

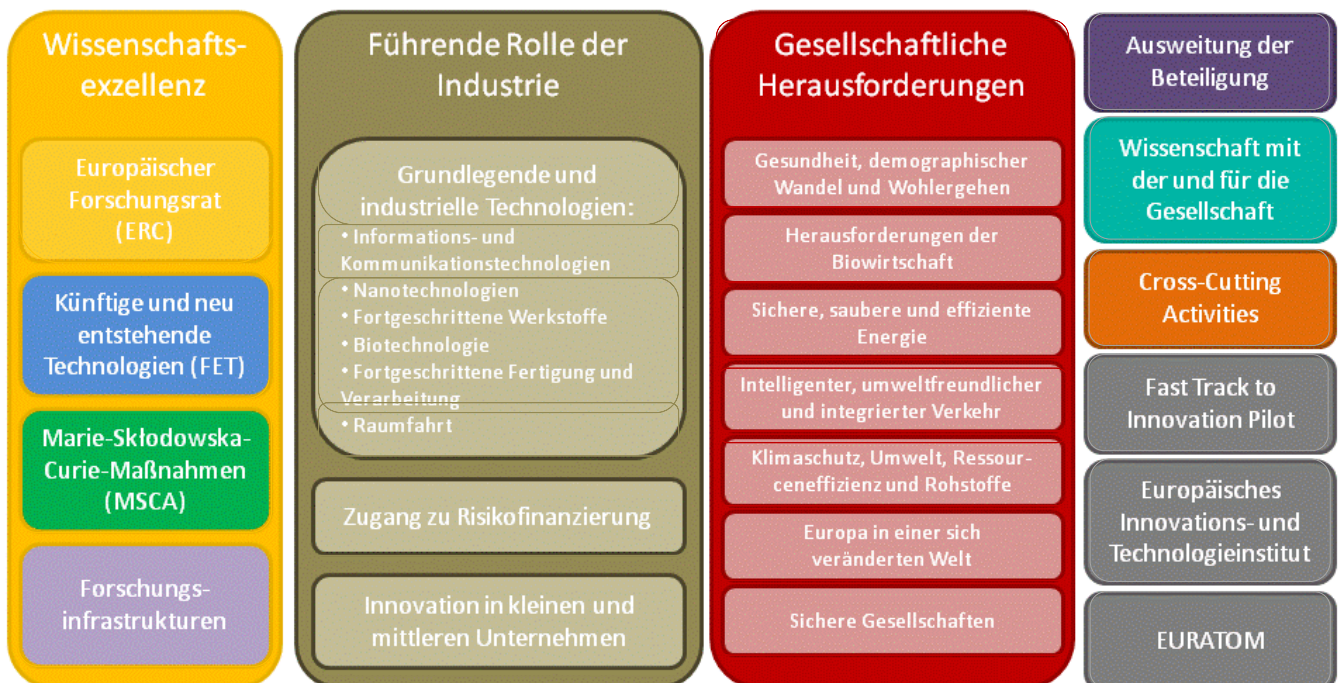
Horizon 2020: Ausschreibungen und Arbeitsprogramme 2016/2017 Stand: November 2015

Diese Übersicht basiert auf den im Oktober 2015 veröffentlichten Arbeitsprogrammen. Änderungen der Budgets und Deadlines sind möglich. Die aktuellen Konditionen entnehmen Sie bitte den konkreten Ausschreibungen im [Participant Portal](#), die Sie über die spezifischen Links in der Tabelle erreichen.

Die Daten wurden manuell zusammengestellt – sollten Sie Fehler finden, bitten wir dies zu entschuldigen. Nach Ihrer [Rückmeldung](#) korrigieren wir dies gerne.

Der Aufbau von Horizon 2020

Ein Klick auf die Grafik navigiert Sie zu den zugehörigen Ausschreibungen



Die wichtigsten Abkürzungen und Förderformen:

RIA (Research and innovation actions): Bei den Verbundprojekten in Form von Forschungs- und Innovationsmaßnahmen sollen Konsortien mit Teilnehmern aus verschiedenen Ländern neues Wissen, neue Technologien, Verfahren, Produkte und Dienstleistungen entwickeln.

CSA (Coordination and support actions): Koordinierungs- und Unterstützungsmaßnahmen sind forschungsbegleitende Maßnahmen, die im Gegensatz zu den Forschungs- und Innovationsmaßnahmen auch durch Einzelantragsteller durchgeführt werden können.

IA (Innovation actions): Die Förderung ist marktnah ausgerichtet und zielt auf verbesserte Produkte und Dienstleistungen. Förderfähig sind z.B. Pilotanlagen oder der Übergang von labor- in den technischen Maßstab.

ERA-NET Cofund: Bei Maßnahmen der Kofinanzierung werden nationale oder regionale Fördereinrichtungen, die Forschungs- und Innovationsprogramme verwalten, bei einzelnen Ausschreibungen oder Programmen finanziell unterstützt, z.B. ERA-NET-Cofund-Programme. Die nationalen Ausschreibungen folgen dann i.d.R. im Folgejahr.

Thematische Zusammenstellung aus den verschiedenen Arbeitsprogrammen:

- [Gesundheit](#)
- [Informations- und Kommunikationstechnologie](#)
- [Sozial-, Wirtschafts- und Geisteswissenschaften](#)

Weitere interessante EU-Ausschreibungen außerhalb von Horizon 2020:

- Ausschreibungen in [ERA-Nets](#)
- Ausschreibungen im Programm [Erasmus+](#)
- Ausschreibungen im Programm für [Umwelt- und Klimapolitik \(LIFE\)](#)
- Ausschreibungen der [Innovative Medicines Initiative](#)

Ihre Ansprechpartner an der Goethe-Universität Frankfurt:

Dr. Dieter Manthey, Referent für europäische und internationale Forschungsförderung (Tel: - 15196)

Kristina Wege, EU-Referentin (Tel: - 15198)

Emailadresse: eu-research-support@uni-frankfurt.de

Spezifische Anfragen zur Unterstützung koordinierter Verbundprojekte richten Sie bitte an:

Dr. Sabine Monz, EU-Projektmanagement, Tel.: -17264, Email: monz@pvw.uni-frankfurt.de

	Deadlines		Budgets (EUR million)	
	1-stufiger Antrag	2-stufiger Antrag 1. Stufe 2. Stufe	2016	2017
European Research Council - Work programme 2016-2017				
Vergibt individuelle Grants an exzellente Nachwuchs- und etablierte Wissenschaftler/innen mit bahnbrechenden Projektideen				
ERC-2016-STG: ERC Starting Grant – Themenoffene Ausschreibung, Einreichung als alleinige/r Antragsteller/in möglich				
Adressaten: PostDoktoranden-, W1-Phase, o.ä.: Nachwuchswissenschaftler/ innen 2-7 Jahre nach der Promotion (Referenzdatum für die Berechnung: 1.1.2016) Sonderregel für Erziehungszeiten, Dr. med., o.ä. Voraussetzung: Als Grundlage für die Bewertung dienen, abhängig von Forschungsfeld und Karrierezeitpunkt, bestimmte Benchmarks. So sollten Antragsteller/innen mindestens eine wichtige Publikation ohne ihre/n Promotionsbetreuer/in nachweisen können. Weitere Benchmarks sind Publikationen als Erstautor/in in führenden internationalen Zeitschriften, (übersetzte) Monographien, Patente, Vorträge auf internationalen Konferenzen oder (inter-) nationale Wissenschaftspreise. Laufzeit / Fördervolumen: bis zu 5 Jahre / bis zu 1,5 (2,0) Mio. €	17 Nov 2015		485.0	
ERC-2016-COG: ERC Consolidator Grant – Themenoffene Ausschreibung, Einreichung als alleinige/r Antragsteller/in möglich				
Adressaten: Fortgeschrittene PostDoktoranden-, W1/W2/W3-Phase: Nachwuchswissenschaftler/ innen 7-12 Jahre nach der Promotion (Referenzdatum für die Berechnung: 1.1.2016) Sonderregel für Erziehungszeiten, Dr. med., o.ä. Voraussetzung: Als Grundlage für die Bewertung dienen abhängig von Forschungsfeld und Karrierezeitpunkt bestimmte Benchmarks. So sollten Antragsteller/innen mehrere wichtige Publikationen ohne ihre/n Promotionsbetreuer/in nachweisen können. Weitere Benchmarks sind Publikationen als Erstautor/in in führenden internationalen Zeitschriften, (übersetzte) Monographien, Patente, Vorträge auf internationalen Konferenzen oder (internationale) Wissenschaftspreise. Laufzeit / Fördervolumen: bis zu 5 Jahre / bis zu 2,0 (2,75) Mio. €	02 Feb 2016		605.0	
ERC-2016-ADG: ERC Advanced Grant – Themenoffene Ausschreibung, Einreichung als alleinige/r Antragsteller/in möglich				
Adressaten: etablierte Wissenschaftler/innen jeder Nationalität mit einer herausragenden Forschungsleistung in den letzten zehn Jahren; Förderung bahnbrechender „Pionierforschung“ Voraussetzung: Als Grundlage für die Bewertung zieht der ERC in der Begutachtung – je nach Disziplin in unterschiedlicher Gewichtung – die Publikationen als Erstautor/in in führenden internationalen Zeitschriften, (übersetzte) Monographien, Patente, Vorträge auf internationalen Konferenzen, Forschungsexpeditionen, die Organisation von internationalen Konferenzen sowie (inter-)nationale Wissenschaftspreise und Akademiemitgliedschaften der Antragsteller/in heran. Laufzeit / Fördervolumen: bis zu 5 Jahre / bis zu 2,5 (3,5) Mio. €	01 Sep 2016		540.0	
ERC-PoC-2016:ERC-Proof of Concept-2016 – exklusiv für ERC-Grantees				
Adressaten: Die Förderlinie richtet sich ausschließlich an Wissenschaftler/innen, die bereits einen ERC Grant innehaben und ein Forschungsergebnis aus ihrem laufenden oder bereits abgeschlossenen Projekt vorkommerziell verwerten möchten. Ziel: Ziel eines Proof of Concept-Projektes soll es sein, das Marktpotential einer solchen Idee zu überprüfen. Der ERC finanziert hiermit also keine Forschungsaktivitäten, sondern Maßnahmen zur Weiterentwicklung im Hinblick auf die Anwendungsreife, Kommerzialisierung oder Vermarktung der Idee. Laufzeit / Fördervolumen: maximal 150.000 € für 18 Monate. Was kann gefördert werden? z.B. Marktforschung, technische Validierung, Machbarkeitsstudien, die Klärung von Fragen des geistigen Eigentums, die Analyse von Geschäftschancen oder die Erstellung eines Business-Plans.	16 Feb 2016 26 May 2016 4 Oct 2016		20.0	

	Deadlines			Budgets (EUR million)	
	1-stufiger Antrag	2-stufiger Antrag		2016	2017
		1. Stufe	2. Stufe		
2. Future and Emerging Technologies - Work programme 2016-2017					
Förderung neuartiger und visionärer Grundlagenforschung zur Öffnung neuer Wissenschafts- und Technologiefelder					
FET-Open – Novel ideas for radically new technologies					
FETOPEN-01-2016-2017 (RIA): FET-Open research and innovation actions	11 May 2016 17 Jan 2017 27 Sep 2017			84.00	110.5
FETOPEN-02-2016 (CSA): FET-Open Coordination and Support Actions FETOPEN-03-2017 (CSA): FET-Open Coordination and Support Actions FETOPEN-04-2016-2017 (CSA): FET Innovation Launchpad FETOPEN-04-2016-2017 (CSA): FET Innovation Launchpad	11 May 2016 17 Jan 2017 29 Sep 2016 27 Sep 2017			3.00 1.20	1.50 1.80
FET Proactive – Boosting emerging technologies					
FETPROACT-01-2016 (RIA): FET Proactive: emerging themes and communities FETPROACT-02-2017 (ERA-NET-Cofund): FET ERANET Cofund FETPROACT-03-2016 (ERA-NET-Cofund): FET ERANET Cofund in Quantum Technologies	12 Apr 2016 24 Jan 2017 12 Apr 2016			80.00 10.00	5.00
FET Proactive – High Performance Computing					
FETHPC-01-2016 (RIA): Co-design of HPC systems and applications FETHPC-02-2017 (RIA): Transition to Exascale Computing FETHPC-03-2017 (CSA): Exascale HPC ecosystem development	27 Sep 2016 26 Sep 2017 26 Sep 2017			41.00	40.00 4.00
FET FLAGSHIPS – Tackling grand interdisciplinary science and technology challenges					
FETFLAG-01-2016 (ERA-NET-Cofund): Partnering environment for FET flagships FETFLAG-01-2016 (CSA): Partnering environment for FET flagships	01 Mar 2016 01 Mar 2016			8.00 1.00	
3. Marie Skłodowska-Curie Actions - Work programme 2016-2017 – Themenoffene Ausschreibung					
Fördert die Mobilität von Nachwuchswissenschaftlerinnen und -wissenschaftlern					
Marie Skłodowska-Curie Innovative Training Networks - Themenoffene Ausschreibung für strukturierte, internationale Doktorandenausbildungsnetzwerke					
Aktivitäten: Doktorandenprojekte, (intersektorale) Entsendungen, Trainingskurse, Sommerschulen etc. Voraussetzung: Es gilt die Mobilitätsregel der EU : Antragstellende dürfen sich in den letzten 3 Jahren nicht länger als 12 Monate im Gastland aufgehalten haben. Laufzeit / Fördervolumen: bis zu 4 Jahre; Pauschalsätze für Personal-, Sachmittel, Trainingskosten					
MSCA-ITN-2016 (MSCA-ITN-ETN): Innovative Training Networks - European Training Networks MSCA-ITN-2016 (MSCA-ITN-EID): Innovative Training Networks - European Industrial Doctorates MSCA-ITN-2016 (MSCA-ITN-EJD): Innovative Training Networks - European Joint Doctorates	12 Jan 2016 12 Jan 2016 12 Jan 2016			317.0 25.00 28.00	
MSCA-ITN-2017 (MSCA-ITN-ETN): Innovative Training Networks - European Training Networks MSCA-ITN-2017 (MSCA-ITN-EID): Innovative Training Networks - European Industrial Doctorates MSCA-ITN-2017 (MSCA-ITN-EJD): Innovative Training Networks - European Joint Doctorates	10 Jan 2017 10 Jan 2017 10 Jan 2017				370.0 28.00 32.00
Marie Skłodowska-Curie Individual Fellowships – Themenoffene Ausschreibung, Einreichung als alleinige/r Antragsteller/in					
Adressaten: PostDoktorandenphase: Nachwuchswissenschaftler/ innen mit mehr als 4 Jahren Vollzeit-Forschungserfahrung nach dem Universitätsabschluss. Keine Obergrenze für die Forschungserfahrung. Voraussetzung: Es gilt die Mobilitätsregel der EU : Antragstellende dürfen sich in den letzten 3 Jahren nicht länger als 12 Monate im Gastland aufgehalten haben. Laufzeit / Fördervolumen: 1-2 Jahre; Pauschalsätze für Personal-, Sachmittel, Trainingskosten					
MSCA-IF-2016 (MSCA-IF-EF-CAR): Individual Fellowships - Career Restart MSCA-IF-2016 (MSCA-IF-EF-RI): Individual Fellowships - Reintegration MSCA-IF-2016 (MSCA-IF-EF-ST): Individual Fellowships - Standard MSCA-IF-2016 (MSCA-IF-EF-SE): Individual Fellowships - Society and Enterprise MSCA-IF-2016 (MSCA-IF-GF): Individual Fellowships - Global Fellowships	14 Sep 2016 14 Sep 2016 14 Sep 2016 14 Sep 2016 14 Sep 2016			179.5 10.00 29.00	
MSCA-IF-2017 (MSCA-IF-EF-CAR): Individual Fellowships - Career Restart MSCA-IF-2017 (MSCA-IF-EF-RI): Individual Fellowships - Reintegration MSCA-IF-2017 (MSCA-IF-EF-ST): Individual Fellowships - Standard MSCA-IF-2017 (MSCA-IF-EF-SE): Individual Fellowships - Society and Enterprise MSCA-IF-2017 (MSCA-IF-GF): Individual Fellowships - Global Fellowships	14 Sep 2017 14 Sep 2017 14 Sep 2017 14 Sep 2017 14 Sep 2017				205.0 10.00 33.00
Marie Skłodowska-Curie Research and Innovation Staff Exchange – Förderung internationaler und intersektoraler Kooperationen durch den gegenseitigen Austausch von Personal und Wissen					
MSCA-RISE-2016 (MSCA-RISE): Research and Innovation Staff Exchange MSCA-RISE-2017 (MSCA-RISE): Research and Innovation Staff Exchange	28 Apr 2016 05 Apr 2017			80.00	80.00
Marie Skłodowska-Curie Co-funding of regional, national and international programmes					
MSCA-COFUND-2016 (MSCA-COFUND-DP): Co-funding of regional, national and international Doctoral programmes MSCA-COFUND-2016 (MSCA-COFUND-FP): Co-funding of regional, national and international Fellowship programmes	29 Sep 2016 29 Sep 2016			30.00 50.00	
MSCA-COFUND-2017 (MSCA-COFUND-DP): Co-funding of regional, national and international Doctoral programmes MSCA-COFUND-2017 (MSCA-COFUND-FP): Co-funding of regional, national and international Fellowship programmes	28 Sep 2017 28 Sep 2017				30.00 50.00
European Researchers' Night					
MSCA-NIGHT-2016 (CSA): European Researchers' Night	13 Jan 2016			8.00	
4. European Research Infrastructures (including e Infrastructures) - Work programme 2016-2017					
Fördert die Vernetzung bestehender Forschungsinfrastrukturen und treibt die gemeinsame Implementierung von Forschungseinrichtungen und -anlagen von gesamteuropäischem Interesse voran					
Development and long-term sustainability of new pan-European research infrastructures					
INFRADEV-03-2016-2017 (CSA): Individual support to ESFRI and other world-class research infrastructures INFRADEV-02-2016 (CSA): Preparatory Phase of ESFRI projects INFRADEV-04-2016 (RIA): European Open Science Cloud for Research INFRADEV-01-2017 (RIA): Design Studies	30 Mar 2016 22 Jun 2016 22 Jun 2016 29 Mar 2017			30.00 40.00 10.00	40.00 20.00
Integrating and opening research infrastructures of European interest					
INFRAIA-01-2016-2017 (RIA): Integrating Activities for Advanced Communities INFRAIA-02-2017 (RIA): Integrating Activities for Starting Communities	30 Mar 2016	30 Mar 2016	29 Mar 2017	88.00	72.00 40.00

	Deadlines		Budgets (EUR million)		
	1-stufiger Antrag	2-stufiger Antrag		2016	2017
		1. Stufe	2. Stufe		
E-Infrastructures					
EINFRA-11-2016 (RIA): Support to the next implementation phase of Pan-European High Performance Computing infrastructure and services (PRACE)	30 Mar 2016			15.00	
EINFRA-22-2016 (RIA): User-driven e-infrastructure innovation	30 Mar 2016			21.00	
EINFRA-21-2017 (PPI): Data and Distributed Computing e-infrastructures for Open Science	20 Sep 2016				26.00
EINFRA-12-2017 (RIA): Data and Distributed Computing e-infrastructures for Open Science	29 Mar 2017				40.00
EINFRA-21-2017 (RIA): Data and Distributed Computing e-infrastructures for Open Science	29 Mar 2017				20.00
Fostering the innovation potential of Research Infrastructures					
INFRAINNOV-02-2016 (CSA): Support to Technological Infrastructures	30 Mar 2016			10.00	
INFRAINNOV-01-2017 (RIA): Fostering co-innovation for future detection and imaging technologies	29 Mar 2017				20.00
Support to policy and international cooperation					
INFRASUPP-01-2016 (CSA): Policy and international cooperation measures for research infrastructures	30 Mar 2016			8.00	
INFRASUPP-03-2016 (CSA): Coordination and Support actions for international co-operation and policy development	30 Mar 2016			4.50	
INFRASUPP-03-2016 (RIA): Research and Innovation Actions for International Co-operation on high-end e-infrastructure requirements	30 Mar 2016			3.00	
INFRASUPP-02-2017 (CSA): Policy and international cooperation measures for research infrastructures	29 Mar 2017				6.50
05. Leadership in enabling and industrial technologies – Introduction to work programme 2016-2017					
Förderung marktnaher Entwicklungen im Bereich der industriellen Technologien. Auch universitäre Forschung in Zusammenarbeit mit Unternehmen wird hier gefördert.					
05i. Information and Communication Technologies Call – ICT-work programme 2016-2017					
A new generation of components and systems					
ICT-01-2016 (RIA): Smart Cyber-Physical Systems	12 Apr 2016			19.00	
ICT-01-2016 (CSA): Smart Cyber-Physical Systems	12 Apr 2016			1.00	
ICT-02-2016 (RIA): Thin, Organic and Large Area Electronics	12 Apr 2016			12.00	
ICT-02-2016 (IA): Thin, Organic and Large Area Electronics	12 Apr 2016			8.00	
ICT-03-2016 (RIA): SSI - Smart System Integration	12 Apr 2016			17.00	
ICT-03-2016 (CSA): SSI - Smart System Integration	12 Apr 2016			1.50	
ICT-04-2017 (IA): Smart Anything Everywhere Initiative	08 Nov 2016				24.50
ICT-04-2017 (CSA): Smart Anything Everywhere Initiative	08 Nov 2016				1.00
Advanced Computing and Cloud Computing					
ICT-05-2017 (RIA): Customised and low energy computing	25 Apr 2017			24.00	
ICT-05-2017 (CSA): Customised and low energy computing	25 Apr 2017			2.00	
ICT-06-2016 (RIA): Cloud Computing	12 Apr 2016			35.00	
ICT-06-2016 (IA): Cloud Computing	12 Apr 2016			10.00	
Future Internet					
ICT-07-2017 (RIA): 5G PPP Research and Validation of critical technologies and systems	08 Nov 2016				100.0
ICT-07-2017 (CSA): 5G PPP Research and Validation of critical technologies and systems	08 Nov 2016				3.00
ICT-08-2017 (IA): 5G PPP Convergent Technologies	08 Nov 2016				40.00
ICT-08-2017 (RIA): 5G PPP Convergent Technologies	08 Nov 2016				5.00
ICT-09-2017 (RIA): Networking research beyond 5G	08 Nov 2016				18.00
ICT-10-2016 (RIA): Software Technologies	12 Apr 2016			31.00	
ICT-11-2017 (IA): Collective Awareness Platforms for Sustainability and Social Innovation	25 Apr 2017				9.00
ICT-11-2017 (CSA): Collective Awareness Platforms for Sustainability and Social Innovation	25 Apr 2017				1.00
ICT-12-2016 (IA): Net Innovation Initiative	12 Apr 2016			15.00	
ICT-12-2016 (RIA): Net Innovation Initiative	12 Apr 2016			5.00	
ICT-12-2016 (CSA): Net Innovation Initiative	12 Apr 2016			0.20	
ICT-13-2016 (CSA): Future Internet Experimentation - Building a European experimental Infrastructure	12 Apr 2016			1.00	
ICT-13-2016 (RIA): Future Internet Experimentation - Building a European experimental Infrastructure	12 Apr 2016			25.00	
Content					
ICT-14-2016-2017 (IA): Big Data PPP: cross-sectorial and cross-lingual data integration and experimentation	12 Apr 2016			27.00	
ICT-15-2016-2017 (IA): Big Data PPP: Large Scale Pilot actions in sectors best benefiting from data-driven innovation	12 Apr 2016			25.00	
ICT-16-2017 (RIA): Big data PPP: research addressing main technology challenges of the data economy	25 Apr 2017				31.00
ICT-17-2016-2017 (CSA): Big data PPP: Support, industrial skills, benchmarking and evaluation	12 Apr 2016			5.00	
ICT-17-2016-2017 (RIA): Big data PPP: Support, industrial skills, benchmarking and evaluation	25 Apr 2017				2.0
ICT-18-2016 (RIA): Big data PPP: privacy-preserving big data technologies	12 Apr 2016			8.0	
ICT-18-2016 (CSA): Big data PPP: privacy-preserving big data technologies	12 Apr 2016			1.0	
ICT-19-2017 (IA): Media and content convergence	08 Nov 2016			38.00	
ICT-19-2017 (CSA): Media and content convergence	08 Nov 2016			1.00	
ICT-20-2017 (RIA): Tools for smart digital content in the creative industries	25 Apr 2017				17.00
ICT-21-2016 (IA): Support technology transfer to the creative industries	12 Apr 2016			14.00	
ICT-22-2016 (IA): Technologies for Learning and Skills	12 Apr 2016			20.00	
ICT-22-2016 (RIA): Technologies for Learning and Skills	12 Apr 2016			11.00	
ICT-23-2017 (RIA): Interfaces for accessibility	25 Apr 2017				10.00
ICT-23-2017 (IA): Interfaces for accessibility	25 Apr 2017				2.00
ICT-24-2016 (IA): Gaming and gamification	12 Apr 2016			12.00	
Robotics and Autonomous Systems					
ICT-25-2016-2017 (RIA / IA): Advanced robot capabilities research and take-up	12 Apr 2016			15/ 15	
ICT-25-2016-2017 (RIA / IA): Advanced robot capabilities research and take-up	25 Apr 2017				15/19
ICT-26-2016 (RIA / IA): System abilities, development and pilot installations	12 Apr 2016			24/ 18	
ICT-27-2017 (RIA): System abilities, SME & benchmarking actions, safety certification	25 Apr 2017				28.00
ICT-27-2017 (IA): System abilities, SME & benchmarking actions, safety certification	25 Apr 2017				11.00
ICT-27-2017 (PCP): System abilities, SME & benchmarking actions, safety certification	25 Apr 2017				7.00
ICT-28-2017 (CSA): Robotics Competition, coordination and support	25 Apr 2017				5.00
ICT Key Enabling Technologies					
ICT-29-2016 (RIA): Photonics KET 2016	12 Apr 2016			40.00	
ICT-29-2016 (IA): Photonics KET 2016	12 Apr 2016			23.00	
ICT-29-2016 (CSA): Photonics KET 2016	12 Apr 2016			3.00	
ICT-30-2017 (RIA): Photonics KET 2017	25 Apr 2017				41.00
ICT-30-2017 (IA): Photonics KET 2017	25 Apr 2017				43.00
ICT-30-2017 (CSA): Photonics KET 2017	25 Apr 2017				3.00
ICT-31-2017 (RIA): Micro- and nanoelectronics technologies	25 Apr 2017				19.00
ICT-31-2017 (IA): Micro- and nanoelectronics technologies	25 Apr 2017				3.00
ICT-31-2017 (CSA): Micro- and nanoelectronics technologies	25 Apr 2017				1.00
Innovation and Entrepreneurship support					
ICT-32-2017 (IA): Startup Europe for Growth and Innovation Radar	25 Apr 2017				10.00
ICT-32-2017 (CSA): Startup Europe for Growth and Innovation Radar	25 Apr 2017				2.00
ICT-33-2017 (CSA): Innovation procurement networks	25 Apr 2017				4.00
ICT-34-2016 (PCP): Pre-Commercial Procurement open	12 Apr 2016			4.00	
Responsibility and Creativity					
ICT-35-2016 (RIA): Enabling responsible ICT-related research and innovation	12 Apr 2016			7.00	
ICT-36-2016 (IA): Boost synergies between artists, creative people and technologists	12 Apr 2016			3.00	
ICT-36-2016 (CSA): Boost synergies between artists, creative people and technologists	12 Apr 2016			5.00	

	Deadlines			Budgets (EUR million)	
	1-stufiger Antrag	2-stufiger Antrag		2016	2017
		1. Stufe	2. Stufe		
International Cooperation Activities ICT-37-2016 (CSA): CHINA: Collaboration on Future Internet ICT-38-2016 (CSA): MEXICO: Collaboration on ICT ICT-38-2016 (RIA): MEXICO: Collaboration on ICT ICT-39-2016-2017 (CSA): International partnership building in low and middle income countries ICT-39-2016-2017 (IA): International partnership building in low and middle income countries	19 Jan 2016 19 Jan 2016 19 Jan 2016 19 Jan 2016 25 Apr 2017			1.00 0.50 0.50 0.80	13.00
EU-Japan Joint EUJ-01-2016 (RIA): 5G – Next Generation Communication Networks EUJ-02-2016 (RIA): IoT/Cloud/Big Data platforms in social application contexts EUJ-03-2016 (RIA): Experimental testbeds on Information-Centric Networking	19 Jan 2016 19 Jan 2016 19 Jan 2016			3.00 2.70 1.30	
EU-Brazil Joint EUB-01-2017 (RIA): Cloud Computing EUB-02-2017 (RIA): IoT Pilots	14 Mar 2017 14 Mar 2017				2.50 4.50
EU-South Korea Joint EUK-01-2016 (RIA): 5G – Next Generation Communication Networks EUK-02-2016 (RIA): IoT joint research EUK-03-2016 (RIA): Federated Cloud resource brokerage for mobile cloud services	19 Jan 2016 19 Jan 2016 19 Jan 2016			3.00 1.50 1.50	
05ii. Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing - NMP-work programme 2016-2017 (Budgets are sometimes dedicated for different calls – please refer to the specific call for further information)					
Energy Efficient Buildings EEB-01-2016 (IA): Highly efficient insulation materials with improved properties EEB-02-2016 (CSA): Performance indicators and monitoring techniques for energy-efficiency and environmental quality at building and district level EEB-03-2016 (IA): Integration of advanced technologies for heating and cooling at building and district level EEB-04-2016 (RIA): New technologies and strategies for the development of pre-fabricated elements through the reuse and recycling of construction materials and structures EEB-05-2017 (IA): Development of near zero energy building renovation EEB-06-2017 (RIA): Highly efficient hybrid storage solutions for power and heat in residential buildings and district areas, balancing the supply and demand conditions EEB-07-2017 (IA): Integration of energy harvesting at building and district level EEB-08-2017 (CSA): New business models for energy-efficient buildings through adaptable refurbishment solutions	21 Jan 2016 21 Jan 2016 21 Jan 2016 21 Jan 2016 19 Jan 2017 19 Jan 2017 19 Jan 2017 19 Jan 2017			49.0 54.0	
Advanced Materials and Nanotechnologies for High Added Value Products and Process Industries NMBP-01-2016 (RIA): Novel hybrid materials for heterogeneous catalysis NMBP-02-2016 (RIA): Advanced Materials for Power Electronics based on wide bandgap semiconductor devices technology NMBP-03-2016 (RIA): Innovative and sustainable materials solutions for the substitution of critical raw materials in the electric power system NMBP-04-2017 (RIA): Architected /Advanced material concepts for intelligent bulk material structures NMBP-05-2017 (IA): Advanced materials and innovative design for improved functionality and aesthetics in high added value consumer goods NMBP-06-2017 (RIA): Improved material durability in buildings and infrastructures, including offshore NMBP-07-2017 (RIA): Systems of materials characterisation for model, product and process optimization		08 Dec 2015 08 Dec 2015 08 Dec 2015 27 Oct 2016 27 Oct 2016 27 Oct 2016 27 Oct 2016	24 May 2016 24 May 2016 24 May 2016 04 May 2017 04 May 2017 04 May 2017 04 May 2017	1) 1) 1) 4) 4) 4) 4)	
Green Vehicles NMBP-08-2016 (RIA): Affordable weight reduction of high-volume vehicles and components taking into account the entire life-cycle	21 Jan 2016			16.00	
Advanced Materials and Nanotechnologies for Health Care NMBP-09-2016 (RIA): Biomaterials for diagnosis and treatment of demyelination disorders of the Central Nervous System NMBP-10-2016 (RIA): Nanoformulation of biologicals NMBP-11-2016: ERA-NET on Nanomedicine NMBP-12-2017 (RIA): Development of a reliable methodology for better risk management of engineered biomaterials in Advanced Therapy Medicinal Products and/or Medical Devices NMBP-13-2017 (RIA): Cross-cutting KETs for diagnostics at the point-of-care NMBP-14-2017 (RIA): Regulatory Science Framework for assessment of risk benefit ratio of Nanomedicines and Biomaterials NMBP-15-2017 (RIA): Nanotechnologies for imaging cellular transplants and regenerative processes in vivo NMBP-16-2017 (CSA): Mobilising the European nano-biomedical ecosystem	21 Jan 2016 19 Jan 2017 19 Jan 2017	08 Dec 2015 08 Dec 2015 27 Oct 2016 27 Oct 2016 27 Oct 2016	24 May 2016 24 May 2016 04 May 2017 04 May 2017 04 May 2017	32.00 3) 5) 5.00 5) 6)	
Advanced Materials and Nanotechnologies for Energy Applications NMBP-17-2016 (IA): Advanced materials solutions and architectures for high efficiency solar energy harvesting NMBP-18-2016 (IA): Advanced materials enabling the integration of storage technologies in the electricity grid NMBP-19-2017 (RIA): Cost-effective materials for "power-to-chemical" technologies NMBP-20-2017 (IA): High-performance materials for optimizing carbon dioxide capture		08 Dec 2015 08 Dec 2015 27 Oct 2016 27 Oct 2016	24 May 2016 24 May 2016 04 May 2017 04 May 2017	32.00 32.00	
Eco-Design and New Sustainable Business Models NMBP-21-2016: ERA-NET on manufacturing technologies supporting industry and particularly SMEs in the global competition NMBP-22-2017 (RIA): Business models and industrial strategies supporting novel supply chains for innovative product-services	21 Jan 2016	27 Oct 2016	04 May 2017	3) 4)	
Biotechnology BIOTEC-01-2016: ERA-NET Cofund on Biotechnologies BIOTEC-02-2016 (RIA): Bioconversion of non-agricultural waste into biomolecules for industrial applications BIOTEC-03-2016 (RIA): Microbial chassis platforms with optimized metabolic pathways for industrial innovations through systems biology BIOTEC-04-2016 (CSA): KET Biotechnology foresight identifying gaps and high-value opportunities for the EU industry BIOTEC-05-2017 (RIA): Microbial platforms for CO2-reuse processes in the low-carbon economy BIOTEC-06-2017 (IA): Optimisation of biocatalysis and downstream processing for the sustainable production of high value-added platform chemicals BIOTEC-07-2017 (RIA): New Plant Breeding Techniques (NPBT) in molecular farming: Multipurpose crops for industrial bioproducts BIOTEC-08-2017 (CSA): Support for enhancing and demonstrating the impact of KET Biotechnology projects	21 Jan 2016 21 Jan 2016 19 Jan 2017	08 Dec 2015 08 Dec 2015 27 Oct 2016 27 Oct 2016 27 Oct 2016	24 May 2016 24 May 2016 04 May 2017 04 May 2017 04 May 2017	3) 32.0 2) 48.0 6)	
Modelling for the Development of Nanotechnologies and Advanced Materials NMBP-23-2016 (RIA): Advancing the integration of Materials Modelling in Business Processes to enhance effective industrial decision making and increase competitiveness NMBP-24-2016 (CSA): Network to capitalise on strong European position in materials modelling and to allow industry to reap the benefits NMBP-25-2017 (IA): Next generation system integrating tangible and intangible materials model components to support innovation in industry	21 Jan 2016	08 Dec 2015 27 Oct 2016	24 May 2016 04 May 2017	1) 2) 4)	
Science Based Risk Assessment and Management of Nanotechnologies, Advanced Materials and Biotechnologies NMBP-26-2016 (RIA): Analytical techniques and tools in support of nanomaterial risk assessment NMBP-27-2016 (CSA): Promoting safe innovation through global consolidation and networking of nanosafety centres and strengthening the European industry through cooperation in nanosafety NMBP-28-2017 (RIA): Framework and strategies for nanomaterial characterisation, classification, grouping and read-across for risk analysis NMBP-29-2017 (RIA): Advanced and realistic models and assays for nanomaterial hazard assessment	21 Jan 2016	08 Dec 2015 27 Oct 2016 27 Oct 2016	24 May 2016 04 May 2017 04 May 2017	1) 2) 4) 4)	
Innovative and Responsible Governance of New and Converging Enabling Technologies NMBP-30-2016 (CSA): Facilitating knowledge management, networking and coordination in the field of formulated products NMBP-31-2016 (CSA): Presidency events NMBP-31-2017 (CSA): Presidency events NMBP-32-2016 (CSA): Support for National Contact Points NMBP-33-2016 (CSA): Networking and sharing best experiences in using regional clusters strategies with a focus on supporting innovation in the NMBP thematic area NMBP-34-2017 (CSA): Governing innovation of nanotechnology through enhanced societal engagement NMBP-35-2017: Innovative solutions for the conservation of 20th century cultural heritage NMBP-36-2016 (CSA): Policy support for Industry 2020 in the circular economy	21 Jan 2016 21 Jan 2016 19 Jan 2017 21 Jan 2016 21 Jan 2016 19 Jan 2017 21 Jan 2016	27 Oct 2016	04 May 2017	2) 2) 6) 2) 6) 4)	
Common budget for different calls: 1) 78.08 Mio € 2) 10.70 Mio € 3) 30.00 Mio € 4) 114.19 Mio € 5) 40.00 Mio € 6) 5.20 Mio €					

	Deadlines		Budgets (EUR million)		
	1-stufiger Antrag	2-stufiger Antrag 1. Stufe 2. Stufe		2016	2017
05iii. Space					
Earth Observation					
EO-1-2016 (IA): Downstream applications	03 Mar 2016			9.85	
EO-2-2016 (PCP): Downstream services for public authorities	03 Mar 2016			3.00	
EO-3-2016 (RIA): Evolution of Copernicus services	03 Mar 2016			9.00	
EO-1-2017 (IA): Downstream applications	01 Mar 2017				12.00
EO-2-2017 (RIA): EO Big Data Shift	01 Mar 2017				7.50
Competitiveness of European Space Sector: Technology and Science					
COMPET-1-2016 (RIA): Technologies for European non-dependence and competitiveness	03 Mar 2016			14.85	
COMPET-2-2016 (RIA): Maturing satellite communication technologies	03 Mar 2016			7.00	
COMPET-3-2016-a (IA): SRC - In-Space electrical propulsion and station keeping - Incremental Technologies	03 Mar 2016			18.00	
COMPET-3-2016-b (RIA): SRC - In-Space electrical propulsion and station keeping - Disruptive Technologies	03 Mar 2016			5.00	
COMPET-4-2016 (RIA): SRC - Space Robotics Technologies	03 Mar 2016			18.00	
COMPET-5-2016 (RIA): Scientific Instrumentation	03 Mar 2016			3.00	
COMPET-1-2017 (RIA): Technologies for European non-dependence and competitiveness	01 Mar 2017				15.00
COMPET-2-2017 (RIA): Competitiveness in Earth observation mission technologies	01 Mar 2017				7.00
COMPET-3-2017 (RIA): High speed data chain	01 Mar 2017				10.00
COMPET-4-2017 (RIA): Scientific data exploitation	01 Mar 2017				5.00
COMPET-5-2017 (RIA): Space Weather	01 Mar 2017				3.00
COMPET-6-2017 (CSA): Space portal	01 Mar 2017				0.50
COMPET-7-2017 (CSA): Technology transfer and business generators	01 Mar 2017				1.00
Applications in Satellite Navigation – Galileo – 2017					
GALILEO-1-2017 (IA): EGNSS Transport applications	01 Mar 2017				14.50
GALILEO-2-2017 (IA): EGNSS mass market applications	01 Mar 2017				9.00
GALILEO-3-2017 (IA): EGNSS professional applications	01 Mar 2017				8.00
GALILEO-4-2017 (CSA): EGNSS awareness raising and capacity building	01 Mar 2017				1.50
06. Access to Risk Finance - Work programme 2016-2017					
Kreditfazilitäten und Beteiligungskapital, um Gelder für riskante Forschungs- und Innovationsvorhaben zu generieren					
07. Innovation in SMEs - Work programme 2016-2017					
unterstützt ausschließlich Kleine und Mittlere Unternehmen (KMU) bei Projekten und ihrem Übergang zur Marktreife, Universitäten können als Unterauftragnehmer beteiligt sein					
08. Societal Challenges					
Die Ziele und Inhalte der Gesellschaftlichen Herausforderungen in Horizont 2020 wurden von der Politik festgelegt. Sie wurden in sieben Themenkomplexen gebündelt und lassen sich in kleinere Ebenen unterteilen. Alle verlangen nach interdisziplinär entwickelten innovativen Lösungen.					
SC1. Health, demographic change and wellbeing - Work programme 2016-2017					
Gefördert werden Projekte zur Vermeidung, Überwachung, Behandlung und Heilung von Krankheiten, Invalidität und verminderter Funktionalität sowie zur Organisation von Gesundheits- und Pflegesystemen. Projekte sollen möglichst das gesamte Spektrum des Forschungs- und Innovationszyklus abdecken und zur Translation von Forschungsergebnissen in die Versorgung beitragen.					
Understanding health, well-being and disease					
SC1-PM-01-2016 (RIA): Multi omics for personalised therapies addressing diseases of the immune system	13 Apr 2016	4 Okt 2016	11 Apr 2017	30.00	40.00
SC1-PM-02-2017 (RIA): New concepts in patient stratification	11 Apr 2017				15.00
SC1-PM-03-2017 (RIA): Diagnostic characterisation of rare diseases	13 Apr 2016			30.00	
SC1-PM-04-2016 (RIA): Networking and optimising the use of population and patient cohorts at EU level					
Preventing disease					
SC1-PM-05-2016 (EJP Cofund):The European Human Biomonitoring Initiative	13 Apr 2016			50.00	
SC1-PM-06-2016 (RIA): Vaccine development for malaria and/or neglected infectious diseases	13 Apr 2016			40.00	
SC1-PM-07-2017 (RIA): Promoting mental health and well-being in the young		4 Okt 2016	11 Apr 2017		20.00
Treating and managing diseases					
SC1-PM-08-2017 (RIA): New therapies for rare diseases		4 Okt 2016	11 Apr 2017		60.00
SC1-PM-09-2016 (RIA): New therapies for chronic diseases	13 Apr 2016			60.00	
SC1-PM-10-2017 (RIA): Comparing the effectiveness of existing healthcare interventions in the adult population		4 Okt 2016	11 Apr 2017		40.00
SC1-PM-11-2016-2017 (RIA): Clinical research on regenerative medicine	13 Apr 2016			30.00	30.00
Active ageing and self-management of health					
SC1-PM-12-2016 (PCP): PCP - eHealth innovation in empowering the patient	16 Feb 2016			18.00	
SC1-PM-13-2016 (PPI): PPI for deployment and scaling up of ICT solutions for active and healthy ageing	16 Feb 2016			10.50	
SC1-PM-14-2016 (RIA): EU-Japan cooperation on Novel ICT Robotics based solutions for active and healthy ageing at home or in care facilities	12 Apr 2016			5.00	
SC1-PM-15-2017 (RIA): Personalised coaching for well-being and care of people as they age	31 Jan 2017				25.00
Methods and data					
SC1-PM-16-2017 (RIA): In-silico trials for developing and assessing biomedical products	14 Mar 2017				19.00
SC1-PM-17-2017 (RIA): Personalised computer models and in-silico systems for well-being	14 Mar 2017				19.00
SC1-PM-18-2016 (RIA): Big Data supporting Public Health policies	16 Feb 2016			10.00	
SC1-PM-19-2017 (PPI): PPI for uptake of standards for the exchange of digitalised healthcare records	14 Mar 2017				8.26
SC1-PM-20-2017 (RIA): Development of new methods and measures for improved economic evaluation and efficiency measures in the health sector	11 Apr 2017				9.00
Health care provision and integrated care					
SC1-PM-21-2016 (RIA): Implementation research for scaling-up of evidence based innovations and good practice in Europe and low- and middle-income countries	13 Apr 2016			40.00	

	Deadlines		Budgets (EUR million)		
	1-stufiger Antrag	2-stufiger Antrag		2016	2017
		1. Stufe	2. Stufe		
Coordination activities					
SC1-HCO-01-2016 (CSA): Valorisation of FP7 Health and H2020 SC1 research results	13 Apr 2016			2.0	
SC1-HCO-02-2016 (CSA): Standardisation of pre-analytical and analytical procedures for in vitro diagnostics in personalised medicine	13 Apr 2016			2.0	
SC1-HCO-03-2017 (ERA-Net Cofund): Implementing the Strategic Research Agenda on Personalised Medicine	11 Apr 2017			5.0	
SC1-HCO-04-2016 (CSA): Towards globalisation of the Joint Programming Initiative on Antimicrobial resistance	13 Apr 2016			2.0	
SC1-HCO-05-2016 (CSA): Coordinating personalised medicine research	13 Apr 2016			2.0	
SC1-HCO-06-2016 (CSA): Towards an ERA-NET for building sustainable and resilient health system models	13 Apr 2016			2.0	
SC1-HCO-07-2017 (RIA): Global Alliance for Chronic Diseases (GACD)	11 Apr 2017				24.0
SC1-HCO-08-2017 (CSA): Actions to bridge the divide in European health research and innovation	11 Apr 2017				1.0
SC1-HCO-10-2016 (CSA): Support for Europe's leading Health ICT SMEs	16 Feb 2016			3.0	
SC1-HCO-11-2016 (CSA): Coordinated action to support the recognition of Silver Economy opportunities arising from demographic change	16 Feb 2016			1.0	
SC1-HCO-12-2016 (CSA): Digital health literacy	16 Feb 2016			3.0	
SC1-HCO-13-2016 (CSA): Healthcare Workforce IT skills	16 Feb 2016			3.0	
SC1-HCO-14-2016 (CSA): EU-US interoperability roadmap	16 Feb 2016			1.0	
SC1-HCO-15-2016 (CSA): EU eHealth Interoperability conformity assessment	16 Feb 2016			2.5	
SC1-HCO-16-2016 (CSA): Standardisation needs in the field of ICT for Active and Healthy Ageing	16 Feb 2016			1.0	
SC2. Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy - <u>Work programme 2016-2017</u>					
Gefördert werden Projekte entlang der gesamten Wertschöpfungskette. Wichtige Prinzipien der Förderung sind die Verbesserung von Leistung, Wettbewerbsfähigkeit und Nachhaltigkeit (Ressourcenschonung) der Produktionsketten sowie der Gesundheitswert und die Sicherheit biobasierter Produkte für den Endverbraucher					
<u>Call for Sustainable Food Security – Resilient and resource-efficient value chains</u>					
More resilient and resource efficient value chains					
SFS-01-2016 (RIA): Solutions to multiple and combined stresses in crop production		17 Feb 2016	13 Sep 2016	12.0	
SFS-02-2016 (RIA): Teaming up for good: Exploiting the benefits of species diversity in cropping systems		17 Feb 2016	13 Sep 2016	10.0	
SFS-03-2016 (RIA): Testing and breeding for sustainability and resilience in crops		17 Feb 2016	13 Sep 2016	5.0	
SFS-04-2017 (CSA): New partnerships and tools to enhance European capacities for in-situ conservation	14 Feb 2017				2.0
SFS-05-2017 (RIA): Robotics Advances for Precision Farming	14 Feb 2017				7.0
SFS-06-2016 (RIA): Weeding - strategies, tools and technologies for sustainable weed management		17 Feb 2016	13 Sep 2016	7.0	
SFS-07-2016-2017 (RIA): Organic breeding – Increasing the competitiveness of the organic breeding and farming sectors		14 Feb 2017	13 Sep 2017		12.0
SFS-07-2016-2017 (RIA): Organic breeding – Increasing the competitiveness of the organic breeding and farming sectors		17 Feb 2016	13 Sep 2016	8.0	
SFS-08-2017 (RIA): Organic inputs – contentious inputs in organic farming		14 Feb 2017	13 Sep 2017		8.0
SFS-09-2016 (RIA): Spotlight on critical outbreak of pests: the case of Xylella fastidiosa	17 Feb 2016			7.0	
SFS-10-2017 (RIA): Research and approaches for emerging diseases in plants and terrestrial livestock		14 Feb 2017	13 Sep 2017		15.0
SFS-11-2016 (RIA): Challenges for disease management: Perennial crops in the tropics and sub-tropics		17 Feb 2016	13 Sep 2016	12.0	
SFS-12-2016 (CSA): Support for international research on animal health				3.0	
SFS-13-2017 (IA): Validation of diagnostic tools for animal and plant health	14 Feb 2017				6.0
SFS-14-2016 (RIA): Understanding host-pathogen-environment interactions		17 Feb 2016	13 Sep 2016	11.0	
SFS-15-2016-2017 (RIA): Breeding livestock for resilience and efficiency		17 Feb 2016	13 Sep 2016	7.0	
SFS-15-2016-2017 (RIA): Breeding livestock for resilience and efficiency		14 Feb 2017	13 Sep 2017		7.0
SFS-16-2017 (RIA): Bee health and sustainable pollination		14 Feb 2017	13 Sep 2017		9.0
SFS-17-2017 (RIA): Innovations in plant protection		14 Feb 2017	13 Sep 2017		10.0
SFS-18-2016 (FPA): Framework Partnership Agreement supporting Joint Actions towards Public-Public Partnerships in the Bioeconomy	13 Sep 2016				
SFS-19-2016 (ERA-Net Cofund): ERA-NET Cofund: Public-Public Partnerships in the bioeconomy	17 Feb 2016			15.0	
SFS-20-2017 (RIA): Towards a science-based regionalisation of the Common Fisheries Policy		14 Feb 2017	13 Sep 2017		6.0
SFS-21-2016/2017 (RIA): Advancing basic biological knowledge and improving management tools for commercially important fish and other seafood species		17 Feb 2016	13 Sep 2016	1)	
SFS-21-2016/2017 (RIA): Advancing basic biological knowledge and improving management tools for commercially important fish and other seafood species		14 Feb 2017	13 Sep 2017		5.0
SFS-22-2017 (IA): Smart fisheries technologies for an efficient, compliant and environmentally friendly fishing sector	14 Feb 2017				6.0
SFS-23-2016 (RIA): Improving the technical performance of the Mediterranean aquaculture		17 Feb 2016	13 Sep 2016	1)	
SFS-24-2016 (CSA): Reinforcing international cooperation on sustainable aquaculture production with countries from South-East Asia	17 Feb 2016			2.0	
SFS-25-2016 (CSA): Support Action to a common agricultural and wider bioeconomy research agenda	17 Feb 2016			2.0	
1) Combined budget for two calls: 12.0 Mio. €					
Environment-smart and climate-smart primary production					
SFS-26-2016 (RIA): Legumes - transition paths to sustainable legume-based farming systems and agri-feed and food chains		17 Feb 2016	13 Sep 2016	10.0	
SFS-27-2017 (RIA): Permanent grassland – farming systems and policies		14 Feb 2017	13 Sep 2017		10.0
SFS-28-2017 (RIA): Functional biodiversity – productivity gains through functional biodiversity: effective interplay of crop pollinators and pest predators		14 Feb 2017	13 Sep 2017		10.0
SFS-29-2017 (RIA): Socio-eco-economics – socio-economics in ecological approaches		14 Feb 2017	13 Sep 2017		5.0
SFS-30-2017 (RIA): Closing loops at farm and regional levels to mitigate GHG emissions and environmental contamination - focus on carbon, nitrogen and phosphorus cycling in agro-ecosystems		14 Feb 2017	13 Sep 2017		12.0
SFS-31-2016 (RIA): Farming for tomorrow - developing an enabling environment for resilient and sustainable agricultural systems		17 Feb 2016	13 Sep 2016	5.0	
SFS-32-2017 (RIA): Promoting and supporting the eco-intensification of aquaculture production systems: inland (including fresh water), coastal zone, and offshore		14 Feb 2017	13 Sep 2017		12.0
A competitive food industry					
SFS-33-2016 (RIA): Understanding food value chain and network dynamics					
SFS-34-2017 (RIA): Innovative agri-food chains: unlocking the potential for competitiveness and sustainability		17 Feb 2016	13 Sep 2016	6.0	
SFS-35-2017 (IA): Innovative solutions for sustainable food packaging	14 Feb 2017	14 Feb 2017	13 Sep 2017		6.0
SFS-35-2017 (IA): Innovative solutions for sustainable food packaging					12.0
Healthy and safe foods and diets for all					
SFS-36-2017 (Cofund EJP): Co-fund on "One Health" (zoonoses – emerging threats)					
SFS-37-2016 (RIA): The impact of consumer practices in food safety: risks and mitigation strategies	14 Feb 2017				35.0
SFS-38-2016 (RIA): Impulsivity and compulsivity and the link with nutrition, lifestyle and the socio-economic environment		17 Feb 2016	13 Sep 2016	9.5	
SFS-39-2017 (RIA): How to tackle the childhood obesity epidemic?		17 Feb 2016	13 Sep 2016	12.0	
SFS-40-2017 (RIA): Sweeteners and sweetness enhancers		14 Feb 2017	13 Sep 2017		20.0
SFS-40-2017 (RIA): Sweeteners and sweetness enhancers		14 Feb 2017	13 Sep 2017		9.0
Support to the Implementation of the EU-Africa Partnership on Food and Nutrition Security and Sustainable Agriculture					
SFS-41-2016 (ERA-Net Cofund): EU-Africa Research and Innovation partnership on food and nutrition security and sustainable agriculture					
SFS-42-2016 (RIA): Promoting food and nutrition security and sustainable agriculture in Africa: the role of innovation	17 Feb 2016			10.0	
SFS-43-2017 (RIA): Earth observation services for the monitoring of agricultural production in Africa	14 Feb 2017	17 Feb 2016	13 Sep 2016	5.0	10.0
Implementation of the EU-China FAB Flagship initiative					
SFS-44-2016 (RIA): A joint plant breeding programme to decrease the EU's and China's dependency on protein imports					
SFS-45-2016 (RIA): Increase overall transparency of processed agri-food products		17 Feb 2016	13 Sep 2016	5.0	
SFS-46-2017 (RIA): Alternative production system to address anti-microbial drug usage, animal welfare and the impact on health		17 Feb 2016	13 Sep 2016	5.0	
SFS-47-2017 (RIA): Management of soil water resources in the EU and China and its impact on agro-ecosystem functions		14 Feb 2017	13 Sep 2017		5.0
SFS-48-2017 (IA): Resource-efficient urban agriculture for multiple benefits – contribution to the EU-China Urbanisation Partnership		14 Feb 2017	13 Sep 2017		5.0
	14 Feb 2017				7.0
<u>Call for Blue Growth - Demonstrating an ocean of opportunities</u>					
Boosting Innovation for emerging Blue Growth activities					
BG-01-2016 (IA): Large-scale algae biomass integrated biorefineries	17 Feb 2016			22.0	
BG-02-2016/2017 (IA): High value-added specialised vessel concepts enabling more efficient servicing of emerging coastal and offshore activities	17 Feb 2016			7.0	
BG-02-2016/2017 (IA): High value-added specialised vessel concepts enabling more efficient servicing of emerging coastal and offshore activities	14 Feb 2017				8.0
BG-03-2016 (CSA): Multi-use of the oceans' marine space, offshore and near-shore: compatibility, regulations, environmental and legal issues	17 Feb 2016			2.0	
BG-04-2017 (IA): Multi-use of the oceans marine space, offshore and near-shore: Enabling technologies	14 Feb 2017				8.0
BG-05-2016 (ERA-Net Cofund): ERA-NET Cofund on marine technologies	17 Feb 2016			10.0	

	Deadlines			Budgets (EUR million)	
	1-stufiger Antrag	2-stufiger Antrag		2016	2017
		1. Stufe	2. Stufe		
<p>Linking healthy oceans and seas with healthy people BG-06-2017 (CSA): Interaction between people, oceans and seas: a strategic approach towards healthcare and well-being BG-07-2017 (IA): Blue green innovation for clean coasts and seas BG-08-2017 (IA): Innovative sustainable solutions for improving the safety and dietary properties of seafood</p> <p>The Arctic Dimension BG-09-2016 (RIA): An integrated Arctic observation system BG-10-2016 (RIA): Impact of Arctic changes on the weather and climate of the Northern Hemisphere BG-11-2017 (RIA): The effect of climate change on Arctic permafrost and its socio-economic impact, with a focus on coastal areas</p> <p>Valorising the Mediterranean Sea Basin BG-12-2016 (RIA): Towards an integrated Mediterranean Sea Observing System BG-13-2016 (CSA): Support to the BLUEMED Initiative: Coordination of marine and maritime research and innovation activities in the Mediterranean</p>	14 Feb 2017 14 Feb 2017 14 Feb 2017 17 Feb 2016 17 Feb 2016 14 Feb 2017 17 Feb 2016		 17 Feb 2016 13 Sep 2016	 30.0 8.0 3.0	2.0 12.0 7.0 10.0
Call for a Rural Renaissance - Fostering innovation and business opportunities					
<p>New approaches towards policies and governance RUR-01-2016 (RIA): Consolidated policy framework and governance models for synergies in rural-urban linkages RUR-02-2017 (RIA): Coastal-rural interactions: Enhancing synergies between land and sea-based activities RUR-03-2017 (RIA): Towards 2030 - policies and decision tools for an integrated management of natural resources RUR-04-2016 (RIA): Water farms – improving farming and its impact on the supply of drinking water RUR-05-2017 (IA): Novel public policies, business models and mechanisms for the sustainable supply of and payment for forest ecosystem services</p> <p>New value chains and business models RUR-06-2016 (RIA): Crop diversification systems for the delivery of food, feed, industrial products and ecosystems services - from farm benefits to value-chain organisation RUR-07-2016 (RIA): Resource-efficient and profitable industrial crops on marginal land RUR-08-2016 (IA): Demonstration of integrated logistics centres for food and non-food applications RUR-09-2017 (RIA): Business models for modern rural economies</p> <p>Innovation and skill development RUR-10-2016-2017 (CSA): Thematic Networks compiling knowledge ready for practice RUR-10-2016-2017 (CSA): Thematic Networks compiling knowledge ready for practice RUR-11-2016 (CSA): On-farm demonstrations: deepening farmer-to-farmer learning mechanisms RUR-12-2017 (RIA): Networking European farms to boost thematic knowledge exchanges and close the innovation gap RUR-13-2017 (RIA): Building a future science and education system fit to deliver to practice RUR-14-2016 (RIA): Advisors' roles in the functioning of AKIS and advisory policies boosting innovation in sustainable agriculture RUR-15-2017 (CSA): The benefits of working with others – fostering social capital in the farming sector RUR-16-2017 (RIA): Optimising interactive innovation project approaches and the delivery of EU policies to speed up innovation in rural areas</p>	 14 Feb 2017 17 Feb 2016 14 Feb 2017 17 Feb 2016 14 Feb 2017 	 17 Feb 2016 14 Feb 2017 14 Feb 2017 17 Feb 2016 17 Feb 2016 17 Feb 2016 14 Feb 2017 17 Feb 2016 14 Feb 2017 17 Feb 2016 14 Feb 2017 14 Feb 2017 	 13 Sep 2016 13 Sep 2017 13 Sep 2017 13 Sep 2016 13 Sep 2016 13 Sep 2017 13 Sep 2017 13 Sep 2016 13 Sep 2016 	 6.0 5.0 20.0 6.0 12.0 10.0 2.0 7.0 7.0 5.0 3.0 5.0	5.0 8.0 5.0 3.0 10.0 7.0 7.0 7.0 3.0 5.0
Call - Bio-based innovation for sustainable goods and services - Supporting the development of a European Bioeconomy					
<p>Securing sustainable biomass supply for bio-based goods and services BB-01-2016 (RIA): Sustainability schemes for the bio-based economy BB-02-2017 (RIA): Towards a method for the collection of statistical data on bio-based industries and bio-based products BB-03-2017 (RIA): Adaptive tree breeding strategies and tools for forest production systems resilient to climate change and natural disturbances BB-04-2016 (RIA): Intelligent solutions and tools in forest production systems, fostering a sustainable supply of quality wood for the growing bioeconomy</p> <p>Building the "bio-based markets of the future"- mobilising stakeholders engagement BB-05-2017(CSA): Bio-based products: Mobilisation and mutual learning action plan BB-06-2016 (CSA): The regional dimension of bio-based industries</p> <p>Relevant Calls for this field in other parts of the workprogrammes SMEInst-07-2016-2017 SMEInst-08-2016-2017 RUR-06-2016 (RIA); RUR-07-2016 (RIA); RUR-08-2016 (IA); RUR-09-2016 (RIA);</p>	 17 Feb 2016 14 Feb 2017 17 Feb 2016	 17 Feb 2016 14 Feb 2017 14 Feb 2017 17 Feb 2016 14 Feb 2017 14 Feb 2017 	 13 Sep 2016 13 Sep 2017 13 Sep 2017 13 Sep 2016 13 Sep 2017 13 Sep 2016 13 Sep 2016 	 5.0 6.0 1.0 	 6.0 6.0 3.0
SC3. Secure, clean and efficient energy - Work programme 2016-2017 Gefördert werden Projekte, die auf die Reduzierung der Abhängigkeit von fossilen Energiequellen angesichts zunehmender Ressourcenknappheit, stetig steigender Energiebedarfe und des weiter voranschreitenden Klimawandels unter wirtschaftlich vertretbaren Bedingungen abzielen.					
CALL – ENERGY EFFICIENCY					
<p>Heating and cooling EE-01-2017 (IA): Waste heat recovery from urban facilities and re-use to increase energy efficiency of district or individual heating and cooling systems EE-02-2017 (CSA): Improving the performance of inefficient district heating networks EE-03-2016 (IA): Standardised installation packages integrating renewable and energy efficiency solutions for heating, cooling and/or hot water preparation EE-04-2016-2017 (RIA): New heating and cooling solutions using low grade sources of thermal energy EE-04-2016-2017 (RIA): New heating and cooling solutions using low grade sources of thermal energy EE-05-2016 (RIA): Models and tools for heating and cooling mapping and planning</p>	19 Jan 2017 7 Jun 2017 21 Jan 2016 21 Jan 2016 19 Jan 2017 21 Jan 2016		Common budget for different EE-calls: Deadline 2016: 1) 16.0 Mio € 2) 34.0 Mio € 3) 30.0 Mio €	 2) 2) 	5) 6) 5)
<p>Engaging consumers towards sustainable energy EE-06-2016-2017 (CSA): Engaging private consumers towards sustainable energy EE-06-2016-2017 (CSA): Engaging private consumers towards sustainable energy EE-07-2016-2017 (IA): Behavioural change toward energy efficiency through ICT EE-07-2016-2017 (IA): Behavioural change toward energy efficiency through ICT EE-08-2016 (RIA): Socio-economic research on consumer's behaviour related to energy efficiency EE-09-2016-2017 (CSA): Engaging and activating public authorities EE-09-2016-2017 (CSA): Engaging and activating public authorities</p>	15 Sep 2016 7 Jun 2017 21 Jan 2016 19 Jan 2017 21 Jan 2016 15 Sep 2016 7 Jun 2017		Common budget for different EE-calls: Deadline 2017: 4) 16.0 Mio € 5) 30.0 Mio € 6) 47.0 Mio €	 3) 2) 3) 3)	 6) 5) 6)
<p>Buildings EE-10-2016 (IA): Supporting accelerated and cost-effective deep renovation of buildings through Public Private Partnership (EeB PPP) EE-11-2016-2017 (CSA): Overcoming market barriers and promoting deep renovation of buildings EE-11-2016-2017 (CSA): Overcoming market barriers and promoting deep renovation of buildings EE-12-2017 (IA): Integration of Demand Response in Energy Management Systems while ensuring interoperability through Public Private Partnership (EeB PPP) EE-13-2016 (CSA): Cost reduction of new Nearly Zero-Energy buildings EE-14-2016-2017 (CSA): Construction skills EE-14-2016-2017 (CSA): Construction skills</p>	21 Jan 2016 15 Sep 2016 7 Jun 2017 19 Jan 2017 15 Sep 2016 15 Sep 2016 7 Jun 2017			 1) 3) 3) 3)	 6) 4) 6) 6) 6) 5)
<p>Industry, services and products EE-15-2017 (CSA): Increasing capacities for actual implementation of energy efficiency measures in industry and services EE-16-2016-2017 (CSA): Effective implementation of EU product efficiency legislation EE-16-2016-2017 (CSA): Effective implementation of EU product efficiency legislation EE-17-2016-2017 (IA): Valorisation of waste heat in industrial systems (SPIRE PPP) EE-17-2016-2017 (IA): Valorisation of waste heat in industrial systems (SPIRE PPP) EE-18-2017 (CSA): Energy efficiency of industrial parks through energy cooperation and mutualised energy services EE-19-2017 (PPI): Public Procurement of Innovative Solutions for energy efficiency EE-20-2017 (IA): Bringing to market more energy efficient and integrated data centres EE-21-2016 (ERA-NET): ERA-NET Cofund actions supporting Joint Actions towards increasing energy efficiency in industry and services</p>	7 Jun 2017 15 Sep 2016 7 Jun 2017 21 Jan 2016 19 Jan 2017 7 Jun 2017 7 Jun 2017 19 Jan 2017 15 Sep 2016			 3) 1) 	 6) 6) 6) 6) 6) 5)

	Deadlines		Budgets (EUR million)		
	1-stufiger Antrag	2-stufiger Antrag 1. Stufe 2. Stufe		2016	2017
Innovative financing for energy efficiency investments EE-22-2016-2017 (CSA): Project Development Assistance EE-22-2016-2017 (CSA): Project Development Assistance EE-23-2017 (CSA): Innovative financing schemes EE-24-2016-2017 (CSA): Making the energy efficiency market investible EE-24-2016-2017 (CSA): Making the energy efficiency market investible EE-25-2016 (CSA): Development and roll-out of innovative energy efficiency services	15 Sep 2016 7 Jun 2017 7 Jun 2017 15 Sep 2016 7 Jun 2017 15 Sep 2016			8.0 3) 3)	8.0 6) 6)
CALL – COMPETITIVE LOW-CARBON ENERGY					
Towards an integrated EU energy system LCE-01-2016-2017 (RIA): Next generation innovative technologies enabling smart grids, storage and energy system integration with increasing share of renewables: distribution network LCE-01-2016-2017 (RIA): Next generation innovative technologies enabling smart grids, storage and energy system integration with increasing share of renewables: distribution network LCE-02-2016 (IA): Demonstration of smart grid, storage and system integration technologies with increasing share of renewables: distribution system LCE-03-2016 (CSA): Support to R&I strategy for smart grid and storage LCE-04-2017 (IA): Demonstration of smart transmission grid, storage and system integration technologies with increasing share of renewables LCE-05-2017 (RIA): Tools and technologies for coordination and integration of the European energy system	5 Apr 2016 14 Feb 2017 5 Apr 2016 5 Apr 2016 14 Feb 2017 14 Feb 2017			20.0 73.46 4.0	18.0 65.12 28.0
Renewable energy technologies <i>Developing the next generation of renewable energy technologies</i> LCE-06-2017 (RIA): New knowledge and technologies LCE-07-2016-2017 (RIA): Developing the next generation technologies of renewable electricity and heating/cooling LCE-07-2016-2017 (RIA): Developing the next generation technologies of renewable electricity and heating/cooling LCE-08-2016-2017 (RIA): Development of next generation biofuel technologies LCE-08-2016-2017 (RIA): Development of next generation biofuel technologies <i>Demonstrating innovative renewable energy technologies</i> LCE-09-2016 (IA): Increasing the competitiveness of the EU PV manufacturing industry LCE-10-2017 (IA): Reducing the cost of PV electricity LCE-11-2017 (IA): Near-to-market solutions for reducing the water consumption of CSP Plants LCE-12-2017 (IA): Near-to-market solutions for the use of solar heat in industrial processes LCE-13-2016 (IA): Solutions for reduced maintenance, increased reliability and extended lifetime of off-shore wind turbines/farms LCE-14-2017 (IA): Demonstration of large >10MW wind turbine LCE-15-2016 (IA): Scaling up in the ocean energy sector to arrays LCE-16-2017 (IA): 2nd Generation of design tools for ocean energy devices and arrays development and deployment LCE-17-2017 (IA): Easier to install and more efficient geothermal systems for retrofitting buildings LCE-18-2017 (IA): EGS in different geological conditions LCE-19-2016-2017 (IA): Demonstration of the most promising advanced biofuel pathways LCE-19-2016-2017 (IA): Demonstration of the most promising advanced biofuel pathways LCE-20-2016-2017 (IA): Enabling pre-commercial production of advanced aviation biofuel LCE-20-2016-2017 (IA): Enabling pre-commercial production of advanced aviation biofuel <i>Supporting the market uptake of renewable energy technologies</i> LCE-21-2017 (CSA): Market uptake of renewable energy technologies <i>Fostering international cooperation in the area of renewable energy</i> LCE-22-2016 (RIA): International Cooperation with Brazil on advanced lignocellulosic biofuels LCE-23-2016 (RIA): International Cooperation with Mexico on geothermal energy	5 Jan 2017 16 Feb 2016 5 Jan 2017 16 Feb 2016 5 Jan 2017 8 Sep 2016 7 Sep 2017 7 Sep 2017 7 Sep 2017 8 Sep 2016 7 Sep 2017 8 Sep 2016 7 Sep 2017 8 Sep 2016 7 Sep 2017 8 Sep 2016 7 Sep 2017 8 Sep 2016 7 Sep 2017 5 Jan 2017 8 Sep 2016 16 Feb 2016			61.3 10.0 25.0 10.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0 5.0 10.0	20.0 66.5 10.0 10.0 10.0 12.0 8.0 25.0 7.0 8.0 10.0 15.0 10.0 15.0 10.0
Enabling the decarbonisation of the use of fossil fuels during the transition to a lowcarbon economy LCE-24-2016 (RIA): International Cooperation with South Korea on new generation high-efficiency capture processes LCE-25-2016 (RIA): Utilisation of captured CO2 as feedstock for the process industry LCE-26-2016 (ERA-NET): Cross-thematic ERA-NET on Applied Geosciences LCE-27-2017 (RIA): Measuring, monitoring and controlling the risks of CCS, EGS and unconventional hydrocarbons in the subsurface LCE-28-2017 (RIA): Highly flexible and efficient fossil fuel power plants LCE-29-2017 (RIA): CCS in industry, including Bio-CCS LCE-30-2017 (RIA): Geological storage pilots Social, economic and human aspects of the energy system LCE-31-2016-2017 (RIA): Social Sciences and Humanities Support for the Energy Union LCE-31-2016-2017 (RIA): Social Sciences and Humanities Support for the Energy Union LCE-32-2016 (CSA): European Platform for energy-related Social Sciences and Humanities research Supporting the development of a European research area in the field of energy LCE-33-2016 (RIA): European Common Research and Innovation Agendas (ECRIAs) in support of the implementation of the SET Action Plan LCE-34-2016 (ERA-NET): Joint Actions towards the demonstration and validation of innovative energy solutions LCE-35-2016 (FPA): Framework Partnership Agreement supporting Joint Actions towards the demonstration and validation of innovative energy solutions Cross-cutting issues LCE-36-2016 (CSA): Support to the energy stakeholders to contribute to the SET-Plan	16 Feb 2016 16 Feb 2016 5 Apr 2016 5 Jan 2017 5 Jan 2017 5 Jan 2017 5 Jan 2017 16 Feb 2016 5 Jan 2017 5 Apr 2016 5 Apr 2016 8 Sep 2016 16 Feb 2016			17.0 10.0 10.0 15.0 15.0 10.0 1.7 10.0 30.80 2.4	15.0 15.0 10.0
SC4. Smart, green and integrated transport - Work programme 2016-2017					
Forschungs- und Innovationstätigkeiten sollen sich auf die gesamte Innovationskette erstrecken: von Technologieentwicklung über Demonstrationsprojekte und die Unterstützung von Strategien für Normung, Regulierung und innovative Auftragsvergabe, bis hin zu Maßnahmen zur Unterstützung der Markteinführung					
CALL 'MOBILITY FOR GROWTH'					
AVIATION MG-1.1-2016 (RIA): Reducing energy consumption and environmental impact of aviation MG-1.2-2017 (RIA): Reducing aviation noise MG-1.3-2017 (RIA): Maintaining industrial leadership in aeronautics MG-1.4-2016-2017 (RIA): Breakthrough innovation MG-1.5-2016-2017 (CSA): Identification of gaps, barriers and needs in the aviation research MG-1.5-2016-2017 (CSA): Identification of gaps, barriers and needs in the aviation research	26 Jan 2016 1 Feb 2017	20 Jan 2016 26 Jan 2017 26 Jan 2017 20 Jan 2016	29 Sep 2016 19 Oct 2017 19 Oct 2017 29 Sep 2016	40.0 15.0 4.00	20.0 45.0 7.0
WATERBORNE MG-2.1-2017 (IA): Innovations for energy efficiency and emission control in waterborne transport MG-2.2-2016 (IA): Development, production and use of high performance and lightweight materials for vessels and equipment MG-2.3-2016 (RIA): New and improved transport concepts in waterborne transport MG-2.4-2017 (IA): Complex and value-added specialised vessels		26 Jan 2017 20 Jan 2016 20 Jan 2016 26 Jan 2017	19 Oct 2017 29 Sep 2016 29 Sep 2016 19 Oct 2017	38.0	2) 2)
SAFETY MG-3.1-2016 (RIA): Addressing aviation safety challenges MG-3.2-2017 (RIA): Protection of all road users in crashes MG-3.3-2016 (RIA): Safer waterborne transport and maritime operations MG-3.4-2016 (RIA): Transport infrastructure innovation to increase the transport system safety at modal and intermodal level (including nodes and interchanges) MG-3.5-2016 (RIA): Behavioural aspects for safer transport MG-3.6-2016 (CSA): Euro-African initiative on road safety and traffic management	26 Jan 2016 26 Jan 2016	26 Jan 2017 20 Jan 2016 20 Jan 2016 20 Jan 2016	19 Oct 2017 29 Sep 2016 29 Sep 2016 29 Sep 2016	15.0 1) 12.0 1) 3.0	14.0
URBAN MOBILITY MG-4.1-2017 (IA): Increasing the take up and scale-up of innovative solutions to achieve sustainable mobility in urban areas MG-4.2-2017 (IA): Supporting 'smart electric mobility' in cities MG-4.3-2017 (CSA): Innovative approaches for integrating urban nodes in the TEN-T core network corridors MG-4.4-2016 (CSA): Facilitating public procurement of innovative sustainable transport and mobility solutions in urban areas MG-4.5-2016 (RIA): New ways of supporting development and implementation of neighbourhood-level and urban-district-level transport innovations	01 Feb 2017 26 Jan 2016 01 Feb 2017	26 Jan 2017 26 Jan 2017	19 Oct 2017 19 Oct 2017	2.0 10.0	22.0 2.0

	Deadlines			Budgets (EUR million)	
	1-stufiger Antrag	2-stufiger Antrag		2016	2017
		1. Stufe	2. Stufe		
LOGISTICS MG-5.1-2016 (RIA): Networked and efficient logistics clusters MG-5.2-2017 (RIA): Innovative ICT solutions for future logistics operations MG-5.3-2016 (CSA): Promoting the deployment of green transport, towards Eco-labels for logistics MG-5.4-2017 (CSA): Potential of the Physical Internet	26 Jan 2016	20 Jan 2016 26 Jan 2017	29 Sep 2016 19 Oct 2017	12.0 2.0 1.0	3) 3)
INTELLIGENT TRANSPORT SYSTEMS MG-6.1-2016 (RIA): Innovative concepts, systems and services towards 'mobility as a service' MG-6.2-2016 (IA): Large-scale demonstration(s) of cooperative ITS MG-6.3-2016 (CSA): Roadmap, new business models, awareness raising, support and incentives for the roll-out of ITS	26 Jan 2016	20 Jan 2016 20 Jan 2016	29 Sep 2016 29 Sep 2016	25.0 5.0	
INFRASTRUCTURE MG-7.1-2017 (RIA): Resilience to extreme (natural and man-made) events MG-7.2-2017 (RIA): Optimisation of transport infrastructure including terminals MG-7.3-2017 (CSA): The Port of the future		26 Jan 2017 26 Jan 2017 26 Jan 2017	19 Oct 2017 19 Oct 2017 19 Oct 2017		37.0
SOCIO-ECONOMIC AND BEHAVIOURAL RESEARCH AND FORWARD LOOKING ACTIVITIES FOR POLICY MAKING MG-8.1-2016 (CSA): Research, technology development and market trends for the European transport manufacturing industries MG-8.2-2017 (CSA): Big data in Transport: Research opportunities, challenges and limitations MG-8.3-2016 (RIA): Assessing future requirements for skills and jobs across transport modes and systems MG-8.4-2017: Improving accessibility, inclusive mobility and equity: new tools and business models for public transport in prioritised areas MG-8.5-2017: Shifting paradigms: Exploring the dynamics of individual preferences, behaviours and lifestyles influencing travel and mobility choices MG-8.6-2016 (CSA): Innovation awards for students and researchers in the context of the Transport Research Arena conference - TRA 2018 Common budget for different MG-calls: 1) 22.0 Mio € 2) 40.0 Mio € 3) 12.0 Mio €	26 Jan 2016 26 Jan 2016 01 Feb 2017 01 Feb 2017 26 Jan 2016	26 Jan 2017	19 Oct 2017	1.5 2.0 3.0 0.6	7.5
Call - 2016-2017 Automated Road Transport					
ART-01-2017 (IA): ICT infrastructure to enable the transition towards road transport automation ART-02-2016 (IA): Automation pilots for passenger cars ART-03-2017 (IA): Multi-Brand platooning in real traffic conditions ART-04-2016 (RIA): Safety and end-user acceptance aspects of road automation in the transition period ART-05-2016 (RIA): Road infrastructure to support the transition to automation and the coexistence of conventional and automated vehicles on the same network ART-06-2016 (CSA): Coordination of activities in support of road automation ART-07-2017 (IA): Full-scale demonstration of urban road transport automation Common budget for different ART-calls: 1) 48.0 Mio € 2) 50.0 Mio €	26 Jan 2016 26 Jan 2016	26 Jan 2017 20 Jan 2016 26 Jan 2017 20 Jan 2016 20 Jan 2016	27 Sep 2017 29 Sep 2016 27 Sep 2017 29 Sep 2016 29 Sep 2016	1) 1) 13.0 3.0	2) 2) 2) 2)
Call - 2016-2017 Green Vehicles					
GV-01-2017 (IA): Optimisation of heavy duty vehicles for alternative fuels use GV-02-2016 (RIA): Technologies for low emission light duty powertrains GV-03-2016 (IA): System and cost optimised hybridisation of road vehicles GV-04-2017 (RIA): Next generation electric drivetrains for fully electric vehicles, focusing on high efficiency and low cost GV-05-2017 (RIA): Electric vehicle user-centric design for optimised energy efficiency GV-06-2017 (IA): Physical integration of hybrid and electric vehicle batteries at pack level aiming at increased energy density and efficiency GV-07-2017 (RIA): Multi-level modelling and testing of electric vehicles and their components GV-08-2017 (IA): Electrified urban commercial vehicles integration with fast charging infrastructure GV-09-2017 (IA): Aerodynamic and flexible trucks GV-10-2017 (IA): Demonstration (pilots) for integration of electrified L-category vehicles in the urban transport system GV-11-2016 (CSA): Stimulating European research and development for the implementation of future road transport technologies GV-12-2016: ERA-NET Co-fund on electromobility	01 Feb 2017 26 Jan 2016 26 Jan 2016 01 Feb 2017 01 Feb 2017 01 Feb 2017 01 Feb 2017 01 Feb 2017 01 Feb 2017 01 Feb 2017 26 Jan 2016 26 Jan 2016		Common budget for different GV-calls: 1) 65.0 Mio € 2) 128.0 Mio €	1) 1) 2) 2) 2) 2) 2) 2) 2) 3.5 10.0	2) 2) 2) 2) 2) 2) 2)
SC5. Climate action, environment, resource efficiency and raw materials - Work programme 2016-2017					
Ziele sind u.a. für die nachhaltige Nutzung, die Erhaltung und die Wiederverwertung von Ressourcen neue Wege zu beschreiten. Es werden primär Lösungen gesucht, um die Auswirkungen menschlicher Einflüsse auf natürliche Ressourcen zu minimieren oder zu vermeiden. Ein wichtiger Aspekt ist dabei der Umgang der Gesellschaft mit dem Klimawandel.					
CALL – GREENING THE ECONOMY					
Climate services SCS-01-2016-2017 (IA): Exploiting the added value of climate services SCS-01-2016-2017 (RIA): Exploiting the added value of climate services SCS-02-2017 (RIA): Integrated European regional modelling and climate prediction system SCS-03-2016 (RIA): Climate services market research SCS-04-2017 (RIA): Towards a robust and comprehensive greenhouse gas verification system SCS-05-2016 (CSA): A 1.5 million year look into the past for improving climate predictions	07 Mar 2017 07 Mar 2017 08 Mar 2016 07 Mar 2017 08 Mar 2016	08 Mar 2016	06 Sep 2016	20.00 1) 3) 2)	3) 3) 3) 3)
Towards a low-carbon Europe SCS-6-2016-2017 (RIA): Pathways towards the decarbonisation and resilience of the European economy in the timeframe 2030-2050 and beyond SCS-6-2016-2017 (RIA): Pathways towards the decarbonisation and resilience of the European economy in the timeframe 2030-2050 and beyond SCS-7-2017 (CSA): Coordinating and supporting research and innovation actions on the decarbonisation of the EU economy	08 Mar 2016 07 Mar 2017 07 Mar 2017			1) 3) 4)	3) 4)
Nature-based solutions for sustainable cities and territorial resilience SCS-08-2017 (IA): Large-scale demonstrators on nature-based solutions for hydro-meteorological risk reduction SCS-09-2016 (RIA): Operationalising insurance value of ecosystems SCS-10-2016 (CSA): Multi-stakeholder dialogue platform to promote innovation with nature to address societal challenges	08 Mar 2016 08 Mar 2016	07 Mar 2017	5 Sep 2017	5.0 2)	25.0
Water SCS-11-2016 (CSA): Supporting international cooperation activities on water SCS-12-2016 (CSA): Food systems and water resources for the development of inclusive, sustainable and healthy Euro-Mediterranean societies	08 Mar 2016 26 Jan 2016			2) 2.0	
Raw Materials SCS-13-2016-2017 (RIA): New solutions for sustainable production of raw materials SCS-13-2016-2017 (RIA): New solutions for sustainable production of raw materials SCS-14-2016-2017 (IA): Raw materials Innovation actions SCS-14-2016-2017 (IA): Raw materials Innovation actions SCS-15-2016-2017 (CSA): Raw materials policy support actions SCS-16-2016-2017 (CSA): Raw materials international co-operation SCS-15-2016-2017 (CSA): Raw materials policy support actions SCS-16-2016-2017 (CSA): Raw materials international co-operation SCS-17-2016: ERA-NET Cofund on Raw materials	08 Mar 2016 07 Mar 2017 08 Mar 2016 08 Mar 2016 07 Mar 2017 07 Mar 2017 08 Mar 2016	08 Mar 2016 07 Mar 2017	06 Sep 2016 05 Sep 2017	26.0 28.0 5.0 5.0	10.0 56.0 9.5
Earth Observation SCS-18-2017 (RIA): Novel in-situ observation systems SCS-19-2017 (CSA): Coordination of citizens' observatories initiatives SCS-20-2016 (RIA): European data hub of the GEOSS information system	07 Mar 2017 07 Mar 2017 08 Mar 2016			15.0 10.0	4)
Cultural heritage for sustainable growth SCS-21-2016-2017 (IA): Cultural heritage as a driver for sustainable growth SCS-21-2016-2017 (IA): Cultural heritage as a driver for sustainable growth SCS-22-2017: Innovative financing, business and governance models for adaptive re-use of cultural heritage	07 Mar 2017	08 Mar 2016 07 Mar 2017	06 Sep 2016 05 Sep 2017	10.0	10.0 5.0

	Deadlines				Budgets (EUR million)	
	1-stufiger Antrag	2-stufiger Antrag		2016	2017	
		1. Stufe	2. Stufe			
Support to policy SC5-23-2016-2017 (CSA): Support to confirmed Presidency events (conferences) – Malta, United Kingdom. SC5-23-2016-2017 (CSA): Support to confirmed Presidency events (conferences) – Malta, United Kingdom. SC5-24-2016 (CSA): Support to confirmed Presidency event (conference) in Slovakia SC5-25-2016 (CSA): Macro-economic and societal benefits from creating new markets in a circular economy SC5-26-2017: Pre-commercial procurement on soil decontamination SC5-27-2016 (CSA): Preparing for pre-commercial procurement (PCP) and/or public procurement of innovative solutions (PPI) in support of climate action, environment, resource efficiency and raw materials SC5-28-2016 (ERA-NET): Transformations to sustainability SC5-29-2016 (FPA): Framework Partnership Agreement supporting Joint Actions towards a sustainable green economy in Europe and beyond Common budget for different SC5-calls: 1) 20.0 Mio. € 2) 8.55 Mio. € 3) 43.0 Mio. € 4) 4.6 Mio. €	08 Mar 2016 07 Mar 2017	08 Mar 2016	06 Sep 2016	2) 0.3 2)	4) 5.0	
SME Instrument: SMEinst-12-2016-2017: Boosting the potential of small businesses in the areas and priorities of Societal Challenge 5						
SC6. Europe in a changing world - inclusive, innovative and reflective societies - Work programme 2016-2017 <ul style="list-style-type: none"> Inklusive Gesellschaften: sozialer Zusammenhalt in einem sich verändernden Europa Innovative Gesellschaften: Teilhabe von Menschen, Organisationen und Unternehmen an Innovationsprozessen Reflektierende Gesellschaften: kulturelles Erbe und europäische Identität 						
CALL CO-CREATION FOR GROWTH AND INCLUSION						
CO-CREATION-01-2017 (IA): Education and skills: empowering Europe's young innovators CO-CREATION-02-2016 (CSA): User-driven innovation: value creation through design-enabled innovation CO-CREATION-03-2016 (IA): Piloting demand-driven collaborative innovation models in Europe CO-CREATION-04-2017 (IA): Applied co-creation to deliver public services CO-CREATION-05-2016 (CSA): Co-creation between public administrations: once-only principle CO-CREATION-05-2016 (RIA): Co-creation between public administrations: once-only principle CO-CREATION-06-2017 (RIA): Policy-development in the age of big data: data-driven policy-making, policy-modelling and policy-implementation CO-CREATION-06-2017 (CSA): Policy-development in the age of big data: data-driven policy-making, policy-modelling and policy-implementation CO-CREATION-07-2017 (RIA): Towards a new growth strategy in Europe - Improved economic and social measurement, data and official statistics CO-CREATION-07-2017 (CSA): Towards a new growth strategy in Europe - Improved economic and social measurement, data and official statistics CO-CREATION-08-2016/2017 (RIA): Better integration of evidence on the impact of research and innovation in policy making CO-CREATION-08-2016/2017 (RIA): Better integration of evidence on the impact of research and innovation in policy making CO-CREATION-09-2016: A European map of knowledge production and co-creation in support of research and innovation for societal challenges	02 Feb 2017 04 Feb 2016 04 Feb 2016 02 Feb 2017 24 May 2016 24 May 2016 02 Feb 2017 02 Feb 2017 02 Feb 2017 02 Feb 2017 02 Feb 2017 04 Feb 2016 04 Feb 2016 04 Feb 2016			4.0 5.0 1.0 8.0 11.0 0.5 2.0 1.0 3.5 2.0	5.0 10.0 11.0 0.5 2.0 1.0 3.65	
Call - REVERSING INEQUALITIES AND PROMOTING FAIRNESS						
REV-INEQUAL-01-2016 (RIA): An empirically informed European theory of justice and fairness REV-INEQUAL-02-2016 (RIA): Contemporary radicalisation trends and their implications for Europe REV-INEQUAL-03-2016 (ERA-NET): Dynamics of inequalities across the life-course REV-INEQUAL-04-2016 (RIA): Intra-EU mobility and its impacts for social and economic systems REV-INEQUAL-05-2016 (RIA): Inequalities in the EU and their consequences for democracy, social cohesion and inclusion REV-INEQUAL-06-2016 (RIA): Tackling inequalities at their roots: new policies for fairness in education from early age REV-INEQUAL-07-2016 (RIA): Spatial justice, social cohesion and territorial inequalities REV-INEQUAL-08-2016 (RIA): Fighting inequalities through policies against tax fraud and tax evasion REV-INEQUAL-09-2017 (CSA): Boosting inclusiveness of ICT-enabled research and innovation REV-INEQUAL-10-2016 (CSA): Multi-stakeholder platform for enhancing youth digital opportunities	04 Feb 2016 04 Feb 2016 04 Feb 2016 04 Feb 2016 04 Feb 2016 04 Feb 2016 04 Feb 2016 02 Feb 2017 04 Feb 2016		Common budget for all other REV-INEQUAL-calls in 2016: 37.5 Mio. €	5.0 1.0	3.0	
Call - ENGAGING TOGETHER GLOBALLY						
ENG-GLOBALLY-01-2017 (RIA): Strengthening Europe's position in the global context: science diplomacy and intercultural relations ENG-GLOBALLY-02-2017 (RIA): Shifting global geopolitics and Europe's preparedness for managing risks, mitigation actions and fostering peace ENG-GLOBALLY-03-2017 (RIA): The European Union and the global challenge of migration ENG-GLOBALLY-04-2017 (CSA): Science diplomacy for EU neighbourhood policies ENG-GLOBALLY-05-2017 (RIA): The strategic potential of EU external trade policy ENG-GLOBALLY-06-2017 (RIA): The Asia-Pacific as a strategic region for Europe ENG-GLOBALLY-07-2017 (CSA): The European Union and Central Asia ENG-GLOBALLY-08-2016/2017 (CSA): EU-China cooperation on sustainable urbanisation ENG-GLOBALLY-08-2016/2017 (RIA): EU-China cooperation on sustainable urbanisation ENG-GLOBALLY-09-2016 (CSA): Centres/Networks of European research and innovation	02 Feb 2017 02 Feb 2017 02 Feb 2017 02 Feb 2017 02 Feb 2017 02 Feb 2017 02 Feb 2017 14 Apr 2016 02 Feb 2017 14 Apr 2016		a) Common budget for all calls: 25.0 Mio. €	1.5 1.5 1.5 2.5 10.0	a) a) a) 1.5 a) 1.5 2.5	
Call - UNDERSTANDING EUROPE - PROMOTING THE EUROPEAN PUBLIC AND CULTURAL SPACE						
CULT-COOP-01-2017 (RIA): Democratic discourses and the rule of law CULT-COOP-02-2017 (RIA): Improving mutual understanding among Europeans by working through troubled pasts CULT-COOP-03-2017 (RIA): Cultural literacy of young generations in Europe CULT-COOP-04-2017 (RIA): Contemporary histories of Europe in artistic and creative practices CULT-COOP-05-2017 (RIA): Religious diversity in Europe – past, present and future CULT-COOP-06-2017 (RIA): Participatory approaches and social innovation in culture CULT-COOP-06-2017 (CSA): Participatory approaches and social innovation in culture CULT-COOP-07-2017 (RIA): Cultural heritage of European coastal and maritime regions CULT-COOP-08-2016 (RIA): Virtual museums and social platform on European digital heritage, memory, identity and cultural interaction CULT-COOP-08-2016 (CSA): Virtual museums and social platform on European digital heritage, memory, identity and cultural interaction CULT-COOP-09-2017 (RIA): European cultural heritage, access and analysis for a richer interpretation of the past CULT-COOP-10-2017 (ERA-NET): Culture, integration and European public space CULT-COOP-11-2016/2017 (RIA): Understanding the transformation of European public administrations CULT-COOP-11-2016/2017 (CSA): Understanding the transformation of European public administrations CULT-COOP-11-2016/2017 (RIA): Understanding the transformation of European public administrations	02 Feb 2017 02 Feb 2017 02 Feb 2017 02 Feb 2017 02 Feb 2017 02 Feb 2017 02 Feb 2017 02 Feb 2017 04 Feb 2016 04 Feb 2016 04 Feb 2016 02 Feb 2017 02 Feb 2017 04 Feb 2016 04 Feb 2016 02 Feb 2017		a) Common budget for all calls: 25.0 Mio. €	10.0 1.0 9.0 5.0 8.0 0.5 7.0	a) a) a) a) a) 1.5 a) 1.5 5.0	
SC7. Secure societies - protecting freedom and security of Europe and its citizens - Work programme 2016-2017 <p>Im Rahmen dieser Herausforderung werden innovative Technologien, Lösungen, Prognoseinstrumente und Erkenntnisgrundlagen entwickelt, um Sicherheitsrisiken und Gefährdungsszenarien frühzeitig zu erkennen, zu vermeiden oder deren Schädigungen zu begrenzen</p>						
Call - CRITICAL INFRASTRUCTURE PROTECTION						
CIP-01-2016-2017 (IA): Prevention, detection, response and mitigation of the combination of physical and cyber threats to the critical infrastructure of Europe. CIP-01-2016-2017 (IA): Prevention, detection, response and mitigation of the combination of physical and cyber threats to the critical infrastructure of Europe.	25 Aug 2016 24 Aug 2017			20.0	20.0	

	Deadlines		Budgets (EUR million)		
	1-stufiger Antrag	2-stufiger Antrag 1. Stufe 2. Stufe	2016	2017	
Call - SECURITY					
Disaster-resilience: safeguarding and securing society					
SEC-01-DRS-2016 (IA): Integrated tools for response planning and scenario building	25 Aug 2016			8.0	
SEC-02-DRS-2016 (CSA): Situational awareness systems to support civil protection preparation and operational decision making	25 Aug 2016			1.5	
SEC-03-DRS-2016 (IA): Validation of biological toxins measurements after an incident: Development of tools and procedures for quality control	25 Aug 2016			8.0	
SEC-04-DRS-2017 (PCP): Broadband communication systems	24 Aug 2017				10.0
SEC-05-DRS-2016-2017(CSA): Chemical, biological, radiological and nuclear (CBRN) cluster	25 Aug 2016			2.0	
SEC-05-DRS-2016-2017(RIA): Chemical, biological, radiological and nuclear (CBRN) cluster	24 Aug 2017				13.75
Fight against crime and Terrorism					
SEC-06-FCT-2016 (RIA): Developing a comprehensive approach to violent radicalization in the EU from early understanding to improving protection	25 Aug 2016			2)	
SEC-07-FCT-2016-2017(RIA): Human Factor for the Prevention, Investigation, and Mitigation of criminal and terrorist acts	25 Aug 2016			2)	
SEC-07-FCT-2016-2017(RIA): Human Factor for the Prevention, Investigation, and Mitigation of criminal and terrorist acts	24 Aug 2017		Common budgets for different calls:		3)
SEC-08-FCT-2016 (RIA): Forensics techniques on: a) trace qualification, and b) broadened use of DNA	25 Aug 2016			1)	
SEC-09-FCT-2017 (PCP): Toolkits integrating tools and techniques for forensic laboratories	24 Aug 2017				10.0
SEC-10-FCT-2017 (IA): Integration of detection capabilities and data fusion with utility providers' networks	24 Aug 2017				16.0
SEC-11-FCT-2016 (RIA): Detection techniques on explosives: Countering an explosive threat, across the timeline of a plot	25 Aug 2016			1)	
SEC-12-FCT-2016-2017 (RIA): Technologies for prevention, investigation, and mitigation in the context of fight against crime and terrorism	25 Aug 2016			1)	
SEC-12-FCT-2016-2017 (RIA): Technologies for prevention, investigation, and mitigation in the context of fight against crime and terrorism	25 Aug 2016			3) 12.00 Mio €	10.0
Border Security and External Security					
SEC-13-BES-2017 (PCP): Next generation of information systems to support EU external policies	24 Aug 2017				10.0
SEC-14-BES-2016 (RIA): Towards reducing the cost of technologies in land border security applications	25 Aug 2016			10.0	
SEC-15-BES-2017 (IA): Risk-based screening at border crossing	24 Aug 2017				8.0
SEC-16-BES-2017 (RIA): Through-foliage detection, including in the outermost regions of the EU	24 Aug 2017				8.0
SEC-17-BES-2017 (RIA): Architectures and organizations, big data and data analytics for customs risk management of the international goods supply chain trade movements	24 Aug 2017		Common budgets for different calls:		10.0
SEC-18-BES-2017 (RIA): Acceptance of "no gate crossing point solutions"	24 Aug 2017				3)
SEC-19-BES-2016 (IA): Data fusion for maritime security applications	25 Aug 2016			4)	
SEC-20-BES-2016 (IA): Border Security: autonomous systems and control systems	25 Aug 2016			4)	
General Matters					
SEC-21-GM-2016-2017 (CSA): Pan European Networks of practitioners and other actors in the field of security	25 Aug 2016			15.5	
SEC-21-GM-2016-2017 (CSA): Pan European Networks of practitioners and other actors in the field of security	24 Aug 2017				14.0
Call - Digital Security Focus Area					
DS-01-2016 (RIA): Assurance and Certification for Trustworthy and Secure ICT systems, services and components	12 Apr 2016			13.5	
DS-01-2016 (IA): Assurance and Certification for Trustworthy and Secure ICT systems, services and components	12 Apr 2016			9.0	
DS-01-2016 (CSA): Assurance and Certification for Trustworthy and Secure ICT systems, services and components	12 Apr 2016			1.0	
DS-02-2016 (IA): Cyber Security for SMEs, local public administration and Individuals	25 Aug 2016			22.0	
DS-03-2016 (RIA): Increasing digital security of health related data on a systemic level	16 Feb 2016			11.0	
DS-04-2016 (RIA): Economics of Cybersecurity	25 Aug 2016			4.0	
DS-05-2016 (CSA): EU Cooperation and International Dialogues in Cybersecurity and Privacy Research and Innovation	25 Aug 2016			3.0	
DS-06-2017 (RIA): Cryptography	25 Aug 2016				
DS-07-2017 (RIA): Addressing Advanced Cyber Security Threats and Threat Actors	25 Apr 2017				18.5
DS-07-2017 (IA): Addressing Advanced Cyber Security Threats and Threat Actors	24 Aug 2017				10.0
DS-08-2017 (IA): Privacy, Data Protection, Digital Identities	24 Aug 2017				8.0
DS-08-2017 (IA): Privacy, Data Protection, Digital Identities	24 Aug 2017				18.0
Sub Call – Digital Security and SMEs					
SMEinst-13-2016-2017: Engaging SMEs in security research and development					
15. Spreading Excellence and Widening Participation- Work programme 2016-2017					
Das Programm soll mit Hilfe von Teaming- und Twinningmaßnahmen die Exzellenzbasis Europas in Forschung und Innovation verbreitern und die Beteiligung an exzellenten EU-Forschungs- und Innovationsaktivitäten ausweiten.					
Call - WIDESPREAD					
WIDESPREAD-01-2016-2017 (SGA – CSA): Teaming Phase 2 (reserviert für erfolgreiche Antragsteller vorangegangener Ausschreibungen)	30 Aug 2016			89.53	45.47
WIDESPREAD-02-2016 (CSA): Support to JPI Urban Europe	04 Feb 2016			1.25	
WIDESPREAD-03-2017 (CSA): ERA Chairs	05 Oct 2017				33.91
WIDESPREAD-04-2017 (CSA): Teaming Phase 1	15 Nov 2016				12.00
WIDESPREAD-05-2017 (CSA): Twinning	15 Nov 2017				20.00
16. Science with and for Society - Work programme 2016-2017					
Der Programmbereich verfolgt das Ziel, eine effektive Zusammenarbeit zwischen Wissenschaft und Gesellschaft aufzubauen. Neue Talente sollen für die Wissenschaft als mögliches Berufsfeld angesprochen werden und wissenschaftliche Exzellenz soll stärker mit sozialer Verantwortung verknüpft werden					
1. Institutional Change to Support Responsible Research and Innovation in Research Performing and Funding Organisations					
Swafs-01-2016 (RIA): Participatory research and innovation via Science Shops	30 Aug 2016			3.0	
Swafs-02-2016: ERA-NET Cofund – Promoting Gender equality in H2020 and the ERA	30 Aug 2016			5.0	
Swafs-03-2016-2017 (CSA): Support to research organisations to implement gender equality plans	30 Aug 2016			3.9	6.1
Swafs-04-2016 (CSA): Opening Research Organisations in the European Research Area	30 Aug 2016			6.7	
Swafs-05-2017 (CSA): New constellations of Changing Institutions and Actors	30 Aug 2017				7.1
Swafs-06-2017 (CSA): Engaging industry – Champions for RRI in Industrial Sectors	30 Aug 2017				7.1
Swafs-07-2016 (CSA): Training on Open Science in the European Research Area	30 Aug 2016			0.9	
Swafs-08-2017 (RIA): European Community of Practice to support institutional change	30 Aug 2017				3.0
2. Embedding Responsible Research and Innovation in Horizon 2020 Research & Innovation					
Swafs-09-2016 (CSA): Moving from constraints to openings, from red lines to new frames in Horizon 2020	30 Aug 2016			6.8	
Swafs-10-2017 (RIA): Putting Open Science into action	30 Aug 2017				3.0
3. Strengthening the Science with and for Society Knowledge-Base					
Swafs-11-2017 (RIA): Science education outside the classroom	30 Aug 2017				3.0
Swafs-12-2017 (RIA): Webs of Innovation Value Chains and Openings for RRI	30 Aug 2017				3.0
Swafs-13-2017 (RIA): Integrating Society in Science and Innovation – An approach to co-creation	30 Aug 2017				4.0
Swafs-14-2017 (RIA): A Linked-up Global World of RRI	30 Aug 2017				3.0

	Deadlines			Budgets (EUR million)	
	1-stufiger Antrag	2-stufiger Antrag		2016	2017
		1. Stufe	2. Stufe		
4. Developing Inclusive, Anticipatory Governance for Research & Innovation					
Swafs-15-2016 (CSA): Open Schooling and collaboration on science education	30 Aug 2016			3.0	
Swafs-16-2016 (CSA): Mapping the Ethics and Research Integrity Normative Framework	30 Aug 2016			3.8	
Swafs-17-2016 (CSA): The Ethics of informed consent in novel treatment including a gender perspective	30 Aug 2016			3.8	
Swafs-18-2016 (CSA): The Ethics of technologies with high socio-economic impact and Human Rights relevance	30 Aug 2016			3.8	
Swafs-19-2016 (CSA): Networking of National representatives and resources centres on Gender in R&I	30 Aug 2016			1.95	
Swafs-20-2016 (CSA): ERA Mobility and Career Day	30 Aug 2016			0.87	
Swafs-21-2017 (CSA): Promoting integrity in the use of research results in evidence based policy: a focus on non-medical research	30 Aug 2017				4.20
Swafs-22-2017 (CSA): The ethical dimensions of IT technologies: a European perspective focusing on security and human rights aspects	30 Aug 2017				4.20
Swafs-23-2017 (CSA): Responsible Research and Innovation (RRI) in support of sustainability and governance, taking account of the international context	30 Aug 2017				3.00
Swafs-24-2017 (CSA): Trans-national operation of the EURAXESS Service network	30 Aug 2017				3.85
Swafs-25-2016 (CSA): Celebrating European Science	26 Jan 2016			0.50	
17. Cross-Cutting Activities (Focus Areas) - Work programme 2016-2017					
1. Industry 2020 in the Circular Economy					
PILOTS					
PILOTS-01-2016 (IA): Pilot lines for manufacturing of materials with customized thermal/electrical conductivity properties		08 Dec 2015	24 May 2016	32.00	48.0
PILOTS-02-2016 (IA): Pilot Line Manufacturing of Nanostructured Antimicrobial Surfaces using Advanced Nanosurface Functionalization Technologies		08 Dec 2015	24 May 2016		
PILOTS-03-2017 (IA): Pilot Lines for Manufacturing of Nanotextured surfaces with mechanically enhanced properties		27 Oct 2016	04 May 2017		
PILOTS-04-2017 (IA): Pilot Lines for 3D printed and/or injection moulded polymeric or ceramic microfluidic MEMS		27 Oct 2016	04 May 2017		
PILOTS-05-2017 (RIA): Paper-based electronics		27 Oct 2016	04 May 2017		
FACTORIES OF THE FUTURE - FOF					
FOF-01-2016 (RIA): Novel hybrid approaches for additive and subtractive manufacturing machines	21 Jan 2016			1)	
FOF-02-2016 (IA): Machinery and robot systems in dynamic shop floor environments using novel embedded cognitive functions	21 Jan 2016			1)	
FOF-03-2016 (IA): Zero-defect strategies at system level for multi-stage manufacturing in production lines	21 Jan 2016			1)	
FOF-04-2016 (RIA): Continuous adaptation of work environments with changing levels of automation in evolving production systems	21 Jan 2016			1)	
FOF-05-2016 (CSA): Support for the further development of Additive Manufacturing technologies in Europe	21 Jan 2016			1)	
FOF-06-2017 (RIA): New product functionalities through advanced surface manufacturing processes for mass production	19 Jan 2017			calls:	2)
FOF-07-2017 (IA): Integration of unconventional technologies for multi-material processing into manufacturing systems	19 Jan 2017			1) 77.0 Mio €	2)
FOF-08-2017 (IA): In-line measurement and control for micro-/nano-enabled high-volume manufacturing for enhanced reliability	19 Jan 2017			2) 85.0 Mio €	2)
FOF-09-2017 (IA): Novel design and predictive maintenance technologies for increased operating life of production systems	19 Jan 2017				2)
FOF-10-2017 (IA): New technologies and life cycle management for reconfigurable and reusable customised products	19 Jan 2017				2)
ICT for the Factories of the Future					
FOF-11-2016 (RIA): Digital automation	21 Jan 2016			51.00	
FOF-11-2016 (CSA): Digital automation	21 Jan 2016			2.00	
FOF-12-2017 (IA): ICT Innovation for Manufacturing SMEs (I4MS)	19 Jan 2017				32.00
FOF-12-2017 (CSA): ICT Innovation for Manufacturing SMEs (I4MS)	19 Jan 2017				1.00
FOF-13-2016 (RIA): Photonics Laser-based production	21 Jan 2016			15.00	
FOF-13-2016 (IA): Photonics Laser-based production	21 Jan 2016			15.00	
SUSTAINABLE PROCESS INDUSTRIES - SPIRE					
SPIRE-01-2016 (IA): Systematic approaches for resource-efficient water management systems in process industries	21 Jan 2016			1)	
SPIRE-02-2016 (RIA): Plant-wide monitoring and control of data-intensive processes	21 Jan 2016			1)	
SPIRE-03-2016 (IA): Industrial technologies for the valorisation of European bio-resources into high added value process streams	21 Jan 2016			1)	
SPIRE-04-2016 (RIA): Industrial furnace design addressing energy efficiency in new and existing furnaces	21 Jan 2016			1)	
SPIRE-05-2016 (CSA): Potential use of carbon dioxide / carbon monoxide and non-conventional fossil natural resources in Europe as feedstock for the process industry	21 Jan 2016			calls:	1)
SPIRE-06-2016 (CSA): Business models for flexible and delocalised approaches for intensified processing	21 Jan 2016			1)	
SPIRE-07-2017 (IA): Integrated approach to process optimisation for raw material resources efficiency, excluding recovery technologies of waste streams	19 Jan 2017			1) 74.0 Mio €	2)
SPIRE-08-2017 (RIA): Carbon dioxide utilisation to produce added value chemicals	19 Jan 2017			2) 80.0 Mio €	2)
SPIRE-09-2017 (IA): Pilot lines based on more flexible and down-scaled high performance processing	19 Jan 2017				2)
SPIRE-10-2017 (RIA): New electrochemical solutions for industrial processing, which contribute to a reduction of carbon dioxide emissions	19 Jan 2017				2)
SPIRE-11-2017 (CSA): Support for the enhancement of the impact of SPIRE PPP projects	19 Jan 2017				2)
SPIRE-12-2017 (CSA): Assessment of standardisation needs and ways to overcome regulatory bottlenecks in the process industry	19 Jan 2017				2)
CIRCULAR ECONOMY					
CIRC-01-2016-2017 (IA): Systemic, eco-innovative approaches for the circular economy: large-scale demonstration projects		08 Mar 2016	06 Sep 2016	60.00	
CIRC-01-2016-2017 (IA): Systemic, eco-innovative approaches for the circular economy: large-scale demonstration projects		07 Mar 2017	06 Sep 2017		40.00
CIRC-02-2016-2017 (IA): Water in the context of the circular economy		08 Mar 2016	06 Sep 2016	20.00	
CIRC-02-2016-2017 (IA): Water in the context of the circular economy		07 Mar 2017	06 Sep 2017		30.00
CIRC-03-2016 (CSA): Smart Specialisation for systemic eco-innovation/circular economy	08 Mar 2016			1.50	
CIRC-04-2016 (RIA): New models and economic incentives for circular economy business	08 Mar 2016			3.00	
CIRC-05-2016 (RIA): Unlocking the potential of urban organic waste	08 Mar 2016			3.00	
2. Internet of Things					
IoT-01-2016 (IA): Large Scale Pilots	12 Apr 2016			100.0	
IoT-02-2016 (CSA): IoT Horizontal activities	12 Apr 2016			4.00	
IoT-03-2017 (RIA): R&I on IoT integration and platforms		25 Apr 2017			35.00
3. Smart and Sustainable Cities					
Smart Cities and Communities					
SCC-1-2016-2017 (IA): Smart Cities and Communities lighthouse projects	05 Apr 2016			60.00	
SCC-1-2016-2017 (IA): Smart Cities and Communities lighthouse projects	14 Feb 2017				71.50
Sustainable cities through nature-based solutions					
SCC-02-2016-2017 (IA): Demonstrating innovative nature-based solutions in cities		08 Mar 2016	06 Sep 2016	40.00	
SCC-02-2016-2017 (IA): Demonstrating innovative nature-based solutions in cities		07 Mar 2017	05 Sep 2017		40.00
SCC-03-2016 (RIA): New governance, business, financing models and economic impact assessment tools for sustainable cities with nature-based solutions (urban re-naturing)	08 Mar 2016			15.00	
SCC-04-2016 (ERA-NET): Sustainable urbanisation	08 Mar 2016			5.00	
18. Fast Track to Innovation Pilot – Work programme 2016-2017					
FTIPilot-01-2016 (IA): Fast Track to Innovation Pilot	15 Mar 2016			100.0	
	01 Jun 2016				
	25 Oct 2016				
19. The European Institute of Innovation and Technology (EIT) – Work programme 2016-2017					
Aktuelle und geplante Ausschreibungen					
- Added-value manufacturing					
- Food4future - sustainable supply chain from resources to consumers					
2018 soll eine Ausschreibung zum Thema "Urban mobility" erfolgen.	14 Jul 2016				

	Deadlines		Budgets (EUR million)	
	1-stufiger Antrag	2-stufiger Antrag 1. Stufe 2. Stufe	2016	2017
20. EURATOM – Work programme 2016-2017				
Call - Euratom fission 2016-2017				
A - Support Safe Operation of Nuclear Systems				
NFRP 1 (RIA): Continually improving safety and reliability of Generation II and III reactors	05 Oct 2016		1)	5)
NFRP 2 (RIA): Research on safety of fast neutron Generation-IV reactors	05 Oct 2016		1)	5)
NFRP 3 (RIA): Investigating the safety of closed nuclear fuel cycle options and fuel developments	05 Oct 2016		1)	5)
NFRP 4 (RIA): Research on the safety of small modular reactors	05 Oct 2016		1)	5)
NFRP 5 (RIA): Materials research for Generation-IV reactors	05 Oct 2016		1)	5)
B - Contribute to the Development of Solutions for the Management of Radioactive Waste				
NFRP 6 (RIA): Addressing key priority R&I issues for the first-of-the-kind geological repositories	05 Oct 2016		calls:	6)
NFRP 7 (RIA): Research and innovation on the overall management of radioactive waste other than geological disposal.	05 Oct 2016		1) 47.7 Mio €	6)
NFRP 8 (CSA): Pan-European knowledge sharing and development of competence in radioactive waste management	05 Oct 2016		2) 10.0 Mio €	6)
			3) 7.7 Mio €	
			4) 8.0 Mio €	
			5) 7.71 Mio €	9.0
			6) 8.89 Mio €	
C - Foster radiation protection				
NFRP 9 (RIA): Impacts of low dose radiation exposure	05 Oct 2016			
D - Management of research reactor availability in Europe				
NFRP 10 (CSA): Support for the optimised use of European research reactors	05 Oct 2016			3)
NFRP 11 (RIA): Support for the EU security of supply of nuclear fuel for research reactors	05 Oct 2016			3)
E - Support the development of nuclear competences at EU level				
NFRP 12 (CSA): Support for careers in the nuclear field	05 Oct 2016			6.0
F - Fission/fusion cross-cutting actions				
NFRP 13 (RIA): Fission/fusion cross-cutting research in the area of multi-scale materials modelling	05 Oct 2016			4)
NFRP 14 (RIA): Cross-cutting support to improved knowledge on tritium management in fission and fusion facilities	05 Oct 2016			4)