Evolution	44,00		28.03.19	X
ICT-21-2018: EU-US Collaboration for advanced wireless platforms	2,00	17.04.18		
ICT-22-2018: EU-China 5G Collaboration	6,00	31.01.18		
ICT-23-2019: EU-Taiwan 5G collaboration	4,00		15.01.19	
ICT-24-2018-2019: Next Generation Internet - An Open Internet Initiative	50,00	17.04.18	28.03.19	
ICT-25-2018-2020: Interactive Technologies	23,00	17.04.18 14.11.18		X
ICT-26-2018-2020: Artificial Intelligence	20,00	17.04.18		X
ICT-27-2018-2020: Internet of Things	1,50	17.04.18		X
ICT-28-2018: Future Hyper-connected Sociality	21,00	17.04.18		
ICT-29-2018: A multilingual Next Generation Internet	25,00	17.04.18		
ICT-30-2019-2020: An empowering, inclusive Next Generation Internet	8,00		28.03.19	X
ICT-31-2018-2019: EU-US collaboration on NGI	6,00	17.04.18	28.03.19	
ICT-32-2018: STARTS – The Arts stimulating innovation	9,00	17.04.18		
ICT-33-2019: Startup Europe for Growth and Innovation Radar	11,50		28.03.19	

LEIT Leadership and Enabling Industrial Technologies - Information and Communication Technologies	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
ICT-34-2018-2019: Pre-Commercial Procurement open	12,00	17.04.18	28.03.19	
ICT-35-2018: Fintech: Support to experimentation frameworks and regulatory compliance	2,50	17.04.18		
ICT-36-2020 Disruptive photonics technologies				X
ICT-37-2020 Advancing photonics technologies and application driven photonics components and the innovation ecosystem				X
ICT-38-2020 Artificial intelligence for manufacturing				X
ICT-39-2020 Digital advances for local/urban manufacturing				X
ICT-40-2020 Advanced testbeds for innovative cloud technologies				X
ICT-41-2020 Network innovations with 5G third party services				X
ICT-42-2020 5G core technologies innovation				X
ICT-43-2020 EU-Brazil 5G collaboration				X
ICT-44-2020 Next Generation Media				X
ICT-45-2020 Reinforcing European presence in international ICT standardisation: Standardisation Observatory and Support Facility				X
Call - Digitising and transforming European industry and services: digital innovation hubs and platforms				
DT-ICT-01-2019: Smart Anything Everywhere	49,00		02.04.19	
DT-ICT-02-2018: Robotics - Digital Innovation Hubs (DIH)	66,00	17.04.18		
DT-ICT-03-2020: I4MS (phase 4) - uptake of digital game changers and digital manufacturing platforms				X
DT-ICT-04-2020: Photonics Innovation Hubs				X
DT-ICT-05-2020: Big Data Innovation Hubs				X
DT-ICT-06-2018: Coordination and Support Activities for Digital Innovation Hub network	1,00	17.04.18		
DT-ICT-07-2018-2019: Digital Manufacturing Platforms for Connected Smart Factories	95,00	17.04.18	02.04.19	
DT-ICT-08-2019: Agricultural digital integration platforms	30,00	14.11.18		
DT-ICT-09-2020: Digital service platforms for rural economies				X
DT-ICT-10-2018-2019: Interoperable and smart homes and grids	30,00	14.11.18		
DT-ICT-11-2019: Big data solutions for energy	30,00		02.04.19	
DT-ICT-12-2020: The smart hospital of the future				X
DT-ICT-13-2019: Digital Platforms/Pilots Horizontal Activities	4,00	14.11.18		
Call - Cybersecurity				
SU-ICT-01-2018: Dynamic countering of cyber- attacks	40,00	28.08.18		
SU-ICT-02-2020: Building blocks for resilience in evolving ICT systems			19.11.19	
SU-ICT-03-2020: Advanced cybersecurity and digital privacy technologies				X
SU-ICT-04-2019: Quantum Key Distribution	15,00	28.08.18		

LEIT Leadership and Enabling Industrial Technologies - Information and Communication Technologies	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
testbed				
Call - EU-Japan Joint Call				
EUJ-01-2018: Advanced technologies (Security/Cloud/IoT/BigData) for a hyper- connected society in the context of Smart City	3,00	31.01.18		
EUJ-02-2018: 5G and beyond	3,00	31.01.18		
Call - EU-Korea Joint Call				
EUK-01-2018: Cloud, IoT and AI technologies	2,20	31.01.18		
EUK-02-2018: 5G	4,00	31.01.18		
LEIT-ICT Total	1.574,20			

[Further information](#)

LEIT Leadership and Enabling Industrial Technologies - Space	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
Call - Space 2018-2020				
DT-SPACE-01-EO-2018-2020: Copernicus market uptake	18,00	06.03.18	12.03.19	X
LC-SPACE-02-EO-2018: Copernicus evolution – Mission exploitation concepts	8,00	06.03.18		
LC-SPACE-03-EO-2018: Copernicus evolution - Preparing for the next generation of Copernicus Marine Service ocean models	5,00	06.03.18		
LC-SPACE-04-EO-2019-2020: Copernicus evolution – Research activities in support of cross-cutting applications between Copernicus services	8,00		12.03.19	X
LC-SPACE-05-EO-2019: Copernicus evolution – Research activities in support to a European operational monitoring system for fossil CO2 emissions	9,00		12.03.19	
DT-SPACE-06-EO-2019: International Cooperation Copernicus – Designing EO downstream applications with international partners	5,00		12.03.19	
DT-SPACE-07-BIZ-2018: Space hubs for Copernicus	2,00	06.03.18		
DT-SPACE-08-BIZ-2018: Space outreach and education	2,00	06.03.18		
DT-SPACE-09-BIZ-2019: Space hubs (support to start-ups)	2,00		12.03.19	
SPACE-10-TEC-2018-2020: Technologies for European non-dependence and competitiveness	24,00	06.03.18	12.03.19	X
SPACE-11-TEC-2018: Generic space technologies	11,00	06.03.18		
SPACE-12-TEC-2018: SRC – Space robotics technologies	18,00	06.03.18		
SPACE-13-TEC-2019: SRC – In-Space electrical propulsion and station keeping	10,00		12.03.19	
LC-SPACE-14-TEC-2018-2019: Earth observation technologies	16,00	06.03.18	12.03.19	
SPACE-15-TEC-2018: Satellite communication technologies	9,00	06.03.18		
SPACE-16-TEC-2018: Access to space	10,00	06.03.18		
SPACE-17-TEC-2019: Access to space	9,00		12.03.19	
SPACE-18-TEC-2019-2020: In-orbit validation/demonstration – Mission design, integration and implementation	20,00		12.03.19	X
SPACE-20-SCI-2018: Scientific instrumentation and technologies enabling space science and exploration	10,00	06.03.18		
SU-SPACE-21-SEC-2020: Exploring concepts for space traffic management				X
SU-SPACE-22-SEC-2019: Space Weather	9,00		12.03.19	
SU-SPACE-23-SEC-2020: Near Earth objects				X
LC-SPACE-24-EO-2020: Copernicus evolution - Mission exploitation concepts				X
DT-SPACE-25-EO-2020: Copernicus big data algorithm factory				X
DT-SPACE-26-BIZ-2020: Space hubs (support to start-ups)				X

LEIT Leadership and Enabling Industrial Technologies - Space	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
SPACE-27-TEC-2020: SRC - Space robotics technologies				X
SPACE-28-TEC-2020: SRC - In space electrical propulsion and station keeping				X
SPACE-29-TEC-2020: Satellite communication technologies				X
SPACE-30-SCI-2020: Scientific data exploitation				X
Call - EGNSS market uptake 2019-2020				
LC-SPACE-EGNSS-1-2019-2020: EGNSS applications fostering green, safe and smart mobility	10,00		05.03.19	X
DT-SPACE-EGNSS-2-2019-2020: EGNSS applications fostering digitisation	4,00		05.03.19	X
SU-SPACE-EGNSS-3-2019-2020: EGNSS applications fostering societal resilience and protecting the environment	4,00		05.03.19	X
SPACE-EGNSS-4-2019: Awareness Raising and capacity building	2,00		05.03.19	
LEIT-Space Total	225,00			

[Further information](#)

Innovation in SMEs	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
Call - For a better innovation support to SMEs				
INNOSUP-01-2018-2020: Cluster facilitated projects for new industrial value chains	42,82	12.04.18 ¹ 13.09.18 ²	03.04.19 ¹ 12.09.19 ²	X
INNOSUP-02-2019-2020: European SME innovation Associate - pilot	4,00		17.01.19	X
INNOSUP-03-2018: Blockchain and distributed ledger technologies for SMEs	1,50	15.05.18		
INNOSUP-04-2019: Workplace innovation uptake by SMEs	1,50		17.01.19	
INNOSUP-05-2018-2020: Peer learning of innovation agencies	1,00	15.03.18 18.10.18	13.03.19 16.10.19	X
INNOSUP-06-2018: Supporting experimentation in innovation agencies	4,00	27.03.18 ¹ 13.09.18 ²		
INNOSUP-07-2019: European Open Innovation network in advanced technologies	1,50		01.08.19	
INNOSUP-08-2020: Pan-European advanced manufacturing assistance and training for SMEs				X
INNOSUP-09-2018: Design and development of a tool to support and improve the decision making process of investors for financing high-growth potential innovative SMES	3,00	28.02.18		
Innovation in SME Total	59,32			

[Further information](#)

Societal Challenges

SC1 Health, demographic change and wellbeing	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
Call - Better Health and care, economic growth and sustainable health systems				
SC1-BHC-01-2019: Understanding causative mechanisms in co- and multimorbidities	70,00	02.10.18 ¹	16.04.19 ²	
SC1-BHC-02-2019: Systems approaches for the discovery of combinatorial therapies for complex disorders	50,00	02.10.18 ¹	16.04.19 ²	
SC1-BHC-03-2018: Exploiting research outcomes and application potential of the human microbiome for personalised prediction, prevention and treatment of disease	50,00	18.04.18		
SC1-BHC-04-2018: Rare Disease European Joint Programme Cofund	55,00	18.04.18		
SC1-BHC-05-2018: International flagship collaboration with Canada for human data storage, integration and sharing to enable personalised medicine approaches	40,00	18.04.18		
SC1-BHC-06-2020: Digital diagnostics – developing tools for clinical decisions integrating in vitro and in vivo diagnostics				X
SC1-BHC-07-2019: Regenerative medicine: from new insights to new applications	50,00		16.04.19	
SC1-BHC-08-2020 : New therapies for Non Communicable Diseases				X
SC1-BHC-09-2018: Innovation platforms for advanced therapies of the future	54,00	18.04.18		
SC1-BHC-10-2019: Innovation Procurement: Next generation sequencing (NGS) for routine diagnosis	40,00		16.04.19	
SC1-BHC-11-2020 : New, animal-free regulatory test methods for human safety testing at the horizon of 2030				X
SC1-BHC-12-2020 : Boosting the translation of results of health research into validated, innovative applications				X
SC1-BHC-13-2019: Mining big data for early detection of infectious disease threats driven by climate change and other factors	30,00		16.04.19	
SC1-BHC-14-2019: Stratified host-directed approaches to improve prevention, treatment and/or cure of infectious diseases	95,00	02.10.18 ¹	16.04.19 ²	
SC1-BHC-15-2018: New anti-infective agents for prevention and/or treatment of neglected infectious diseases (NID)	52,00	06.02.18 ¹ 04.09.18 ²		
SC1-BHC-16-2018: Global Alliance for Chronic Diseases (GACD) - Scaling-up of evidence-based health interventions at population level for the prevention and management of hypertension and/or diabetes	20,00	18.04.18		
SC1-BHC-17-2020 : Global Alliance for Chronic Diseases (GACD) 2				X
SC1-BHC-18-2018: Translational collaborative cancer research between Europe and the	25,00	18.04.18		

SC1 Health, demographic change and wellbeing	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
Community of Latin American and Caribbean States (CELAC)				
SC1-BHC-19-2019: Implementation research for maternal and child health	25,00	02.10.18 ¹	16.04.19 ²	
SC1-BHC-20-2020 : Using pre-commercial procurements and public procurement of innovative solutions in health care systems to: - reduce the risk of hospital-acquired infections and/or - improve integrated care				X
SC1-BHC-21-2018: Research on HIV, tuberculosis (TB) and/or hepatitis C (HCV) in patients with mono-, co-infections and/or comorbidities in the context of fostering collaboration with the Russian Federation	10,00	18.04.18		
SC1-BHC-22-2019: Mental health in the workplace	30,00	02.10.18 ¹	16.04.19 ²	
SC1-BHC-23-2018: Novel patient-centred approaches for survivorship, palliation and/or end-of-life care	44,00	18.04.18		
SC1-BHC-24-2020 : Healthcare interventions for the management of the elderly multimorbid patient				X
SC1-BHC-25-2019: Demonstration pilots for implementation of personalised medicine in healthcare	60,00	02.10.18 ¹	16.04.19 ²	
SC1-BHC-26-2018: HTA research to support evidence-based healthcare	10,00	18.04.18		
SC1-BHC-27-2018: New testing and screening methods to identify endocrine disrupting chemicals	52,00	18.04.18		
SC1-BHC-28-2019: The Human Exposome Project: a toolbox for assessing and addressing the impact of environment on health	50,00		16.04.19	
SC1-BHC-29-2020 : Environment, climate change and health – novel mitigating measures for improving population health				X
SC1-HCO-01-2018-2019-2020: Actions in support of the International Consortium for Personalised Medicine	12,00	18.04.18	16.04.19	X
SC1-HCO-02-2018: Data integration and data-driven in-silico models for enabling personalised medicine - a European standardization framework	2,00	18.04.18		
SC1-HCO-03-2020 : Improving EU-13 participation in EU-supported health research programmes				X
SC1-HCO-04-2018: ERA-NET to support the Joint Programming in Neurodegenerative Diseases strategic plan (JPND)	5,00	18.04.18		
SC1-HCO-05-2018: Strengthening regulatory sciences and supporting regulatory scientific advice	2,00	18.04.18		
SC1-HCO-06-2018: Establishment of an International Network of Social Sciences Research Centres to help address governance and other challenges in the preparedness for and	3,00	18.04.18		

SC1 Health, demographic change and wellbeing	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
the response to infectious threats				
SC1-HCO-07-2020 : ERA-NET Place holder 1				X
SC1-HCO-08-2018: Creation of a European wide sustainable clinical research network for infectious diseases	3,00	18.04.18		
SC1-HCO-09-2018: Building international efforts on population and patient cohorts	2,00	18.04.18		
SC1-HCO-10-2018: Coordinating European brain research and developing global initiatives	2,00	18.04.18		
SC1-HCO-11-2018: Strategic collaboration in health research and innovation between EU and China	1,00	18.04.18		
SC1-HCO-12-2018: Innovation in healthcare - a CSA towards using pre-commercial procurement and public procurement of innovative solutions in healthcare systems	2,00	18.04.18		
SC1-HCO-13-2018: Setting the priorities for a European environment, climate and health research agenda	3,00	18.04.18		
Call - Digital transformation in Health and Care				
SC1-DTH-01-2019: Big data and Artificial Intelligence for monitoring health status and quality of life after the cancer treatment	35,00		24.04.19	
SC1-DTH-02-2020: Personalised early risk prediction, prevention and intervention				X
SC1-DTH-03-2018: Adaptive smart working and living environments supporting active and healthy ageing	25,00	24.04.18		
SC1-DTH-04-2020: International cooperation in digital solutions and robotics for independent living				X
SC1-DTH-05-2019: Large scale implementation of digital innovation for health and care in an ageing society	10,00		24.04.19	
SC1-DTH-06-2020: Accelerating the uptake of in-silico methods for testing medicines with dermatological use				X
SC1-DTH-07-2018: Exploiting the full potential of in-silico medicine research for personalised diagnostics and therapies in cloud-based environments	35,00	24.04.18		
SC1-DTH-08-2018: Prototyping a European interoperable Electronic Health Record (EHR) exchange	30,00	24.04.18		
SC1-DTH-09-2019: Scaling up the univocal Identification of Medicinal Products	19,00		24.04.19	
SC1-DTH-10-2019-2020: Digital health and care services	22,00	14.11.18		X
SC1-DTH-11-2019: Large Scale pilots of personalised & outcome based integrated care	20,00		24.04.19	
SC1-HCC-01-2018: Supporting investment in smart living environments for ageing well through certification	1,00	24.04.18		
SC1-HCC-02-2019: Support for the large scale uptake of open service platforms in the Active and Healthy Ageing domain	1,50		24.04.19	

SC1 Health, demographic change and wellbeing	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
SC1-HCC-03-2018: Support to further development of international cooperation in digital transformation of health and care	2,00	24.04.18		
SC1-HCC-04-2018: Digital health and care services – support for strategy and (early) adoption	3,00	24.04.18		
SC1-HCC-05-2018: Support to a Digital Health and Care Innovation initiative in the context of Digital Single Market strategy	4,00	24.04.18		
SC1-HCC-06-2020: Support to eHealth Innovation ecosystems in Europe				X
SC1-HCC-07-2020: Support for European eHealth Interoperability roadmap deployment				X
SC1-HCC-08-2020: Scaling up innovation for active and healthy ageing				X
SC1-HCC-09-2020: Supporting deployment of eHealth in developing countries for better health outcomes				X
Call - Trusted digital solutions and Cybersecurity in Health and Care				
DT-TDS-01-2019: Smart and healthy living at home	60,00	14.11.18		
SU-TDS-02-2018: Toolkit for assessing and reducing cyber risks in hospitals and care centres to protect privacy/data/infrastructures	35,00	24.04.18		
SU-TDS-03-2018: Raising awareness and developing training schemes on cybersecurity in hospitals	1,00	24.04.18		
DT-TDS-04-2020: Demonstrating the potential and benefits of a European Digital Health Infrastructure for Personalised Medicine				X
DT-ICT-12-2020: The smart hospital of the future				X
SC1 Total	1.252,50			

[Further information](#)

SC2 Food security, sustainable agriculture and forestry, marine and inland water research and the bioeconomy	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
Call - Sustainable Food Security - From functional ecosystems to healthy food				
SFS-01-2018-2019-2020: Biodiversity in action: across farmland and the value chain	30,00	13.02.18 ¹ 11.09.18 ²	23.01.19 ¹ 04.09.19 ²	X
SFS-02-2020 - Healthy livestock gut ecosystem for sustainable production				X
LC-SFS-03-2018: Microbiome applications for sustainable food systems	42,00	13.02.18		
SFS-04-2019-2020: Integrated health approaches and alternatives to pesticide use	15,00		23.01.19 ¹ 04.09.19 ²	X
SFS-05-2018-2019-2020: New and emerging risks to plant health	14,00	13.02.18 ¹ 11.09.18 ²	23.01.19 ¹ 04.09.19 ²	X
SFS-06-2018-2020: Stepping up integrated pest management	5,00	13.02.18 ¹ 11.09.18 ²		X
SFS-07-2018: Making European beekeeping healthy and sustainable	8,00	13.02.18 ¹ 11.09.18 ²		
SFS-08-2018-2019: Improving animal welfare	16,00	13.02.18 ¹ 11.09.18 ²	23.01.19	
SFS-09-2020 - Husbandry for quality				X
SFS-10-2020 - Epidemiology of contagious animal diseases				X
SFS-11-2018-2019: Anti-microbials and animal production	18,00	13.02.18 ¹ 11.09.18 ²	23.01.19 ¹ 04.09.19 ²	
SFS-12-2019: A vaccine against African swine fever	10,00		23.01.19	
SFS-13-2020 - Genome enabled breeding				X
DT-SFS-14-2018: Personalized Nutrition	28,00	13.02.18		
LC-SFS-15-2018: Future proofing our plants	3,00	13.02.18		
SFS-16-2018: Towards healthier and sustainable food	14,00	13.02.18 ¹ 11.09.18 ²		
LC-SFS-17-2019: Alternative proteins for food and feed	32,00		23.01.19	
SFS-18-2020 - Food systems pilot action				X
LC-SFS-19-2018-2019: Climate-smart and resilient farming	21,00	13.02.18 ¹ 11.09.18 ²	23.01.19 ¹ 04.09.19 ²	
LC-SFS-20-2019: European Joint Programme on agricultural soil management	40,00		23.01.19	
SFS-21-2020 - Soils going global				X
LC-SFS-22-2020 - Forest soils Research and Innovation Action				X
SFS-23-2019: Integrated water management in small agricultural catchments	14,00		23.01.19 ¹ 04.09.19 ²	
CE-SFS-24-2019: Innovative and citizen-driven food system approaches in cities	12,00		23.01.19	
CE-SFS-25-2018: Integrated system innovation in valorising urban biowaste	20,00	13.02.18		
DT-SFS-26-2019: Food Cloud demonstrators	10,00		23.01.19	
SFS-27-2018: Monitoring food R&I investments and impacts	7,00	13.02.18 ¹ 11.09.18 ²		
SFS-28-2018-2019-2020: Genetic resources and pre-breeding communities	17,00	13.02.18	23.01.19 ¹ 04.09.19 ²	X
SFS-29-2018: Innovations in plant variety testing	8,00	13.02.18 ¹ 11.09.18 ²		
SFS-30-2018-2019-2020: Agri-Aqua Labs	28,00	13.02.18 ¹ 11.09.18 ²	23.01.19 ¹ 04.09.19 ²	X
SFS-31-2019: ERANETs in agri-food	21,00		23.01.19	

SC2 Food security, sustainable agriculture and forestry, marine and inland water research and the bioeconomy	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
SFS-32-2018: Supporting microbiome coordination and the International Bioeconomy Forum	2,75	13.02.18		
SFS-33-2018: Support to the implementation of the EU-Africa Research and Innovation Partnership on Food and Nutrition Security & Sustainable Agriculture (FNSSA)	5,00	13.02.18		
LC-SFS-34-2019: Food Systems Africa	21,00		23.01.19 ¹ 04.09.19 ²	
SFS-35-2019-2020: Sustainable Intensification in Africa	35,00		23.01.19 ¹ 04.09.19 ²	X
CE-SFS-36-2020 – Diversifying farmers' income through small bio-based concepts				X
SFS-37-2019: Integrated approaches to food safety controls across the food chain	8,00		23.01.19 ¹ 04.09.19 ²	
SFS-38-2018: Highly efficient management of soil quality and land resources	5,00	13.02.18 ¹ 11.09.18 ²		
CE-SFS-39-2019: High-quality organic fertilisers from biogas digestate	5,00		23.01.19	
SFS-40-2020 - Healthy soils for healthy food production				X
Call - Blue Growth				
BG-01-2018: Towards a Baltic and North Sea research and innovation programme	2,50	13.02.18		
BG-02-2018: Blue Bioeconomy Public-Public Partnership	8,00	13.02.18		
LC-BG-03-2018: Sustainable harvesting of marine biological resources	12,00	13.02.18 ¹ 11.09.18 ²		
DT-BG-04-2018-2019: Sustainable European aquaculture 4.0: nutrition and breeding	24,00	13.02.18	23.01.19	
BG-05-2019: Multi-use of the marine space, offshore and near-shore: pilot demonstrators	18,00		23.01.19	
CE-BG-06-2019: Sustainable solutions for bio-based plastics on land and sea	18,00		23.01.19	
BG-07-2019-2020: The Future of Seas and Oceans Flagship Initiative	18,00		23.01.19	
BG-08-2018-2019: All Atlantic Ocean Research Alliance Flagship	64,00	13.02.18 13.02.18 ¹ 11.09.18 ²	23.01.19 ¹ 04.09.19 ²	
LC-BG-09-2019: Coordination of marine and maritime research and innovation in the Black Sea	2,00		23.01.19	
Call - Rural Renaissance				
RUR-01-2018-2019: Building modern rural policies on long-term visions and societal engagement	23,00	13.02.18 13.02.18 ¹ 11.09.18 ²	23.01.19 ¹ 04.09.19 ²	
RUR-02-2018: Socio-economic impacts of digitisation of agriculture and rural areas	5,00	13.02.18 ¹ 11.09.18 ²		
RUR-03-2018: Contracts for effective and lasting delivery of agri-environmental public goods	15,00	13.02.18 ¹ 11.09.18 ²		
RUR-04-2018-2019: Analytical tools and models to support policies related to agriculture and food	17,00	13.02.18 ¹ 11.09.18 ²	23.01.19 ¹ 04.09.19 ²	
RUR-05-2020 - Connecting consumers and producers in innovative supply chains				X
RUR-06-2020 - Innovative agri-food chains				X
RUR-07-2020 - Reducing food losses along the				X

SC2 Food security, sustainable agriculture and forestry, marine and inland water research and the bioeconomy	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
value chain				
CE-RUR-08-2018-2019-2020: Closing nutrient cycles	14,00	13.02.18 ¹ 11.09.18 ²	23.01.19	
RUR-09-2018: Realising the potential of regional and local bio-based economies	3,00	13.02.18		
CE-RUR-10-2019: Circular bio-based business models for rural communities	20,00		23.01.19	
LC-RUR-11-2019-2020: Sustainable wood value chains	20,00		23.01.19	
DT-RUR-12-2018: ICT Innovation for agriculture – Digital Innovation Hubs for Agriculture	20,00	13.02.18		
RUR-13-2018: Enabling the farm advisor community to prepare farmers for the digital age	7,00	13.02.18		
RUR-14-2018: Digital solutions and e-tools to modernise the CAP	10,00	13.02.18		
RUR-15-2018-2019-2020: Thematic networks compiling knowledge ready for practice	22,43	13.02.18	23.01.19	X
RUR-16-2019: Fuelling the potential of advisors for innovation	5,00		23.01.19	
RUR-17-2020 - Networking European farms to boost thematic knowledge exchanges and close the innovation gap				X
SC2 Total	862,68			

[Further information](#)

SC3 Secure, clean and efficient energy	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
Call – Building a low-carbon, climate resilient future: secure, clean and efficient energy				
LC-SC3-CC-1-2018-2019-2020: Social Sciences and Humanities (SSH) aspects of the Clean-Energy Transition	20,00	06.09.18	27.08.19	
LC-SC3-CC-2-2018: Modelling in support to the transition to a Low-Carbon Energy System in Europe	5,00	06.09.18		
LC-SC3-CC-3-2019: Support for the opening of low-carbon energy research databases in Europe	2,00		27.08.19	
LC-SC3-CC-4-2018: Support to sectorial fora	8,50	19.04.18		
LC-SC3-CC-5-2018: Research, innovation and educational capacities for energy transition	4,00	06.09.18		
LC-SC3-CC-6-2018: Transition in coal intensive regions	2,00	06.09.18		
LC-SC3-EC-1-2018-2019-2020: The role of consumers in changing the market through informed decision and collective actions	10,00	04.09.18	03.09.19	
LC-SC3-EC-2-2018-2019-2020: Mitigating household energy poverty	10,00	04.09.18	03.09.19	
LC-SC3-EC-3-2020 - Consumer engagement and demand response				X
LC-SC3-EE-1-2018-2019-2020: Decarbonisation of the EU building stock: innovative approaches and affordable solutions changing the market for buildings renovation	21,00	04.09.18	03.09.19	
LC-SC3-EE-2-2018-2019: Integrated home renovation services	17,00	04.09.18	03.09.19	
LC-SC3-EE-3-2019-2020: Stimulating demand for sustainable energy skills in the construction sector	6,00		03.09.19	
LC-SC3-EE-4-2019-2020: Upgrading smartness of existing buildings through innovations for legacy equipment	10,00		03.09.19	
LC-SC3-EE-5-2018-2019-2020: Next-generation of Energy Performance Assessment and Certification	15,00	04.09.18	03.09.19	
LC-SC3-EE-6-2018-2019-2020: Business case for industrial waste heat/cold recovery	19,00	04.09.18	03.09.19	
LC-SC3-EE-7-2020: Increasing energy efficiency of small data centres				X
LC-SC3-EE-8-2018-2019: Capacity building programmes to support implementation of energy audits	15,00	04.09.18	03.09.19	
LC-SC3-EE-9-2018-2019: Innovative financing for energy efficiency investments	10,00	04.09.18	03.09.19	
LC-SC3-EE-10-2018-2019-2020: Mainstreaming energy efficiency finance	12,00	04.09.18	03.09.19	
LC-SC3-EE-11-2018-2019-2020: Aggregation - Project Development Assistance	13,00	04.09.18	03.09.19	
LC-SC3-EE-12-2020: Innovation procurement for energy efficiency				X
LC-SC3-EE-13-2018-2019-2020: Enabling next-generation of smart energy services valorising energy efficiency and flexibility at demand-side as energy resource	12,00	04.09.18	03.09.19	

SC3 Secure, clean and efficient energy	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
LC-SC3-EE-14-2018-2019-2020: Socio-economic research conceptualising and modelling energy efficiency and energy demand	8,00	04.09.18	03.09.19	
LC-SC3-EE-15-2018: New energy label driving and boosting innovation in products energy efficiency	5,00	04.09.18		
LC-SC3-EE-16-2018-2019-2020: Supporting public authorities to implement the Energy Union	18,00	04.09.18	03.09.19	
LC-SC3-EE-17-2019: European City facility - European Cities as key innovation hubs to unlock finance for energy efficiency	11,00		05.02.19	
LC-SC3-ES-1-2019: Flexibility and retail market options for the distribution grid	37,30		05.02.19	
LC-SC3-ES-2-2019: Solutions for increased regional cross-border cooperation in the transmission grid	25,00		05.02.19	
LC-SC3-ES-3-2018-2020: Integrated local energy systems (Energy islands)	26,30	05.04.18		
LC-SC3-ES-4-2018-2020: Decarbonising energy systems of geographical Islands	19,00	05.04.18		
LC-SC3-ES-5-2018-2020: TSO – DSO – Consumer: Large-scale demonstrations of innovative grid services through demand response, storage and small-scale (RES) generation	30,00	05.04.18		
LC-SC3-ES-6-2019: Research on advanced tools and technological development	25,35		05.02.19	
LC-SC3-ES-7-2018: Pan-European Forum for R&I on Smart Grids, Flexibility and Local Energy Networks	3,00	05.04.18		
LC-SC3-ES-8-2019: European Islands Facility - Unlock financing for energy transitions and supporting islands to develop investment concepts	10,00		05.02.19	
LC-SC3-JA-1-2018: Joint programming actions to foster innovative energy solutions	10,00	11.09.18		
LC-SC3-JA-2-2018: Support to the realisation of the Implementation Plans of the SET Plan	6,00	11.09.18		
LC-SC3-JA-3-2019: European Pre-Commercial Procurement Programme for Wave Energy Research & Development	20,00		27.08.19	
LC-SC3-JA-4-2018: Support action in preparation of a Joint Programming activity	1,00	31.01.18		
LC-SC3-JA-5-2019: Joint Programming with EU and African partners for a R&I actions in the area of renewable energy	15,00		27.08.19	
LC-SC3-NZE-1-2018: Advanced CO2 capture technologies	20,00	06.09.18		
CE-SC3-NZE-2-2018: Conversion of captured CO2	12,00	06.09.18		
LC-SC3-NZE-3-2018: Strategic planning for CCUS development	3,00	06.09.18		
LC-SC3-NZE-4-2019: Integrated solutions for flexible operation of fossil fuel power plants through power-to-X-to-power and/or energy storage	20,00		27.08.19	

SC3 Secure, clean and efficient energy	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
LC-SC3-NZE-5-2019-2020: Low carbon industrial production using CCUS	33,00		27.08.19	
LC-SC3-NZE-6-2020: Geological Storage Pilots				X
LC-SC3-RES-1-2019-2020: Developing the next generation of renewable energy technologies	20,00	16.10.18 ¹	25.04.19 ²	
LC-SC3-RES-2-2018: Disruptive innovation in clean energy technologies	12,00	19.04.18		
LC-SC3-RES-3-2020: International Cooperation with USA on alternative renewable fuels for energy and transport				X
LC-SC3-RES-4-2018: Renewable energy system integrated at the building scale	27,50	31.01.18 ¹ 23.08.18 ²		
LC-SC3-RES-5-2018: Increased performance of technologies for local heating and cooling solutions	10,00	13.02.18		
LC-SC3-RES-6-2018: Demonstrate significant cost reduction for Building Integrated PV (BIPV) solutions	30,00	13.02.18		
LC-SC3-RES-7-2019: Solar Energy in Industrial Processes	10,00		27.08.19	
LC-SC3-RES-8-2019: Combining Renewable Technologies for a Renewable District Heating and/or Cooling Systems	15,00	11.12.18		
LC-SC3-RES-9-2020: Next generation of thin-film photovoltaic technologies				X
LC-SC3-RES-10-2020: Pre-Commercial Procurement for a 100% Renewable Energy Supply				X
LC-SC3-RES-11-2018: Developing solutions to reduce the cost and increase performance of renewable technologies	30,00	31.01.18 ¹ 23.08.18 ²		
LC-SC3-RES-12-2018: Demonstrate highly performant renewable technologies for combined heat and power (CHP) generation and their integration in the EU's energy system	30,00	13.02.18		
LC-SC3-RES-13-2018: Demonstrate solutions that significantly reduce the cost of renewable power generation	45,00	13.02.18		
LC-SC3-RES-14-2019: Optimising manufacturing and system operation	20,00	16.10.18 ¹	25.04.19 ²	
LC-SC3-RES-15-2019: Increase the competitiveness of the EU PV manufacturing industry	25,00	11.12.18		
LC-SC3-RES-16-2019: Development of solutions based on renewable sources that provide flexibility to the energy system	15,00		27.08.19	
LC-SC3-RES-17-2019: Demonstration of solutions based on renewable sources that provide flexibility to the energy system	40,00	11.12.18		
LC-SC3-RES-18-2020: Demonstration of the solutions based on renewable sources that provide flexibility to the energy system				X
LC-SC3-RES-19-2020: Demonstration of floating wind farms				X

SC3 Secure, clean and efficient energy	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
LC-SC3-RES-20-2020: Efficient combination of concentrated solar power (CSP) and desalination (with particular focus on the Gulf Cooperation Council (GCC) region)				X
LC-SC3-RES-21-2018: Development of next generation biofuels and alternative renewable fuel technologies for road transport	25,00	13.02.18		
LC-SC3-RES-22-2018: Demonstration of cost effective advanced biofuel pathways in retrofitted existing industrial installations	20,00	05.04.18		
LC-SC3-RES-23-2019: Development of next generation biofuel and alternative renewable fuel technologies for aviation and shipping	20,00		27.08.19	
LC-SC3-RES-24-2019: Boosting pre-commercial production of advanced aviation biofuels	20,00	11.12.18		
LC-SC3-RES-25-2020: International cooperation for Research and Innovation on advanced biofuels and alternative renewable fuels				X
LC-SC3-RES-26-2020: Development of next generation biofuel and alternative renewable fuel technologies from CO2 and renewable energy (Power and Energy to Fuels)				X
LC-SC3-RES-27-2020: Demonstration of advanced biofuels production from aquatic biomass				X
LC-SC3-RES-28-2018-2019-2020: Market Uptake support	30,00	13.02.18 11.12.18		
LC-SC3-SCC-1-2018-2019-2020: Smart Cities and Communities	116,00	05.04.18	05.02.19	
SC3 Total	1.129,95			

[Further information](#)

SC4 Smart, green and integrated transport	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
Call - 2018-2020 Mobility for Growth				
LC-MG-1-1-2018: InCo flagship on reduction of transport impact on air quality	30,00	30.01.18 ¹ 19.09.18 ²		
LC-MG-1-2-2018: Sustainable multi-modal inter-urban transport, regional mobility and spatial planning	12,00	30.01.18 ¹ 19.09.18 ²		
LC-MG-1-3-2018: Harnessing and understanding the impacts of changes in urban mobility on policy making by city-led innovation for sustainable urban mobility	14,00	04.04.18 30.01.18 ¹ 19.09.18 ²		
LC-MG-1-4-2018: Hardening vehicle environmental protection systems against tampering	5,00	30.01.18 ¹ 19.09.18 ²		
LC-MG-1-5-2019: Advancements in aerodynamics and innovative propulsion systems for quieter and greener aircrafts	15,00		16.01.19 ¹ 12.09.19 ²	
LC-MG-1-6-2019: Aviation operations impact on climate change (InCo flagship)	10,00		24.04.19	
LC-MG-1-7-2019: Future propulsion and integration: towards a hybrid/electric aircraft (InCo flagship)	15,00		24.04.19	
LC-MG-1-8-2019: Retrofit Solutions and Next Generation Propulsion for Waterborne Transport	23,00		16.01.19 ¹ 12.09.19 ²	
LC-MG-1-9-2019: Upgrading transport infrastructure in order to monitor noise and emissions	7,00		16.01.19 ¹ 12.09.19 ²	
LC-MG-1-10-2019: Logistics solutions that deal with requirements of the 'on demand economy' and for shared-connected and low-emission logistics operations	10,00		16.01.19 ¹ 12.09.19 ²	
MG-2-1-2018: Human Factors in Transport Safety	18,00	30.01.18 ¹ 19.09.18 ²		
MG-2-2-2018: Marine Accident Response	35,00	30.01.18 ¹ 19.09.18 ²		
MG-2-3-2018: Airworthiness of mass-market drones	3,00	04.04.18		
MG-2-4-2018: Coordinating national efforts in modernizing transport infrastructure and provide innovative mobility services	1,00	04.04.18		
MG-2-5-2018: Innovative technologies for improving aviation safety and certification in icing conditions (InCo flagship)	16,00	04.04.18		
MG-2-6-2019: Moving freight by Water: Sustainable Infrastructure and Innovative Vessels	30,00		16.01.19 ¹ 12.09.19 ²	
MG-2-7-2019: Safety in an evolving road mobility environment	8,00		16.01.19 ¹ 12.09.19 ²	
MG-2-8-2019: Innovative applications of drones for ensuring safety in transport	15,00		16.01.19 ¹ 12.09.19 ²	
MG-2-9-2019: InCo Flagship on Integrated multimodal, low-emission freight transport systems and logistics	14,00		16.01.19 ¹ 12.09.19 ²	
MG-2-10-2020: Towards full automated infrastructure construction and maintenance				X

SC4 Smart, green and integrated transport	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
MG-2-11-2020: Jointly implementing innovation in the areas of safety, connectivity and infrastructure (ERA-net Co-fund)				X
MG-3-1-2018: Multidisciplinary and collaborative aircraft design tools and processes	12,00	30.01.18 ¹ 19.09.18 ²		
MG-3-2-2018: The Autonomous Ship	20,00	30.01.18 ¹ 19.09.18 ²		
MG-3-3-2018: "Driver" behaviour and acceptance of connected, cooperative and automated transport	12,00	30.01.18 ¹ 19.09.18 ²		
MG-3-4-2020: Enhanced avionics, operations and door-to-door user-experience through higher connectivity and automation				X
MG-3-5-2020: Towards a high-speed global air transportation demonstration				X
MG-3-6-2020: Next Generation Multifunctional and Intelligent Aerostructures – from manufacturing to maintenance and recycling				X
MG-3-7-2020: Improved Production Processes in Ship building				X
MG-4-1-2018: New regulatory frameworks to enable effective deployment of emerging technologies and business/operating models for all transport modes	2,00	04.04.18		
MG-4-2-2018: Building Open Science platforms in transport research	3,00	04.04.18		
MG-4-3-2018: Demographic change and participation of women in transport	5,00	04.04.18		
MG-4-4-2018-2019: Support for dissemination events in the field of Transport Research	2,10	04.04.18	24.04.19	
MG-4-5-2019: An inclusive digitally interconnected transport system meeting citizens' needs	7,00		24.04.19	
MG-4-6-2019: Supporting Joint Actions on sustainable urban accessibility and connectivity	6,00		24.04.19	
MG-4-7-2020: Digitisation of the transport system: data sharing, analytics				X
MG-4-08-2020: Advanced methods and tools in support of transport/mobility researchers, planners and policy makers				X
MG-BG-01-2018: Unmanned and autonomous survey activities at sea	8,00	04.04.18		
MG-BG-02-2019: Ship emission control scenarios, marine environmental impact and mitigation	8,00		24.04.19	
MG-BG-03-2020: Under water noise mitigation and environmental impact				X
Call - 2018-2020 Digitising and Transforming European Industry and Services: Automated Road Transport				
DT-ART-01-2018: Testing, validation and certification procedures for highly automated driving functions under various traffic scenarios based on pilot test data	6,00	04.04.18		
DT-ART-02-2018: Support for networking activities and impact assessment for road automation	9,00	04.04.18		
DT-ART-03-2019: Human centred design for the new driver role in highly automated vehicles	8,00		24.04.19	

SC4 Smart, green and integrated transport	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
DT-ART-04-2019: Developing and testing shared, connected and cooperative automated vehicle fleets in urban areas for the mobility of all	30,00		24.04.19	
DT-ART-05-2020 - Efficient and safe connected and automated heavy-duty vehicles in real logistics operations				X
DT-ART-06-2020 - Large-scale, cross-border demonstration of highly automated driving functions for passenger cars				X
Call - Building a low-carbon, climate resilient future: Green Vehicles				
LC-GV-01-2018: Integrated, brand-independent architectures, components and systems for next generation electrified vehicles optimised for the infrastructure	42,00	04.04.18		
LC-GV-02-2018: Virtual product development and production of all types of electrified vehicles and components	14,00	04.04.18		
LC-GV-03-2019: User centric charging infrastructure	35,00		24.04.19	
LC-GV-04-2019: Low-emissions propulsion for long-distance trucks and coaches	25,00		24.04.19	
LC-GV-05-2019: InCo flagship on "Urban mobility and sustainable electrification in large urban areas in developing and emerging economies"	18,00		24.04.19	
LC-GV-06-2020 - Next generation and realisation of battery packs for BEV and HEV				X
LC-GV-07-2020 - Advanced light materials and their production processes for automotive applications				X
LC-GV-08-2020 - Reducing the environmental impact of hybrid light duty vehicles				X
LC-GV-09-2020 - Next generation electrified vehicles for urban use				X
SC4 Total	553,10			

[Further information](#)

SC5 Climate action, environment, resource efficiency and raw materials	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
Call - Building a low-carbon, climate resilient future: climate action in support of the Paris Agreement				
LC-CLA-01-2018: Supporting the development of climate policies to deliver on the Paris Agreement, through Integrated Assessment Models (IAMs)	25,00	27.02.18 ¹ 04.09.18 ²		
LC-CLA-02-2019: Negative emissions and land-use based mitigation assessment	22,00		19.02.19 ¹ 04.09.19 ²	
LC-CLA-03-2018: Climate change impacts in Europe	20,00	27.02.18 ¹ 04.09.18 ²		
LC-CLA-04-2018: Resilience and sustainable reconstruction of historic areas to cope with climate change and hazard events	18,00	27.02.18 ¹ 04.09.18 ²		
LC-CLA-05-2019: Human dynamics of climate change	23,00		19.02.19 ¹ 04.09.19 ²	
LC-CLA-06-2019: Inter-relations between climate change, biodiversity and ecosystem services	25,00		19.02.19 ¹ 04.09.19 ²	
LC-CLA-07-2019: The changing cryosphere: uncertainties, risks and opportunities	41,00		19.02.19 ⁽¹⁾ 04.09.19 ²	
LC-CLA-08-2018: Addressing knowledge gaps in climate science, in support of IPCC reports	60,00	27.02.18 ¹ 04.09.18 ²		
Call - Greening the economy in line with the Sustainable Development Goals (SDGs)				
CE-SC5-01-2018: Methods to remove hazardous substances and contaminants from secondary raw materials	34,00	27.02.18 ¹ 04.09.18 ²		
CE-SC5-02-2018: Independent testing programme on premature obsolescence	5,00	27.02.18 ¹ 04.09.18 ²		
CE-SC5-03-2018: Demonstrating systemic urban development for circular and regenerative cities	39,00	27.02.18 ¹ 04.09.18 ²		
CE-SC5-04-2019: Building a water-smart economy and society	72,00		19.02.19 ¹ 04.09.19 ²	
CE-SC5-05-2018: Coordinated approaches to funding and promotion of research and innovation for the circular economy	2,00	27.02.18		
CE-SC5-06-2018: New technologies for the enhanced recovery of by-products	15,00	27.02.18 ¹ 04.09.18 ²		
CE-SC5-07-2018-2019-2020: Raw materials innovation for the circular economy: sustainable processing, reuse, recycling and recovery schemes	50,00	27.02.18 ¹ 04.09.18 ²	19.02.19 ¹ 04.09.19 ²	X
CE-SC5-08-2018-2019-2020: Raw materials policy support actions for the circular economy	8,00	27.02.18	19.02.19	X
SC5-09-2018-2019: New solutions for the sustainable production of raw materials	50,00	27.02.18 ¹ 04.09.18 ²	19.02.19 ¹ 04.09.19 ²	
SC5-10-2019-2020: Raw materials innovation actions: exploration and Earth observation in support of sustainable mining	20,00		19.02.19 ¹ 04.09.19 ²	X
SC5-11-2018: Digital solutions for water: linking the physical and digital world for water solutions	14,00	27.02.18 ¹ 04.09.18 ²		

SC5 Climate action, environment, resource efficiency and raw materials	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
SC5-12-2018: EU-India water co-operation	15,00	27.02.18		
SC5-13-2018-2019: Strengthening international cooperation on sustainable urbanisation: nature-based solutions for restoration and rehabilitation of urban ecosystems	20,00	04.09.18	19.02.19 ¹ 04.09.19 ²	
SC5-14-2019: Visionary and integrated solutions to improve well-being and health in cities	43,00		19.02.19 ¹ 04.09.19 ²	
SC5-15-2018: Strengthening the benefits for Europe of the Global Earth Observation System of Systems (GEOSS) - establishing 'EuroGEOSS'	15,00	27.02.18 ¹ 04.09.18 ²		
SC5-16-2019: Development of commercial activities and services through the use of GEOSS and Copernicus data	16,00		19.02.19 19.02.19 ¹ 04.09.19 ²	
SC5-17-2018: Towards operational forecasting of earthquakes and early warning capacity for more resilient societies	18,00	27.02.18 ¹ 04.09.18 ²		
SC5-18-2018: Valuing nature: mainstreaming natural capital in policies and in business decision-making	7,70	27.02.18		
SC5-19-2018: International network to promote cultural heritage innovation and diplomacy		27.02.18		
SC5-20-2019: Transforming historic urban areas and/or cultural landscapes into hubs of entrepreneurship and social and cultural integration	25,00		19.02.19 ¹ 04.09.19 ²	
SC5-21-2019-2020: ERA-NET Cofund action(s) for climate action, environment, resource efficiency and raw materials	10,00		19.02.19	X
SC5-24-2020: Sustainable management in extractive industries				X
SC5-25-2020: Strengthening EU-China cooperation on sustainable urbanisation: enhanced natural treatment solutions for water security and ecological quality of water in cities				X
SC5 Total	712,70			

[Further information](#)

SC6 Europe in a changing world – Inclusive, innovative and reflective societies	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
Call - Migration				
MIGRATION-01-2019: Understanding migration mobility patterns: elaborating mid and long-term migration scenarios	9,00		14.03.19	
MIGRATION-02-2018: Towards forward-looking migration governance: addressing the challenges, assessing capacities and designing future strategies	9,00	13.03.18		
MIGRATION-03-2019: Social and economic effects of migration in Europe and integration policies	9,00		14.03.19	
MIGRATION-04-2020: Inclusive and innovative practices for the integration of migrants in urban areas				X
MIGRATION-05-2018-2020: Mapping and overcoming integration challenges for migrant children	6,00	13.03.18		
DT-MIGRATION-06-2018-2019: Addressing the challenge of migrant integration through ICT-enabled solutions	20,00	13.03.18	14.03.19	
MIGRATION-06-2018-2020-continued: Mapping and overcoming integration challenges for migrant children				X
MIGRATION-07-2019: International protection of refugees in a comparative perspective	9,00		14.03.19	
MIGRATION-08-2018: Addressing the challenge of forced displacement	9,00	13.03.18		
MIGRATION-09-2020: Narratives on migration and its impact: past and present				X
MIGRATION-10-2020: Innovative solutions and evidence-based recommendations on migration				X
Call – Socioeconomic and cultural transformations in the context of the fourth industrial revolution				
TRANSFORMATIONS-01-2018: Research for inclusive growth: addressing the socioeconomic effects of technological transformations	9,00	13.03.18		
DT-TRANSFORMATIONS-02-2018-2019-2020: Transformative impact of disruptive technologies in public services	16,00	13.03.18	14.03.19	
TRANSFORMATIONS-03-2018-2019: Innovative solutions for inclusive and sustainable urban environments	7,50	13.03.18	14.03.19	
TRANSFORMATIONS-04-2019-2020: Innovative approaches to urban and regional development through cultural tourism	9,00		14.03.19	X
TRANSFORMATIONS-05-2018: Cities as a platform for citizen-driven innovation	1,00	13.03.18		
TRANSFORMATIONS-06-2018: Inclusive and sustainable growth through cultural and creative industries and the arts	7,50	13.03.18		
DT-TRANSFORMATIONS-07-2019: The impact of technological transformations on children and youth	10,50		14.03.19	
TRANSFORMATIONS-08-2019: The societal value of culture and the impact of cultural policies in Europe	9,00		14.03.19	

SC6 Europe in a changing world – Inclusive, innovative and reflective societies	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
SU-TRANSFORMATIONS-09-2018: Social platform on endangered cultural heritage and on illicit trafficking of cultural goods	1,50	13.03.18		
TRANSFORMATIONS-10-2020 - Evolving European cultural symbols and identities				X
DT-TRANSFORMATIONS-11-2019: Collaborative approaches to cultural heritage for social cohesion	12,00		14.03.19	
DT-TRANSFORMATIONS-12-2018-2020: Curation of digital assets and advanced digitisation	10,00	13.03.18		
TRANSFORMATIONS-13-2019: Using big data approaches in research and innovation policy making	1,90		14.03.19	
TRANSFORMATIONS-14-2018: Supply and demand-oriented economic policies to boost robust growth in Europe – Addressing the social and economic challenges in Europe	9,00	13.03.18		
TRANSFORMATIONS-15-2020 - ERA-Net CO-FUND (EUR 10 million)				X
Call – Governance for the future				
GOVERNANCE-01-2019: Trust in governance	9,00		14.03.19	
GOVERNANCE-02-2018-2019: Past, present and future of differentiation in European governance	10,50	13.03.18	14.03.19	
GOVERNANCE-03-2018: Addressing populism and boosting civic and democratic engagement	9,00	13.03.18		
GOVERNANCE-04-2019: Enhancing social rights and EU citizenship	9,00		14.03.19	
DT-GOVERNANCE-05-2018-2019-2020: New forms of delivering public goods and inclusive public services	9,50	13.03.18	14.03.19	
GOVERNANCE-06-2018: Trends and forward-looking scenarios in global governance	6,00	13.03.18		
GOVERNANCE-08-2018: Partnering for viability assessments of innovative solutions for markets outside Europe	9,00	13.03.18		
SU-GOVERNANCE-10-2019: Drivers and contexts of violent extremism in the broader MENA region and the Balkans	9,00		14.03.19	
SU-GOVERNANCE-11-2018: Extreme ideologies and polarisation	1,50	13.03.18		
DT-GOVERNANCE-12-2019-2020: Pilot on using the European cloud infrastructure for public administrations	8,00		14.03.19	
DT-GOVERNANCE-13-2019: Digitisation, Digital Single Market and European culture: new challenges for creativity, intellectual property rights and copyright	9,00		14.03.19	
GOVERNANCE-14-2018: ERA-Net Co-fund - Renegotiating democratic governance in times of disruptions	3,00	13.03.18		
GOVERNANCE-15-2018: Taking lessons from the practices of interdisciplinarity in Europe	1,50	13.03.18		
GOVERNANCE-15-2020 - International Dimension of Open Innovation				X
SC6 Total	268,90			

[Further information](#)

SC7 Secure societies – Protecting freedom and security of Europe and its citizens	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
Call - Protecting the infrastructure of Europe and the people in the European smart cities				
SU-INFRA01-2018-2019-2020: Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure in Europe	46,00	23.08.18	22.08.19	X
SU-INFRA02-2019: Security for smart and safe cities, including for public spaces	16,00		22.08.19	
Call - Security				
SU-DRS01-2018-2019-2020: Human factors, and social, societal, and organisational aspects for disaster-resilient societies	10,00	23.08.18	22.08.19	X
SU-DRS02-2018-2019-2020: Technologies for first responders	49,00	23.08.18	22.08.19	X
SU-DRS03-2018-2019-2020: Pre-normative research and demonstration for disaster-resilient societies	12,00	23.08.18	22.08.19	X
SU-DRS04-2019-2020: Chemical, biological, radiological and nuclear (CBRN) cluster	10,50		22.08.19	X
SU-DRS05-2019: Demonstration of novel concepts for the management of pandemic crises	10,00		22.08.19	
SU-FCT01-2018-2019-2020: Human factors, and social, societal, and organisational aspects to solve issues in fighting against crime and terrorism	19,60	23.08.18	22.08.19	
SU-FCT02-2018-2019-2020: Technologies to enhance the fight against crime and terrorism	49,16	23.08.18	22.08.19	X
SU-FCT03-2018-2019-2020: Information and data stream management to fight against (cyber)crime and terrorism	16,00	23.08.18	22.08.19	X
SU-FCT04-2020: Explosives: detection, intelligence, forensics				X
SU-BES01-2018-2019-2020: Human factors, and social, societal, and organisational aspects of border and external security	19,60	23.08.18	22.08.19	X
SU-BES02-2018-2019-2020: Technologies to enhance border and external security	42,00	23.08.18	22.08.19	X
SU-BES03-2018-2019-2020: Demonstration of applied solutions to enhance border and external security	20,00	23.08.18	22.08.19	X
SU-GM01-2018-2019-2020: Pan-European networks of practitioners and other actors in the field of security	15,50	23.08.18	22.08.19	X
SU-GM02-2018-2020: Strategic pre-commercial procurements of innovative, advanced systems to support security	6,00	23.08.18		X
SU-GM03-2018-2019-2020: Pre-commercial procurements of innovative solutions to enhance security	15,20	23.08.18	22.08.19	X
Call - Digital Security				
SU-DS01-2018: Cybersecurity preparedness - cyber range, simulation and economics	16,00	23.08.18		
SU-DS02-2020: Management of cyber-attacks and other risks				X
SU-DS03-2019-2020: Digital Security and privacy for citizens and Small and Medium Enterprises and Micro Enterprises	18,00		22.08.19	X

SC7 Secure societies – Protecting freedom and security of Europe and its citizens	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
SU-DS04-2018-2020: Cybersecurity in the Electrical Power and Energy System (EPES): an armour against cyber and privacy attacks and data breaches	20,00	23.08.18		X
SU-DS05-2018-2019: Digital security, privacy, data protection and accountability in critical sectors	28,50	23.08.18	22.08.19	X
SC7 Total	439,06			

[Further information](#)

Spreading Excellence and Widening Participation

Spreading Excellence and Widening Participation	Budget (Mio. €) 2018-2019	Deadline 2018	Deadline 2019	Deadline 2020
Call - WIDESPREAD				
WIDESPREAD-01-2018-2019: Teaming Phase 2	214,00	15.11.18		
WIDESPREAD-02-2018: Support to JPI Urban Europe	1,50	15.11.18		
WIDESPREAD-03-2018: Twinning	30,00	15.11.18		
WIDESPREAD-04-2019: ERA Chairs	30,00	15.11.18		
WIDESPREAD-05-2020: Twinning				X
WIDESPREAD-06-2020: ERA Chairs				X
Call - Widening Fellowships				
WF-01-2018: Widening Fellowships	5,00	12.09.18		
WF-02-2019: Widening Fellowships	6,00		11.09.19	
WF-03-2020: Widening Fellowships				X
SEWP Total	285,50			

[Further information](#)

Science with and for Society

Science with and for Society	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
Call - Science with and for Society				
SwafS-01-2018-2019-2020: Open schooling and collaboration on science education	7,50	10.04.18 ¹ 13.11.18 ²	02.04.19 ¹ 07.11.19 ²	X
SwafS-02-2018: Innovative methods for teaching ethics and research integrity	2,50	10.04.18		
SwafS-03-2018: Developing research integrity standard operating procedures	4,00	10.04.18		
SwafS-04-2018: Encouraging the re-use of research data generated by publically funded research projects	3,00	10.04.18		
SwafS-05-2018-2019-2020: Grounding RRI practices in research and innovation funding and performing organisations	10,50	10.04.18	02.04.19	X
SwafS-06-2018: Science4Refugees	2,00	10.04.18		
SwafS-07-2019: EURAXESS TOP V	3,00		02.04.19	
SwafS-08-2019-2020: Research innovation needs & skills training in PhD programmes	2,00		02.04.19	X
SwafS-09-2018-2019-2020: Supporting research organisations to implement gender equality plans	15,00	10.04.18	02.04.19	X
SwafS-10-2018: Analysing gender gaps and biases in the allocation of grants	2,00	10.04.18		
SwafS-11-2019: Scenarios for an award/certification system for gender equality in research organisations and universities in Europe	1,50		02.04.19	
SwafS-12-2019: The gender perspective of science, technology and innovation (STI) in dialogue with third countries	2,00		02.04.19	
SwafS-13-2018: Gender Equality Academy and dissemination of gender knowledge across Europe	2,00	10.04.18		
SwafS-14-2018-2019-2020: Supporting the development of territorial Responsible Research and Innovation	15,50	10.04.18	02.04.19	X
SwafS-15-2018-2019-2020: Exploring and supporting citizen science	16,00	10.04.18	02.04.19	X
SwafS-16-2019: Ethics of Innovation: the challenge of new interaction modes	3,00		02.04.19	
SwafS-17-2019: Consolidating and expanding the knowledge base on citizen science	2,50		02.04.19	
SwafS-18-2018: Taking stock of the application of the precautionary principle in R&I	6,00	10.04.18		
SwafS-19-2018-2019-2020: Taking stock and re-examining the role of science communication	7,00	10.04.18	02.04.19	X
SwafS-20-2018-2019-2020: Building the SwafS knowledge base	12,00	10.04.18 ¹ 13.11.18 ²	02.04.19 ¹ 07.11.19 ²	X
SwafS-21-2018: Advancing the Monitoring of the Evolution and Benefits of Responsible Research and Innovation	3,00	10.04.18		
SwafS-22-2018: Mobilising Research Excellence in EU Outermost Regions (OR)	4,00	10.04.18		
SwafS-23-2020: The Ethics of Organoids				X

Science with and for Society	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
SwafS-24-2020: The Ethics of technologies with high socio-economic impact				X
SwafS-25-2020: Gender-based violence in research organisations and universities				X
Science with and for Society Total	126,00			

[Further information](#)

EIC

EIC European Innovation Council (pilot)	Budget (Mio. €) 2018- 2019	Deadline 2018	Deadline 2019	Deadline 2020
Call – SME Instrument				
EIC-SMEInst-2018-2020	1.032,00	08.02.18 ¹ 03.05.18 ¹ 05.09.18 ¹ 07.11.18 ¹ 10.01.18 ² 14.03.18 ² 23.05.18 ² 10.10.18 ²	13.02.19 ¹ 07.05.19 ¹ 05.09.19 ¹ 06.11.19 ¹ 09.01.19 ² 03.04.19 ² 05.06.19 ² 09.10.19 ²	X
Call – Fast Track to Innovation (FTI)				
EIC-FTI-2018-2020	200,00	21.02.18 31.05.18 23.10.18	21.02.19 23.05.19 22.10.19	X
Call – EIC – FET - Open				
FETOPEN-01-2018-2019-2020	344,00	16.05.18	24.01.19 18.09.19	X
FETOPEN-02-2018	2,00	11.04.18		
FETOPEN-03-2018-2019-2020	5,20	16.10.18	08.10.19	X
EIC Total	1.583,20			

[Further information](#)

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