



Rijksdienst voor Ondernemend  
Nederland

# *Wegwijzer*

# *Horizon 2020*

## *Calls 2017*

*In opdracht van de Europese Commissie, het ministerie van Economische Zaken,  
Ministerie van Infrastructuur en Milieu, Ministerie van Onderwijs, Cultuur en Wetenschap,  
Ministerie van Veiligheid en Justitie en Ministerie van Volksgezondheid, Welzijn en Sport.*

*Versie november 2016*

*>> Als het gaat om duurzaamheid,  
innovatie en internationaal*



# Voorwoord

## In deze wegwijzer...

Deze wegwijzer leidt u door Horizon 2020, hét programma van de Europese Commissie om onderzoek en innovatie (financieel) te ondersteunen. Het geeft een overzicht van de vele mogelijkheden binnen de verschillende Horizon-onderdelen:

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## Horizon 2020

In de periode 2014-2020 trekt de Europese Commissie circa 80 miljard euro uit voor het stimuleren van onderzoek en innovatie. Dit Europese instrument, Horizon 2020 voor onderzoek en ontwikkeling, heeft als doel economische groei in Europa te bevorderen en de Europese concurrentiepositie te verbeteren. In de eerste plaats wil de Europese Commissie de basis van het innoverend vermogen versterken door het ondersteunen van excellent wetenschappelijk onderzoek op wereldniveau. Ten tweede wil de Europese Commissie de productiviteit en het concurrerend vermogen van de Europese industrie versterken door het stimuleren van industriële innovatie. Ten derde daagt Horizon 2020 de wetenschap en de industrie uit om oplossingen te ontwikkelen voor belangrijke Europese maatschappelijke uitdagingen. Denk daarbij aan vraagstukken als vergrijzing, duurzame voedselvoorziening, milieu, energie en veiligheid.

## Projectvormen

Horizon 2020 financiert vooral onderzoeks- en innovatieprojecten, zowel kleinschalige als grootschalige. Soms wordt specifiek gevraagd om deelname van het midden- en kleinbedrijf (MKB). Daarnaast is er financiering voor programma ondersteunende projecten zoals het organiseren van een evenement of het schrijven van een onderzoeksagenda. Tenslotte ondersteunt Horizon 2020 innovatiegericht inkopen en afstemming van nationale onderzoeksprogramma's. De verschillende projectvormen worden als volgt afgekort:

Afkorting	Betekenis	Soort project	Aantal partners	Subsidie
RIA	Research and innovation action	Onderzoeksproject met mogelijk innovatie-elementen	3+	100%
IA	Innovation action	Innovatieproject (demo, pilot, market replication)	3+	70% (non-profit 100%)
SME	SME Instrument	Innovatieproject door het midden- en kleinbedrijf (MKB)	1+	70% (soms 100%)
CSA	Coordination and support action	Ondersteunende activiteiten	1+	100%
PCP	Pre-Commercial Procurement	Aanbesteden van onderzoek en innovatie	3+	70% cofinanciering
PPI	Public Procurement of Innovation	Aanbesteden van innovatieve producten of diensten	3+	20% cofinanciering
ERA-NET	-	Afstemming nationale onderzoeksprogramma's	3+	33% cofinanciering
FTI	Fast Track to Innovation	Innovatieproject (demo, pilot, market replication)	3-5	70%
EJP	European Joint Programme Cofund	Co-financiering van gecoördineerde nationale onderzoeksprogramma's	5+	50%

## Vind uw match met Horizon 2020

Deze wegwijzer leidt u door het omvangrijke Horizon programma en geeft een overzicht van de mogelijkheden binnen Horizon 2020 in 2017, gebaseerd op de werkprogramma's van de Europese Commissie. De eerste calls (financieringsrondes) zijn half oktober 2015 geopend. De sluitingsdata variëren per onderdeel. Iedere organisatie die actief is in onderzoek, technologische ontwikkeling en innovatie in internationaal verband kan deelnemen aan het

Horizon 2020 programma. Dat kunnen onder andere MKB-bedrijven, multinationals, onderzoeksorganisaties, universiteiten en Ngo's zijn.

De meeste projecten hebben een vereiste deelname van tenminste 3 organisaties afkomstig uit Europese lidstaten en/of geassocieerde landen<sup>1</sup>. Er zijn verschillende methodes om in contact te komen met partners. Neem hiervoor contact op met je National Contact Point. Het Enterprise Europe Network kan specifiek het Midden- en Kleinbedrijf helpen met het vinden van buitenlandse partners.

Daarnaast kun je ook als individuele onderzoeker, team of organisatie een project indienen. Deze mogelijkheden bestaan voornamelijk onder de H2020 European Research Council (ERC) en de Marie Skłodowska-Curie Actions (MSCA). Voor het Midden- en Kleinbedrijf is er specifiek het H2020 SME Instrument.

Stap 1: Blader door verschillende Horizon-onderdelen en kijk welke kansen er voor u liggen.  
Stap 2: Ziet u een interessant onderwerp (topic)? De complete beschrijving hiervan leest u in het werkprogramma van het betreffende Horizon-onderdeel. Daar vindt u ook de uitgebreide beschrijving betreffende voorwaarden voor deelname. In de participant portal is het tevens mogelijk om op steekwoorden te zoeken en via deze weg nieuwe programma's te vinden.

Kijk voor algemene informatie op de Horizon 2020 website van de Europese Commissie, zie [ec.europa.eu/research/horizon2020](https://ec.europa.eu/research/horizon2020). Documenten zoals werkprogramma's kunt u downloaden van [ec.europa.eu/research/participants/portal](https://ec.europa.eu/research/participants/portal) (tabblad "how to participate - reference documents"). Ga bij het indienen van uw projectaanvraag altijd uit van de definitieve, officiële documenten op de participant portal.

### **Andere Europese programma's**

Naast Horizon 2020 zijn er meer Europese programma's die onderzoeks- en innovatieprojecten financieren. Eurostars is er speciaal voor het high-tech midden- en kleinbedrijf. COST financiert coördinatie van een onderzoeksgebied. Tenslotte zijn er diverse programma's die projecten financieren op een specifiek gebied, zoals elektronica, luchtvaart, biobased economy en medicijnontwikkeling. Kijkt u voor meer details op [www.rvo.nl](http://www.rvo.nl).

### **Contact**

Meer weten? Behoeft u persoonlijk advies? De Rijksdienst voor Ondernemend Nederland, het nationaal contactpunt voor Horizon 2020, helpt u graag op weg. Neem contact op met onze adviseurs via 088 042 4242. Of kijk verderop in dit document en op [www.rvo.nl/horizon2020](http://www.rvo.nl/horizon2020).

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<sup>1</sup> IJsland, Noorwegen, Albanië, Bosnië & Herzegovina, Macedonia, Montenegro, Servië, Turkije, Israël, Moldavië, Switzerland, Faeröer Eilanden, Oekraïne, Tunesië en Georgië. Switzerland neemt alleen deel aan enkele calls.

Excellent Science

## European Research Council (ERC)

ERC stimuleert excellente onderzoekers om de wetenschappelijke grenzen binnen hun vakgebied te verleggen (frontier research). Het is niet noodzakelijk dat dit onderzoek in internationaal verband wordt uitgevoerd.

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Het call-budget bedraagt circa 1650 miljoen euro voor 2017.

Calls 2016	Budget (miljoen euro)	Sluiting (indicatief)
ERC Starting Grant	605 (415 verwachte grants)	18-10-2016
ERC Consolidator Grant	575 (320 verwachte grants)	09-02-2017
ERC Advanced Grant	567 (245 verwachte grants)	31-08-2017
ERC Proof of Concept	20 (130 verwachte grants)	19-01-2017 25-04-2017 05-09-2017

# Future and Emerging Technologies (FET)

FET financiert samenwerkingsprojecten die wetenschappelijke grenzen verleggen en zo de basis leggen voor toekomstige technologieën. Het call-budget bedraagt 162,8 miljoen euro voor 2017.

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 Ruben Wassink [ruben.wassink@rvo.nl](mailto:ruben.wassink@rvo.nl)

Topic	Omschrijving	Type project	Budget (miljoen euro)	Sluiting
<b>FET-Open – novel ideas for radically new technologies</b>			<b>113,8</b>	
FETOPEN-01	FET-Open Research and innovation actions	RIA	110,5 (<3 per project)	17-01-2017 27-09-2017
FETOPEN-03	FET-Open Coordination and Support Actions a) FET Futures	CSA	1,5 0,3-0,5 per project	17-01-2017
	b) FET Exchange	CSA	0,3-0,5 per project	17-01-2017
FETOPEN-04	FET Innovation Launchpad	CSA	1,8 (<0,1 per project)	27-09-2017
<b>FET Proactive – boosting emerging technologies</b>			<b>5</b>	
FETPROACT-02	FET ERANET Cofund	ERA-NET	5	24-01-2017
<b>FET-Proactive: High Performance Computing</b>			<b>44</b>	
FETHPC-02	Transition to exascale computing	RIA	40 (2-4 per project)	26-09-2017
FETHPC-03	Exascale HPC ecosystem development a) Coordination of the exascale HPC strategy and international collaboration	CSA	4 1-2 per project	26-09-2017
	b) Excellence in exascale computing systems	CSA	1-2 per project	26-09-2017

# Marie Skłodowska-Curie

Marie Skłodowska-Curie ondersteunt onderzoekers bij het uitbouwen van hun internationale onderzoekscarrière. Zo zijn er bijvoorbeeld mogelijkheden om (met financiële ondersteuning) gedurende een bepaalde periode onderzoek te doen in het buitenland en om buitenlandse onderzoekers tijdelijk in dienst te nemen.

Contact: Anna Goedhart, Doenja Koppejan & Lieke Michiels van Kessenich  
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Het call-budget bedraagt circa 840,2 miljoen euro voor 2017.

Calls 2017	Budget (miljoen euro)	Sluiting
<b>Innovative Training Networks (ITN)</b>	<b>430</b>	
European Training Networks (ETN)	370	10-01-2017
European Industrial Doctorates (EID)	28	10-01-2017
European Joint Doctorates (EJD)	32	10-01-2017
<b>Individual Fellowships (IF)</b>	<b>248,7</b>	
European Fellowship – Standard (EF St), Career Restart Panel (EF CAR) en Reintegration Panel (EF RI)	205	14-09-2017
European Fellowship Society and Enterprise Panel (EF SE)	10	14-09-2017
Global Fellowship (GF)	33,7	14-09-2017
<b>Research and Innovation Staff Exchange (RISE)</b>	<b>80</b>	
Research and Innovation Staff Exchange (RISE)	80	05-04-2017
<b>Co-funding of regional, national and international programmes (COFUND)</b>	<b>80</b>	
Doctoral Programme	30	28-09-2017
Fellowship Programme	50	28-09-2017
<b>Trans-national cooperation among Marie Skłodowska-Curie National Contact Points (NCP)</b>	<b>1.5</b>	
Trans-national cooperation among Marie Skłodowska-Curie National Contact Points (NCP)	1.5	04-05-2017



# Excellent Science Research infrastructures

Contact: Saske Hoving  
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Het totaal budget bedraagt circa 105 miljoen euro voor 2017.

Topic	Omschrijving	Type project	Budget (miljoen euro)	Sluiting
<b>Development and long-term sustainability of new pan-European research infrastructures</b>			<b>20</b>	
INFRADEV-01	Design Studies	RIA	20 (1-3 per project)	29-03-2017
<b>e-Infrastructures</b>			<b>60</b>	
<b>Theme 2 - Prototyping innovative e-infrastructure platforms and services for research and education communities, industry and the citizens at large</b>				
EINFRA-12	Data and Distributed Computing e-infrastructures for Open Science		40	
	a) Secure and agile data and distributed computing e-infrastructures	RIA	10-15 per project	29-03-2017
	b) Access and preservation platforms for scientific information	RIA	8-10 per project	29-03-2017
EINFRA-21	Platform-driven e-infrastructure innovation			
	b) Research and innovation actions for e-infrastructure prototypes	RIA	20	29-03-2017
	1. Universal discoverability of data objects and provenance		4-5 per project	
	2. Computing e-infrastructure with extreme large datasets		2,5-3 per project	
<b>Fostering the innovation potential of research infrastructure</b>			<b>20</b>	
INFRA-INNOV-01	Fostering co-innovation for future detection and imaging technologies	RIA	20 (<20 per project)	29-03-2017
<b>Support to policy and international cooperation</b>			<b>5</b>	
INFRASUPP-02	Policy and international cooperation measures for research infrastructures	CSA	5	29-03-2017
	1. Develop a model describing the socio-economic impact of Research Infrastructures and of their related financial investments.		<1,5 per project	
	2. European support to the Research Data Alliance		3-3,5 per project	

# Industrial Leadership Information and Communication Technologies (ICT)

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Het call-budget bedraagt circa 633,5 miljoen euro voor 2017.

Topic	Omschrijving	Type project	Budget (miljoen euro)	Sluiting
<b>Information and Communication Technologies Call</b>			<b>625,5</b>	
Advanced Computing and Cloud Computing				
ICT-05	Customised and low energy computing		30	
	a) Programming environments and toolboxes for low energy and highly parallel computing	RIA	4-6 per project	25-04-2017
	b) Low power processor technologies	RIA	6-10 per project	25-04-2017
	b) Coordination and Support Actions	CSA	2	
Future Internet				
ICT-11	Collective awareness platforms for sustainability and Social Innovation			
	a) Innovation Actions	IA	9 (1-2 per project)	25-04-2017
	b) Coordination and Support Actions	CSA	1 (0,2-0,8 per project)	25-04-2017
Content				
ICT-14	Big Data PPP: cross-sectorial and cross-lingual data integration and experimentation		27	
	a) Data integration activities	IA	1-3 per project	25-04-2017
	b) Data experimentation incubators	IA	7 per project	25-04-2017
ICT-15	Big Data PPP: Large scale pilot projects in sectors best benefitting from data-driven innovation	IA	25 (10-15 per project)	25-04-2017
ICT-16	Big data PPP: research addressing main technology challenges of the data economy	RIA	33 (2-5 per project)	25-04-2017
ICT-17	Big data PPP: Support, industrial skills, benchmarking and evaluation			
	b) Research and Innovation Actions	RIA	2 (2 per project)	25-04-2017
ICT-20	Tools for smart digital content in the creative industries	RIA	17 (2-4 per project)	25-04-2017
ICT-23	Interfaces for accessibility			
	a) Research and Innovation Actions	RIA	10 (2 per project)	25-04-2017
	b) Innovation Actions	IA	4 (2 per project)	25-04-2017
Robotics and Autonomous Systems				
ICT-25	Advanced robot capabilities research and take-up			
	a) Research and Innovation Actions	RIA	15 (2-4 per project)	25-04-2017
	b) Innovation Actions	IA	19 (2-4 per project)	25-04-2017
ICT-27	System abilities, SME and benchmarking actions, safety certification		30	
	a) Research and Innovation Actions on system abilities	RIA	2-4 per project	25-04-2017
	b) Research and Innovation Actions for SME-based research and for benchmarks		5-8 per project	25-04-2017

	c) Innovation Actions on shared facilities for safety certification	IA	11 (6-11 per project)	25-04-2017
	d) Pre-Commercial Procurement Actions	PCP	7 (5-7 per project)	25-04-2017
ICT-28	Robotics competition, coordination and support	CSA	5	
	a) Non-technical barriers to robotics take-up		<3 per project	25-04-2017
	b) Standards and regulations		<3 per project	25-04-2017
	c) Community support and outreach		<3 per project	25-04-2017
	d) Competitions		<2 per project	25-04-2017
<b>ICT Key Enabling Technologies</b>				
ICT-30	Photonics KET 2017			
	a) Research and Innovation Actions		43	
	- Application driven core photonic technology developments for a new generation of photonic devices for agile Petabit/s Optical Core and Metro networks	RIA	6-8 per project	25-04-2017
	- Photonic integrated circuit (PIC) technology	RIA	3-4 per project	25-04-2017
	- Disruptive approaches to optical manufacturing by 2 and 3 D opto-structuring	RIA	3-4 per project	25-04-2017
	b) Innovation Actions		43	
	- Innovation Incubator for SMEs	IA	8-10 per project	25-04-2017
	- Application driven core photonic devices integrated in systems	IA	6-8 per project	25-04-2017
	c) Coordination and Support Actions		3	
	- Supporting the industrial strategy for photonics in Europe	CSA	<3 per project	25-04-2017
ICT-31	Micro- and nanoelectronics technologies			
	a) Research and Innovation Actions	RIA	19 (2-4 per project)	25-04-2017
	b) Innovation Action	IA	3 (1-2 per project)	25-04-2017
	c) Coordination and Support Actions	CSA	1 (0,5 per project)	25-04-2017
<b>Innovation and Entrepreneurship support</b>				
ICT-32	Startup Europe for Growth and Innovation Radar			
	a) Innovation Actions	IA	10 (1,5 per project)	25-04-2017
	b) Coordination and Support Actions	CSA	2 (1 per project)	25-04-2017
ICT-33	Innovation procurement networks	CSA	4 (1-2 per project)	25-04-2017
<b>International Cooperation Activities</b>				
ICT-39	International partnership building in low and middle income countries			
	a) Innovation Actions	IA	13 (1-2 per project)	25-04-2017
ICT-40	Reinforcing European presence in international ICT standardisation	CSA	2 (<2 per project)	25-04-2017
ICT-41	Next generation internet	CSA	2 (0,7 per project)	25-04-2017
<b>EU-Brazil Joint Call</b>			<b>8</b>	
EUB-01	Cloud Computing	RIA	2,5 (1-1,5 per project)	14-03-2017
EUB-02	IoT Pilots	RIA	4,5 (<1,5 per project)	14-03-2017
EUB-03	5G Networks	RIA	1 (1 per project)	14-03-2017

## Industrial Leadership

# Nanotechnologies, Advanced materials, Biotechnology, Advanced manufacturing and Processing

Contact: Ahmet Polat  
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Het call-budget bedraagt circa 313,75 miljoen euro voor 2017.

Topic	Omschrijving	Type project	Budget (miljoen euro)	Sluiting
<b>EEB</b>	<b>Energy-efficient buildings</b>		<b>54.88</b>	
EEB-05	Development of near zero energy building renovation	IA	5-7 per project	19-01-2017
EEB-06	Highly efficient hybrid storage solutions for power and heat in residential buildings and district areas, balancing the supply and demand conditions	RIA	4-6 per project	19-01-2017
EEB-07	Integration of energy harvesting at building and district level	IA	4-6 per project	19-01-2017
EEB-08	New business models for energy-efficient buildings through adaptable refurbishment solutions	CSA	0,5-1 per project	19-01-2017
<b>NMBP</b>	<b>Nanotechnologies, advanced materials, biotechnology and production</b>		<b>258.87</b>	
	<b>Advanced materials and nanotechnologies for high added value products and process industries</b>			
NMBP-04	Architected /advanced material concepts for intelligent bulk material structures	RIA	5-8 per project	27-10-2016 (1 <sup>st</sup> stage) 04-05-2017 (2 <sup>nd</sup> stage)
NMBP-05	Advanced materials and innovative design for improved functionality and aesthetics in high added value consumer goods	IA	5-7 per project	27-10-2016 (1 <sup>st</sup> stage) 04-05-2017 (2 <sup>nd</sup> stage)
NMBP-06	Improved material durability in buildings and infrastructures, including offshore	RIA	3-6 per project	27-10-2016 (1 <sup>st</sup> stage) 04-05-2017 (2 <sup>nd</sup> stage)
NMBP-07	Systems of materials characterisation for model, product and process optimisation	RIA	3-4 per project	27-10-2016 (1 <sup>st</sup> stage) 04-05-2017 (2 <sup>nd</sup> stage)
	<b>Advanced materials and nanotechnologies for healthcare</b>			
NMBP-12	Development of a reliable methodology for better risk management of engineered biomaterials in advanced therapy medicinal products and/or medical devices	RIA	5-8 per project	04-05-2017
NMBP-13	Cross-cutting KETs for diagnostics at the point-of-care	RIA	15 (3-5 per project)	19-01-2017
NMBP-14	Regulatory science framework for assessment of risk benefit ratio of Nanomedicines and Biomaterials	RIA	5-8 per project	04-05-2017
NMBP-15	Nanotechnologies for imaging cellular transplants and regenerative processes in vivo	RIA	5-7 per project	04-05-2017
NMBP-16	Mobilising the European nano-biomedical ecosystem	CSA	1-2 per project	19-01-2017
	<b>Advanced materials and nanotechnologies for energy applications</b>			
NMBP-19	Cost-effective materials for "power-to-chemical" technologies	RIA	3-5 per project	27-10-2016 (1 <sup>st</sup> stage) 04-05-2017

NMBP-20	High-performance materials for optimizing carbon dioxide capture	IA	6-8 per project	27-10-2016 (2 <sup>nd</sup> stage) 27-10-2016 (1 <sup>st</sup> stage) 04-05-2017 (2 <sup>nd</sup> stage)
<b>Eco-design and new sustainable business models</b>				
NMBP-22	Business models and industrial strategies supporting novel supply chains for innovative product-services	RIA	2-4 per project	27-10-2016 (1 <sup>st</sup> stage) 04-05-2017 (2 <sup>nd</sup> stage)
<b>BIOTEC Biotechnology</b>				
BIOTEC-05	Microbial platforms for CO <sub>2</sub> -reuse processes in the low-carbon economy	RIA	5-7 per project	27-10-2016 (1 <sup>st</sup> stage) 04-05-2017 (2 <sup>nd</sup> stage)
BIOTEC-06	Optimisation of biocatalysis and downstream processing for the sustainable production of high value-added platform chemicals	IA	5-7 per project	27-10-2016 (1 <sup>st</sup> stage) 04-05-2017 (2 <sup>nd</sup> stage)
BIOTEC-07	New plant breeding techniques (NPBT) in molecular farming: multipurpose crops for industrial bioproducts	RIA	5-7 per project	27-10-2016 (1 <sup>st</sup> stage) 04-05-2017 (2 <sup>nd</sup> stage)
BIOTEC-08	Support for enhancing and demonstrating the impact of KET biotechnology projects	CSA	0,7-1 per project	19-01-2017
<b>Computation materials modelling for the development of nanotechnologies and advanced materials</b>				
NMBP 25	Next generation system integrating tangible and intangible materials model components to support innovation in industry	IA	5-8 per project	27-10-2016 (1 <sup>st</sup> stage) 04-05-2017 (2 <sup>nd</sup> stage)
<b>Science-based risk assessment and management of nanotechnologies, advanced materials and biotechnologies</b>				
NMBP-28	Framework and strategies for nanomaterial characterisation, classification, grouping and read-across for risk analysis	RIA	5-7 per project	27-10-2016 (1 <sup>st</sup> stage) 04-05-2017 (2 <sup>nd</sup> stage)
NMBP-29	Advanced and realistic models and assays for nanomaterial hazard assessment	RIA	10-13 per project	27-10-2016 (1 <sup>st</sup> stage) 04-05-2017 (2 <sup>nd</sup> stage)
<b>Innovative and responsible governance of new and converging enabling technologies</b>				
NMBP-31	Presidency events	CSA	0,3-0,6 per project	19-01-2017
NMBP-34	Governing innovation of nanotechnology through enhanced societal engagement	CSA	1,5-2 per project	19-01-2017
NMBP-35	Innovative solutions for the conservation of 20th century cultural heritage	RIA	6-8 per project	27-10-2016 (1 <sup>st</sup> stage) 04-05-2017 (2 <sup>nd</sup> stage)
NMBP-37	Mapping a path to future supply chains	CSA	0,6-1,2 per project	19-01-2017
NMBP-38	Support for the enhancement of the impact of PILOT projects	CSA	0,5-1 per project	19-01-2017

# Industrial Leadership Space

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Het call-budget bedraagt circa 98,5 miljoen euro voor 2017.

Topic	Omschrijving	Type project	Budget (miljoen euro)	Sluiting
<b>Applications in Satellite Navigation – Galileo - 2017</b>			<b>33,0</b>	
GALILEO-1	EGNSS Transport applications	IA	14,5 (1-3 per project)	01-03-2017
GALILEO-2	EGNSS mass market applications	IA	9 (1-3 per project)	01-03-2017
GALILEO-3	EGNSS professional applications	IA	8 (1-3 per project)	01-03-2017
GALILEO-4	EGNSS awareness raising and capacity building	CSA	1,5 (0,5-1 per project)	01-03-2017
<b>Earth Observation - 2017</b>			<b>22,0</b>	
EO-1	Downstream applications	IA	12 (1-2 per project)	01-03-2017
EO-2	EO Big Data Shift	RIA	6,5 (1-2 per project)	01-03-2017
EO-3	Preparation for a European capacity to monitor CO <sub>2</sub> anthropogenic emissions	CSA	3.5 (3.5 per project)	01-03-2017
<b>Competitiveness of the European Space Sector: technology and science - 2017</b>			<b>43,5</b>	
COMPET-1	Technologies for European non-dependence and competitiveness	RIA	15 (2-5 per project)	01-03-2017
COMPET-2	Competitiveness in Earth observation mission technologies	RIA	7 (2-3 per project)	01-03-2017
COMPET-3	High speed data chain - Full data chain - Rise in user demand of NRT/QRT data	RIA	10 (5-7 per project) (2-3 per project)	01-03-2017
COMPET-4	Scientific data exploitation	RIA	6 (1,5 per project)	01-03-2017
COMPET-5	Space weather	RIA	3 (1-1,5 per project)	01-03-2017
COMPET 6	Space portal	CSA	0,5 (0,5 per project)	01-03-2017
COMPET 7	Technology transfer and business generators	CSA	2 (2 per project)	01-03-2017

## Industrial Leadership

# Innovation in SMEs

Onder dit thema vallen ondersteunende activiteiten om groei en innovatie bij het MKB te stimuleren. Het call-budget bedraagt circa 463,41 miljoen euro voor 2017.

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Het SME instrument is bedoeld voor internationaal georiënteerde innovatieve bedrijven die een nieuw product, dienst of proces naar de markt willen brengen (high-risk en high-potential).

Overzicht SME Instrument			
Horizon 2020 dedicated SME Instrument			437,51
SMEInst-01	Open Disruptive Innovation Scheme	SME	66
SMEInst-02	Accelerating the uptake of nanotechnologies advanced materials or advanced manufacturing and processing technologies by SMEs	SME	35,32
SMEInst-03	Dedicated support to biotechnology SMEs closing the gap from lab to market	SME	7,5
SMEInst-04	Engaging SMEs in space research and development	SME	12,6
SMEInst-05	Supporting innovative SMEs in the healthcare biotechnology sector	SME	80
SMEInst-06	Accelerating market introduction of ICT solutions for Health, Well-Being and Ageing Wel	SME	12,5
SMEInst-07	Stimulating the innovation potential of SMEs for sustainable and competitive agriculture, forestry, agri-food and bio-based sectors	SME	37,87
SMEInst-08	Supporting SMEs efforts for the development - deployment and market replication of innovative solutions for blue growth	SME	12,42
SMEInst-09	Stimulating the innovation potential of SMEs for a low carbon and efficient energy system	SME	50
SMEInst-10	Small business innovation research for Transport and Smart Cities Mobility	SME	61,23
SMEInst-11	Boosting the potential of small businesses in the areas of climate action, environment, resource efficiency and raw materials	SME	36
SMEInst-12	New business models for inclusive, innovative and reflective societies	SME	11,4
SMEInst-13	Engaging SMEs in security research and development	SME	14,67

Projectaanvragen kunnen continu worden ingediend maar wel zijn er tussentijds sluitingsdata. Na elke sluitingsdatum worden binnengekomen aanvragen beoordeeld. U kunt twee typen projecten aanvragen: een 'fase 1' haalbaarheidsstudie (50k euro lump sum) en een 'fase 2' R&D project (0,5-2,5 miljoen euro, meestal 70%, soms 100% subsidie).

Sluitingsdata SME instrument	
2017	
<b>Fase I</b>	15-02-2017 03-05-2017 06-09-2017 08-11-2017
<b>Fase II</b>	18-01-2017 06-04-2017 01-06-2017 18-10-2017

Topic	Omschrijving	Type project	Budget (miljoen euro)	Sluiting
<b>Call – For a better innovation support to SMEs</b>			<b>25,9</b>	
INNOSUP-01	Cluster facilitated projects for new industrial value chains	IA	18,5 (2,5-5 per project)	04-04-2017 (1 <sup>st</sup> stage) 07-09-2017 (2 <sup>nd</sup> stage)
INNOSUP-03	Technology services to accelerate the uptake of advanced manufacturing technologies for clean production by manufacturing SMEs	CSA	4,9 (<4,9 per project)	28-03-2017
INNOSUP-05	Peer learning of innovation agencies	CSA	0,015 of 0,5	8-03-2017 18-10-2017
INNOSUP-07	Innovating SMEs - segmentation along lifecycle and sectors (analytical research activity)	RIA	1 (0,3-1 per project)	28-03-2017
INNOSUP-08	A better access to industrial technologies developed overseas	SGA-CSA	1	28-03-2017



## Societal Challenge 1

# Health, demographic change and wellbeing

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Het call-budget bedraagt 331.76 miljoen euro voor 2017.

Topic	Omschrijving	Type project	Budget (miljoen euro)	Sluiting
<b>Personalised medicine</b>			<b>331,76</b>	
<b>1.1 Understanding health, well-being and disease</b>				
PM-02	New concepts in patient stratification	RIA	44 (4-6 per project)	04-10-2016 (1 <sup>st</sup> stage) 11-04-2017 (2 <sup>nd</sup> stage)
PM-03	Diagnostic characterisation of rare diseases	RIA	15 (15 per project)	11-04-2017
<b>1.2 Preventing disease</b>				
PM-07	Promoting mental health and well-being in the young	RIA	20 (2-4 per project)	04-10-2016 (1 <sup>st</sup> stage) 11-04-2017 (2 <sup>nd</sup> stage)
<b>1.3 Treating and managing diseases</b>				
PM-08	New therapies for rare diseases	RIA	65 (4-6 per project)	04-10-2016 (1 <sup>st</sup> stage) 11-04-2017 (2 <sup>nd</sup> stage)
PM-10	Comparing the effectiveness of existing healthcare interventions in the adult population	RIA	44 (4-6 per project)	04-10-2016 (1 <sup>st</sup> stage) 11-04-2017 (2 <sup>nd</sup> stage)
PM-11	Clinical research on regenerative medicine	RIA	30 (4-6 per project)	11-04-2017
<b>1.4 Active ageing and self-management of health</b>				
PM-15	Personalised coaching for well-being and care of people as they age	RIA	26,5 (3-4 per project)	31-01-2017
<b>1.5 Methods and data</b>				
PM-16	In-silico trials for developing and assessing biomedical products	RIA	19 (4-6 per project)	14-03-2017
PM-17	Personalised computer models and in-silico systems for well-being	RIA	19 (4-6 per project)	14-03-2017
PM-19	PPI for uptake of standards for the exchange of digitalised healthcare records	PPI	8,26 (3-4 per project)	14-03-2017
PM-20	Methods research for improved health economic evaluation	RIA	9 (2-3 per project)	11-04-2017
<b>Coordination activities</b>				
HCO-03	Implementing the Strategic Research Agenda on Personalised Medicine	ERA-NET	5 (5 per project)	11-04-2017
HCO-07	Global Alliance for Chronic Diseases (GACD) prevention and management of mental disorders	RIA	24 (1-3 per project)	11-04-2017
HCO-08	Actions to bridge the divide in European health research and innovation	CSA	1 (<1 per project)	11-04-2017
HCO-17	Support for large scale uptake of Digital Innovation for Active and Healthy Ageing	CSA	2 (<2 per project)	31-01-2017

## Societal Challenge 2

# Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy

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Het call-budget bedraagt circa 416,57 miljoen euro voor 2017.

Topic	Omschrijving	Type project	Budget (miljoen euro)	Sluiting
<b>Sustainable Food Security – Resilient and resource-efficient value chains</b>			<b>280,57</b>	
<b>More resilient and resource efficient value chains</b>				
SFS-04	New partnerships and tools to enhance European capacities for in-situ conservation	CSA	2 (<2 per project)	14-02-2017
SFS-05	Robotics advances for precision farming	RIA	7 (2-4 per project)	14-02-2017
SFS-07	Organic Breeding – Increasing the competitiveness of the organic breeding and farming sectors	RIA	12 (<6 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
SFS-08	Organic Inputs – Contentious inputs in organic farming	RIA	8 (<4 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
SFS-10	Research and approaches for emerging diseases in plants and terrestrial livestock	RIA	15 (<5 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
SFS-13	Validation of diagnostic tools for animal and plant health	IA	6 (<3 per project)	14-02-2017
SFS-15	Breeding livestock for resilience and efficiency	RIA	7 (<7 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
SFS-16	Bee health and sustainable pollination	RIA	9 (<9 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
SFS-17	Innovations in plant protection	RIA	10 (3 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
SFS-18	Support to the development and implementation of FOOD 2030 – a European research and innovation policy framework for food and nutrition security.	CSA	4 (<4 per project)	14-02-2017
SFS-19	ERA-NET Cofund; Public-Public Partnerships in the bioeconomy E: Innovative forest-based bioeconomy	ERA-NET-COFUND	10,07	14-02-2017
SFS-20	Towards a science-based regionalisation of the Common Fisheries Policy	RIA	6 (<6 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
SFS-21	Advancing basic biological knowledge and improving management tools for commercially important fish and other seafood species	RIA	5 (<5 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)

SFS-22	Smart fisheries technologies for an efficient, compliant and environmentally friendly fishing sector	IA	6 (<6 per project)	14-02-2017
<b>Environment-smart and climate-smart primary production</b>				
SFS-27	Permanent grassland – farming systems and policies	RIA	10 (<10 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
SFS-28	Functional Biodiversity – Productivity gains through functional biodiversity – effective interplay of crop pollinators and pest predators	RIA	10 (<10 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
SFS-29	Socio-eco-economics – Socio economics in ecological approaches	RIA	5 (<5 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
SFS-30	Closing loops at farm and regional levels to mitigate GHG emissions and environmental contamination- focus on carbon, nitrogen and phosphorus cycling in agro-ecosystems	RIA	14 (<7 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
SFS-32	Promoting and supporting eco-intensification of aquaculture production systems: inland (including fresh water), coastal zone and offshore	RIA	12 (<6 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
SFS-49	Better understanding the challenges facing agriculture and the impacts of policies – A European platform to support modelling in agriculture	CSA	1 (<1 per project)	14-02-2017
<b>A competitive food industry</b>				
SFS-34	Innovative agri-food chains: unlocking the potential for competitiveness and sustainability	RIA	6 (<6 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
SFS-35	Innovative solutions for sustainable food packaging	IA	12 (<6 per project)	14-02-2017
<b>Healthy and safe foods and diets for all</b>				
SFS-36	Co-fund on "One Health" (zoonoses – emerging threats)	COFUND -EJP	45 (< 45 per project)	14-02-2017
SFS-39	How to tackle the childhood obesity epidemic?	RIA	20 (<10 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
SFS-40	Sweeteners and sweetness enhancers	RIA	9 (<9 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
<b>Support to the implementation of the EU-Africa partnership on food and nutrition security and sustainable agriculture</b>				
SFS-43	Earth observation services for the monitoring of agricultural production in Africa	RIA	10 (<10 per project)	14-02-2017
SFS-50	Supporting international cooperation activities on agriculture soil contributing to climate change mitigation and adaptation	CSA	2,50 (<2,50 per project)	14-02-2017
<b>Implementation of the EU-China FAB Flagship initiative</b>				
SFS-46	Alternative production system to address anti-microbial drug usage, animal welfare and the impact on health	RIA	5 (<5 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
SFS-47	Management of soil water resources in the EU and China and its impact on agro-ecosystem functions	RIA	5 (<5 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
SFS-48	Resource-efficient urban agriculture for multiple benefits – contribution to the EU-China Urbanisation Partnership	IA	7 (<7 per project)	14-02-2017
<b>Blue Growth: Demonstrating an ocean of opportunities</b>			<b>48,4</b>	
<b>Boosting innovation for emerging Blue Growth activities</b>				
BG-02	High value-added specialised vessel concepts enabling more efficient servicing of emerging coastal and offshore activities 2) Specialised vessels for offshore activities	IA	8 (<8 per project)	14-02-2017
BG-04	Multi-use of the oceans marine space, offshore and near-shore: Enabling technologies	IA	8 (<8 per project)	14-02-2017

<b>Linking healthy oceans and seas with healthy people</b>				
BG-06	Interaction between people, oceans and seas: a strategic approach towards healthcare and well-being	CSA	2 (<2 per project)	14-02-2017
BG-07	Blue green innovation for clean coasts and seas	IA	12 (<6 per project)	14-02-2017
BG-08	Innovative sustainable solutions for improving the safety and dietary properties of seafood	IA	7 (<7 per project)	14-02-2017
<b>The Arctic Dimension</b>				
BG-11	The effect of climate changes on Arctic permafrost and its socio-economic impact, with a focus on coastal areas	RIA	10 (<10 per project)	14-02-2017
BG-14	Monitoring and assessing fish stocks, other pelagic species and habitats with an automated, non-invasive, opto-acoustic system.	IA	1,4 (<1,4 per project)	14-02-2017
<b>Rural Renaissance - Fostering innovation and business opportunities</b>			<b>61</b>	
<b>New approaches towards policies and governance</b>				
RUR-02	Coastal-rural interactions: enhancing synergies between land and sea-based activities	RIA	5 (<5 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
RUR-03	Towards 2030: policies and decision support tools for an integrated management of land as a natural resources	RIA	7 (<7 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
RUR-05	Novel public policies, business models and mechanisms for the sustainable supply of and payment for forest ecosystem services	IA	8 (<4 per project)	14-02-2017
<b>New value chains and business models</b>				
RUR-09	Business models for modern rural economies	RIA	9 (<4.5 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
<b>Innovation and skill development</b>				
RUR-10	Thematic Networks compiling knowledge ready for practice	CSA	10 (<2 per project)	14-02-2017
RUR-12	Networking European farms to boost thematic knowledge exchanges and close the innovation gap	CSA	7 (<7 per project)	14-02-2017
RUR-13	Building a future science and education system fit to deliver to practice	RIA	7 (<7 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
RUR-15	The benefits of working with others – fostering social capital in the farming sector	CSA	3 (<3 per project)	14-02-2017
RUR-16	Optimising interactive innovation project approaches and the delivery of EU policies to speed up innovation in rural areas	RIA	5 (<5 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> stage)
<b>Bio-based innovation for sustainable goods and services - Supporting the development of a European Bioeconomy</b>			<b>26,47</b>	
<b>Securing sustainable biomass supply for bio-based goods and services</b>				
BB-02	Towards a method for the collection of statistical data on bio-based industries and bio-based products	RIA	6 (<6 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> Stage)
BB-03	Adaptive tree breeding strategies and tools for forest production systems resilient to climate change and natural disturbances	RIA	6 (<6 per project)	14-02-2017 (1 <sup>st</sup> stage) 13-09-2017 (2 <sup>nd</sup> Stage)
BB-07	Plant Molecular Factory	IA	9,07 (9 per project)	14-02-2017
<b>Building the “bio-based markets of the future”- mobilising stakeholders engagement</b>				
BB-05	Bio-based products: Mobilisation and mutual learning action plan	CSA	3 (<3 per project)	14-02-2017
BB-08	Strategies for improving the bioeconomy knowledge of the general public	RIA	2,4 (2 per project)	14-02-2017

## Societal Challenge 3

# Secure, Clean and Efficient Energy

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Het call-budget bedraagt 526,89 miljoen euro voor 2017.

Topic	Omschrijving	Type project	Budget (miljoen euro)	Sluiting
<b>Energy Efficiency</b>			<b>104</b>	
<b>Heating and cooling</b>				
EE-01	Waste heat recovery from urban facilities and re-use to increase energy efficiency of district or individual heating and cooling systems	IA	3-4 per project	19-01-2017
EE-02	Improving the performance of inefficient district heating networks	CSA	4 (1-2 per project)	07-06-2017
EE-04	New heating and cooling solutions using low grade sources of thermal energy	RIA	3-4 per project	19-01-2017
<b>Engaging consumers towards sustainable energy</b>				
EE-06	Engaging private consumers towards sustainable energy	CSA	5 (1-2 per project)	07-06-2017
EE-07	Behavioural change toward energy efficiency through ICT	IA	8 (1-2 per project)	19-01-2017
EE-09	Engaging and activating public authorities	CSA	7 (1-2 per project)	07-06-2017
<b>Buildings</b>				
EE-11	Overcoming market barriers and promoting deep renovation of buildings	CSA	1-2 per project	07-06-2017
EE-12	Integration of demand response in energy management systems while ensuring interoperability through Public Private Partnership (EeB PPP)	IA	8 (3-4 per project)	19-01-2017
EE-14	Construction skills	CSA	0,5-1 per project	07-06-2017
<b>Industry, services and products</b>				
EE-15	Increasing capacities for actual implementation of energy efficiency measures in industry and services	CSA	1-2 per project	07-06-2017
EE-16	Effective implementation of EU product efficiency legislation	CSA	1-2 per project	07-06-2017
EE-17	Valorisation of waste heat in industrial systems (SPIRE PPP)	IA	11	19-01-2017
	- Innovative technologies for waste heat recovery in large industrial systems		4-5 per project	
	- Actions proposing innovative solutions for energy symbiosis between industries or plants inside large industrial parks for the valorisation of waste heat		5-6 per project	
EE-18	Energy efficiency of industrial parks through energy cooperation and mutualised energy services	CSA	1-2 per project	07-06-2017
EE-19	Public procurement of innovative solutions for energy efficiency	PPI	4 (1-2 per project)	07-06-2017
EE-20	Bringing to market more energy efficient and integrated data centres	IA	6 (2-3 per project)	19-01-2017
<b>Innovative financing for energy efficiency investments</b>				
EE-22	Project development assistance	CSA	8 (0,5-1,5 per project)	07-06-2017
EE-23	Innovative financing schemes	CSA	1-2 per project	07-06-2017
EE-24	Making the energy efficiency market investible	CSA	1-1,5 per project	07-06-2017

Competitive low-carbon energy			422,89 (2017)	
Towards an integrated EU energy system				
LCE-01	Next generation innovative technologies enabling smart grids, storage and energy system integration with increasing share of renewables: distribution network	RIA	19 (2-4 per project)	14-02-2017
LCE-04	Demonstration of system integration with smart transmission grid and storage technologies with increasing share of renewables	IA	65,29 (15-20 per project)	14-02-2017
LCE-05	Tools and technologies for coordination and integration of the European energy system	RIA	30	14-02-2017
	- Novel European Grid and end-to-end energy system planning tools,		2-4 per project	
	- Enhanced TSO/DSO collaboration and coordination tools,		2-4 per project	
	- Solutions for the deployment of neutral data access points ensuring a fair and transparent data access to all energy actors,		2-4 per project	
	- Synergies between electricity, gas and heat networks, associated business and market mechanisms and analysis of existing regulatory aspects,		2-4 per project	
	- Socio-economic aspects and environmental aspects related to large scale infrastructures relevant to renewable generation and changes to transmission infrastructure need for their integration.		0,5-1 per project	
LCE-37	ERA-NET Co-Fund enhanced cooperation in smart local and regional energy networks of the European Energy System	ERA-NET-Cofund	7,5 (7,5 per project)	16-02-2017 (1st phase) 07-09-2017 (2nd phase)
Renewable energy technologies				
LCE-06	New knowledge and technologies	RIA	20 (2-4 per project)	29-11-2016 (1st stage)
	- New renewable energy technologies			
	- Wind energy			22-08-2017 (2nd stage)
	- Sustainable fuels			
LCE-07	Developing the next generation technologies of renewable electricity and heating/cooling	RIA	64,5 (2-5 per project)	29-11-2016 (1st stage) 22-08-2017 (2nd stage)
	a) Photovoltaics			
	b) Concentrated solar power (CSP)			
	c) Solar heating and cooling (SHC)			
	d) Wind energy			
	e) Ocean energy			
	f) Hydropower			
	g) Geothermal energy			
	h) Combined heat and power			
	i) RES integration in the energy system			
	a) Photovoltaics			
	b) Concentrated solar power (CSP)			
	c) Solar heating and cooling (SHC)			
	d) Wind energy			
	e) Ocean Energy			
	f) Hydropower			
	g) Geothermal energy			
	h) Combined heat and power			
	i) RES integration in the energy system			
LCE-08	Development of next generation biofuel technologies	RIA	10 (3-6 per project)	05-01-2017
LCE-10	Reducing the cost of PV electricity	IA	10 (7-10 per project)	07-09-2017
LCE-11	Near-to-market solutions for reducing the water consumption of CSP plants	IA	12 (10-12 per project)	07-09-2017
LCE-12	Near-to-market solutions for the use of solar heat in industrial processes	IA	8 (5-8 per project)	07-09-2017
LCE-14	Demonstration of large >10MW wind turbine	IA	25 (20-25 per project)	07-09-2017
LCE-16	2nd Generation of design tools for ocean energy devices and arrays development and deployment	IA	7 (5-7 per project)	07-09-2017
LCE-17	Easier to install and more efficient geothermal systems for retrofitting buildings	IA	8 (5-8 per project)	07-09-2017
LCE-18	EGS in different geological conditions	IA	10 (6-10 per project)	07-09-2017

LCE-19	Demonstration of the most promising advanced biofuel pathways	IA	project) 15 (10-15 per project)	07-09-2017
LCE-20	Enabling pre-commercial production of advanced aviation biofuel	IA	10 (5-10 per project)	07-09-2017
LCE-21	Market uptake of renewable energy technologies 1) Photovoltaics 2) Heat pumps 3) CSP 4) Wind energy 5) Geothermal energy 6) Sustainable fuels	CSA	15 (1-3 per project)	05-01-2017
<b>Enabling the decarbonisation of the use of fossil fuels during the transition to a low-carbon economy</b>				
LCE-27	Measuring, monitoring and controlling the potential risks of subsurface operations related to CCS and unconventional hydrocarbons	RIA	15 (5-10 per project)	05-01-2017
LCE-28	Highly flexible and efficient fossil fuel power plants	RIA	15 (3-6 per project)	05-01-2017
LCE-29	CCS in industry, including Bio-CCS	RIA	4-9 per project	05-01-2017
LCE-30	Geological storage pilots	RIA	9-16 per project	05-01-2017
<b>Social, economic and human aspects of the energy system</b>				
LCE-31	Social sciences and humanities support for the energy union	RIA	10 (2-4 per project)	29-11-2016 (1st stage) 22-08-2017 (2nd stage)
<b>Supporting the development of a European research area in the field of energy</b>				
LCE-35	Joint actions to foster innovative energy solutions in renewable energy technologies	FPA	26	16-02-2017 (1 <sup>st</sup> phase) 07-09-2017 (2 <sup>nd</sup> phase)
<b>Cross-cutting issues</b>				
LCE-36	Support to the energy stakeholders to contribute to the SET-Plan; - Geothermal energy	CSA	0,6 0,6 per project	16-02-2017

## Societal Challenge 4

# Smart, Green and Integrated Transport

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Het call-budget bedraagt 409,7 miljoen euro voor 2017.

Topic	Omschrijving	Type project	Budget (miljoen euro)	Sluiting
<b>Mobility for growth</b>			<b>226,7</b>	
<b>1</b>	<b>Aviation</b>			
MG-1.2	Reducing aviation noise	RIA	20 (5-9 per project)	01-02-2017
MG-1.3	Maintaining industrial leadership in aeronautics	RIA	45 (5-9 per project)	26-01-2017 (1 <sup>st</sup> stage) 19-10-2017 (2 <sup>nd</sup> stage)
MG-1.4	Breakthrough innovation	RIA	15 (2-4 per project)	26-01-2017 (1 <sup>st</sup> stage) 19-10-2017 (2 <sup>nd</sup> stage)
MG-1.5	Identification of gaps, barriers and needs in the aviation research	CSA	7 (1-2 per project)	01-02-2017
<b>2</b>	<b>Waterborne</b>		<b>40</b>	
MG-2.1	Innovations for energy efficiency and emission control in waterborne transport	IA	5-9 per project	26-01-2017 (1 <sup>st</sup> stage) 19-10-2017 (2 <sup>nd</sup> stage)
MG-2.4	Complex and value-added specialised vessels	IA	(8-12 per project)	26-01-2017 (1 <sup>st</sup> stage) 19-10-2017 (2 <sup>nd</sup> stage)
<b>3</b>	<b>Safety</b>			
MG-3.2	Protection of all road users in crashes	RIA	14 (4-9 per project)	26-01-2017 (1 <sup>st</sup> stage) 19-10-2017 (2 <sup>nd</sup> stage)
<b>4</b>	<b>Urban mobility</b>		<b>24</b>	
MG-4.1	Increasing the take up and scale-up of innovative solutions to achieve sustainable mobility in urban areas	IA	2-5 per project	26-01-2017 (1 <sup>st</sup> stage) 19-10-2017 (2 <sup>nd</sup> stage)
MG-4.2	Supporting 'smart electric mobility' in cities	IA	4-5 per project	26-01-2017 (1 <sup>st</sup> stage) 19-10-2017 (2 <sup>nd</sup> stage)
MG-4.3	Innovative approaches for integrating urban nodes in the TEN-T core network corridors	CSA	2 (1-2 per project)	01-02-2017
<b>5</b>	<b>Logistics</b>		<b>13</b>	
MG-5.2	Innovative ICT solutions for future logistics operations	RIA	3-5 per project	26-01-2017 (1 <sup>st</sup> stage) 19-10-2017 (2 <sup>nd</sup> stage)
MG-5.4	Potential of the Physical Internet	RIA	2-3 per project	26-01-2017 (1 <sup>st</sup> stage) 19-10-2017 (2 <sup>nd</sup> stage)
		CSA	1 (0,5-1 per project)	01-02-2017



<b>7</b>	<b>Infrastructure</b>			<b>38,7</b>
MG-7.1	Resilience to extreme (natural and man-made) events	RIA	3-5 per project	26-01-2017 (1 <sup>st</sup> stage) 19-10-2017 (2 <sup>nd</sup> stage)
MG-7.2	Optimisation of transport infrastructure including terminals	RIA	2-6 per project	26-01-2017 (1 <sup>st</sup> stage) 19-10-2017 (2 <sup>nd</sup> stage)
MG-7.3	The Port of the future	RIA	3-5 per project	26-01-2017 (1 <sup>st</sup> stage) 19-10-2017 (2 <sup>nd</sup> stage)
		CSA	1,2 (<1,2 per project)	01-02-2017
<b>8</b>	<b>Socio-economic and behavioural research and forward looking activities for policy making</b>			<b>10</b>
MG-8.2	Big data in transport: Research opportunities, challenges and limitations	CSA	2 (0,5-1,5 per project)	01-02-2017
MG-8.4	Improving accessibility, inclusive mobility and equity: new tools and business models for public transport in prioritised areas	RIA	1-3 per project	01-02-2017
MG-8.5	Shifting paradigms: Exploring the dynamics of individual preferences, behaviours and lifestyles influencing travel and mobility choices	RIA	1-2 per project	01-02-2017
MG-8.7	Future research needs and priorities in the area of transport	CSA	0,5 (0,3-0,5 per project)	01-02-2017
<b>Automated road transport</b>				<b>50</b>
ART-01	ICT infrastructure to enable the transition towards road transport automation	IA	5-15 per project	26-01-2017 (1 <sup>st</sup> stage) 27-09-2017 (2 <sup>nd</sup> stage)
ART-03	Multi-Brand platooning in real traffic conditions	IA	15-20 per project	26-01-2017 (1 <sup>st</sup> stage) 27-09-2017 (2 <sup>nd</sup> stage)
ART-07	Full-scale demonstration of urban road transport automation	IA	10-15 per project	26-01-2017 (1 <sup>st</sup> stage) 27-09-2017 (2 <sup>nd</sup> stage)
<b>Green vehicles</b>				<b>133,0</b>
GV-01	Optimisation of heavy duty vehicles for alternative fuels use	IA	5-10 per project	01-02-2017
GV-04	Next generation electric drivetrains for fully electric vehicles, focusing on high efficiency and low cost	RIA	5-10 per project	01-02-2017
GV-05	Electric vehicle user-centric design for optimised energy efficiency	RIA	7-10 per project	01-02-2017
GV-06	Physical integration of hybrid and electric vehicle batteries at pack level aiming at increased energy density and efficiency	IA	5-7 per project	01-02-2017
GV-07	Multi-level modelling and testing of electric vehicles and their components	RIA	4-10 per project	01-02-2017
GV-08	Electrified urban commercial vehicles integration with fast charging infrastructure	IA	5-15 per project	01-02-2017
GV-09	Aerodynamic and flexible trucks	IA	7-10 per project	01-02-2017
GV-10	Demonstration (pilots) for integration of electrified L-category vehicles in the urban transport system	IA	7-10 per project	01-02-2017
GV-13	Production of next generation battery cells in Europe for transport applications	RIA	3-5 per project	01-02-2017

## Societal Challenge 5

# Climate Action, Environment, Resource Efficiency and Raw materials

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Het totaalbudget bedraagt circa 223,6 miljoen euro voor 2017.

Topic	Omschrijving	Type project	Budget (miljoen euro)	Sluiting
<b>Greening the Economy</b>			<b>223,60</b>	
Climate services				
SC5-01	Exploiting the added value of climate services b) From climate service concepts to piloting and proof-of-concept	RIA	5 per project	07-03-2017
SC5-02	Integrated European regional modelling and climate prediction system	RIA	13 (13 per project)	07-03-2017
SC5-04	Towards a robust and comprehensive greenhouse gas verification system	RIA	10 per project	07-03-2017
SC5-30	ERA-NET on Climate Services Roadmap: Cross-sector impact assessments (evaluation, comparison and integration)	ERA-NET-COFUND	13 (13 per project)	07-03-2017
SC5-31	Widening international cooperation activities on climate adaptation and mitigation Towards a low-carbon Europe	CSA	2 per project	07-03-2017
SC5-06	Pathways towards the decarbonisation and resilience of the European economy in the timeframe 2030-2050 and beyond c) The risks and costs of climate change for Europe	RIA	4-5 per project	07-03-2017
SC5-07	Coordinating and supporting research and innovation actions on the decarbonisation of the EU economy	CSA	3 (2,5-3 per project)	07-03-2017
Nature-based solutions for territorial resilience				
SC5-08	Large-scale demonstrators on nature-based solutions for hydro-meteorological risk reduction	IA	29 (>12 per project)	07-03-2017 (1 <sup>st</sup> stage) 05-09-2017 (2 <sup>nd</sup> stage)
SC5-32	Biodiversity scenarios	ERA-NET-COFUND	7 (7 per project)	07-03-2017
Water				
SC5-33	Closing the water gap	ERA-NET-COFUND	10 (10 per project)	07-03-2017
Raw materials				
SC5-13	New solutions for sustainable production of raw materials c) New sensitive exploration technologies	RIA	10 (3-7 per project)	07-03-2017
SC5-14	Raw materials Innovation actions b) Processing of lower grade and/or complex primary and/or secondary raw materials in the most sustainable ways	IA	56 8-13 per project	07-03-2017 (1 <sup>st</sup> stage) 05-09-2017 (2 <sup>nd</sup> stage)
	c) Sustainable metallurgical processes	IA	8-13 per project	07-03-2017 (1 <sup>st</sup> stage) 05-09-2017 (2 <sup>nd</sup> stage)
SC5-15	Raw materials policy support actions b) Good practice in waste collection systems	CSA	1.5 (<1,5 per project)	07-03-2017

	c) Optimising collection of raw materials data in Member States	CSA	1.5 (<1,5 per project)	07-03-2017
	d) Linking land use planning policies to national mineral policies	CSA	1.5 (<1,5 per project)	07-03-2017
	e) EU network of mining and metallurgy regions	CSA	3 (<3 per project)	07-03-2017
	f) EU network of regions on sustainable wood mobilisation (wood supply)	CSA	1,5 (<1,5 per project)	07-03-2017
SC5-16	Raw materials international co-operation c) International network of raw materials training centres	CSA	<1 per project	07-03-2017
<b>Earth Observation</b>				
SC5-18	Novel in-situ observation systems	RIA	15 (4-5 per project)	07-03-2017
SC5-19	Coordination of citizens' observatories initiatives	CSA	1 (1 per project)	07-03-2017
<b>Cultural heritage for sustainable growth</b>				
SC5-21	Cultural heritage as a driver for sustainable growth b) Heritage-led rural regeneration	IA	14 (<10 per project)	07-03-2017 (1 <sup>st</sup> stage) 05-09-2017 (2 <sup>nd</sup> stage)
SC5-22	Innovative financing, business and governance models for adaptive re-use of cultural heritage Support to policy and preparing for innovation procurement	RIA	5 (<5 per project)	07-03-2017
SC5-23	Support to confirmed Presidency events (conferences) – Malta, United Kingdom, Estonia	CSA	0,6 (0,1-0,3 per project)	24-01-2017
SC5-26	Pre-commercial procurement on soil decontamination	PCP	5 (5 per project)	07-03-2017

## Societal Challenge 6

# Europe in a changing world – Inclusive, Innovative and Reflective societies

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Het call-budget bedraagt circa 126,05 miljoen euro voor 2017.

Topic	Omschrijving	Type project	Budget (miljoen euro)	Sluiting
<b>Co-creation for growth and inclusion</b>			<b>34,05</b>	
CO-CREATION-1	Education and skills: empowering Europe's young innovators	IA	5 (2,5 per project)	02-02-2017
CO-CREATION-4	Applied co-creation to deliver public services	IA	10 (4-5 per project)	02-02-2017
CO-CREATION-6	Policy-development in the age of big data: data-driven policy-making, policy-modelling and policy-implementation			
	a) Research and Innovation Actions	RIA	11,5 (4-5 per project)	02-02-2017
	b) Coordination and Support Action	CSA	0,5 (0,5 per project)	02-02-2017
CO-CREATION-7	Towards a new growth strategy in Europe - Improved economic and social measurement, data and official statistics			
	a) Research and Innovation Actions	RIA	2 (2 per project)	02-02-2017
	b) Coordination and Support Action	CSA	1 (1 per project)	02-02-2017
CO-CREATION-8	Better integration of evidence on the impact of research and innovation in policy making	RIA	4,05 (1-1,5 per project)	02-02-2017
<b>Reversing inequalities and promoting fairness</b>			<b>9,5</b>	
REV-INEQUAL-9	Boosting inclusiveness of ICT-enabled research and innovation	CSA	3 (3 per project)	02-02-2017
REV-INEQUAL-11	Current European and cross-national comparative research and research actions on Migration	CSA	2 (2 per project)	02-02-2017
REV-INEQUAL-12	Research social platform on migration and asylum	CSA	2 (2 per project)	02-02-2017
REV-INEQUAL-13	Research on employability, skills and labour market integration of migrants	RIA	2,5 (2,5 per project)	02-02-2017
<b>Engaging together globally</b>			<b>32,5</b>	
ENG-GLOBALLY1	Strengthening Europe's position in the global context: science diplomacy and intercultural relations	RIA	2,5 per project	02-02-2017
ENG-GLOBALLY2	Shifting global geopolitics and Europe's preparedness for managing risks, mitigation actions and fostering peace	RIA	5 per project	02-02-2017
ENG-GLOBALLY3	The European Union and the global challenge of migration	RIA	5 per project	02-02-2017
ENG-GLOBALLY4	Science diplomacy for EU neighbourhood policies	CSA	1,5 (1,5 per project)	02-02-2017
ENG-GLOBALLY5	The strategic potential of EU external trade policy	RIA	2,5 per project	02-02-2017
ENG-GLOBALLY6	The Asia-Pacific as a strategic region for Europe	RIA	2,5 per project	02-02-2017
ENG-GLOBALLY7	The European Union and Central Asia	CSA	1,5 (1,5 per project)	02-02-2017

ENG-GLOBALLY8	EU-China cooperation on sustainable urbanisation a) Cultural and socio-economic aspects of urban issues in China	RIA	2,5 (2,5 per project)	02-02-2017
ENG-GLOBALLY10	Migration and asylum systems	RIA	2 per project	02-02-2017
<b>Understanding Europe- promoting the European public and cultural space</b>			<b>50</b>	
CULT-COOP-1	Democratic discourses and the rule of law	RIA	5 per project	02-02-2017 (1 <sup>st</sup> Stage) 13-09-2017 (2 <sup>nd</sup> Stage)
CULT-COOP-2	Improving mutual understanding among Europeans by working through troubled pasts	RIA	2,5- 5 per project	02-02-2017 (1 <sup>st</sup> Stage) 13-09-2017 (2 <sup>nd</sup> Stage)
CULT-COOP-3	Cultural literacy of young generations in Europe	RIA	5 per project	02-02-2017 (1 <sup>st</sup> Stage) 13-09-2017 (2 <sup>nd</sup> Stage)
CULT-COOP-4	Contemporary histories of Europe in artistic and creative practices	RIA	2,5 per project	02-02-2017 (1 <sup>st</sup> Stage) 13-09-2017 (2 <sup>nd</sup> Stage)
CULT-COOP-5	Religious diversity in Europe - past, present and future	RIA	2,5 per project	02-02-2017 (1 <sup>st</sup> Stage) 13-09-2017 (2 <sup>nd</sup> Stage)
CULT-COOP-6	Participatory approaches and social innovation in culture a) Research and Innovation Actions	RIA	2,5 per project	02-02-2017 (1 <sup>st</sup> Stage) 13-09-2017 (2 <sup>nd</sup> Stage)
	b) Coordination and Support Action	CSA	1,5 (1,5 per project)	02-02-2017
CULT-COOP-7	Cultural heritage of European coastal and maritime regions	RIA	2,5 per project	02-02-2017 (1 <sup>st</sup> Stage) 13-09-2017 (2 <sup>nd</sup> Stage)
CULT-COOP-9	European cultural heritage, access and analysis for a richer interpretation of the past	RIA	9 (2-3 per project)	02-02-2017 (1 <sup>st</sup> Stage) 13-09-2017 (2 <sup>nd</sup> Stage)
CULT-COOP-10	Culture, integration and European public space	ERA-NET	5 (<5 per project)	02-02-2017
CULT-COOP-11	Understanding the transformation of European public administrations a) Research and Innovation Actions	RIA	7 (4-5 per project)	02-02-2017
CULT-COOP-12	The significance of cultural and core values for the migration challenge	RIA	2,5 per project	(1 <sup>st</sup> Stage) 13-09-2017

## Societal Challenge 7

# Secure Societies - Protecting freedom and security of Europe and its citizens

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Het call-budget bedraagt circa 206,15 miljoen euro voor 2017.

Topic	Omschrijving	Type project	Budget (miljoen euro)	Sluiting
<b>Critical infrastructure protection</b>			<b>20</b>	
CIP-01	Prevention, detection, response and mitigation of the combination of physical and cyber threats to the critical infrastructure of Europe	IA	20 (8 per project)	24-08-2017
<b>Security</b>			<b>130,05</b>	
<b>Disaster-resilience: safeguarding and securing society</b>				
SEC-04-DRS	Broadband communication systems	PCP	10 (10 per project)	24-08-2017
SEC-05-DRS	Chemical, biological, radiological and nuclear (CBRN) cluster	RIA	13,75 (3,5 per project)	24-08-2017
<b>Fight against crime and terrorism</b>				
SEC-07-FCT	Human Factor for the Prevention, Investigation, and Mitigation of criminal and terrorist acts	RIA	3 per project	24-08-2017
SEC-09-FCT	Toolkits integrating tools and techniques for forensic laboratories	PCP	10 (10 per project)	24-08-2017
SEC-10-FCT	Integration of detection capabilities and data fusion with utility providers' networks	IA	16 (8 per project)	24-08-2017
SEC-12-FCT	Technologies for prevention, investigation, and mitigation in the context of fight against crime and terrorism	RIA	14 (5 per project)	24-08-2017
<b>Border security and external security</b>				
SEC-13-BES	Next generation of information systems to support EU external policies	PCP	10 (10 per project)	24-08-2017
SEC-15-BES	Risk-based screening at border crossing	IA	8 (8 per project)	24-08-2017
SEC-16-BES	Through-foilage detection, including in the outermost regions of the EU	RIA	8 (8 per project)	24-08-2017
SEC-17-BES	Architectures and organizations, big data and data analytics for customs risk management of the international goods supply chain trade movements	RIA	10 (5 per project)	24-08-2017
SEC-18-BES	Acceptance of "no gate crossing point solutions"	RIA	3 per project	24-08-2017
<b>General matters</b>				
SEC-21-GM	Pan European Networks of practitioners and other actors in the field of security	CSA	16,3 (2-3,5 per project)	24-08-2017
<b>Digital Security Focus Area</b>			<b>56,1 (2017)</b>	
DS-06	Cryptography	RIA	20,5 (3-5 per project)	25-04-2017
DS-07	Addressing Advanced Cyber Security Threats and Threat Actors a) Research and Innovation Actions- Situational awareness	RIA	10 (2-3 per project)	24-08-2017

	b) Innovation Actions- Simulation environments, Training	IA	project 8 (4-5 per project)	24-08-2017
DS-o8	Privacy, Data Protection, Digital Identities	IA	17,6 (2-3 per project)	24-08-2017

# Cross-cutting activities (Focus Areas)

Het call-budget bedraagt circa 462,79 miljoen euro voor 2017.

Topic	Omschrijving	Type project	Budget (miljoen euro)	Sluiting
<b>Pilots</b>			<b>48,66</b>	
Pilots-03	Pilot lines for manufacturing of nanotextured surfaces with mechanically enhanced properties	IA	5-8 per project	27-10-2016 (1 <sup>st</sup> stage) 04-05-2017 (2 <sup>nd</sup> stage)
Pilots-04	Pilot lines for 3D printed and/or injection moulded polymeric or ceramic microfluidic MEMS	IA	5-8 per project	27-10-2016 (1 <sup>st</sup> stage) 04-05-2017 (2 <sup>nd</sup> stage)
Pilots-05	Paper-based electronics	RIA	5-8 per project	27-10-2016 (1 <sup>st</sup> stage) 04-05-2017 (2 <sup>nd</sup> stage)
<b>Factories of the Future</b>			<b>86,18</b>	
FoF-06	New product functionalities through advanced surface manufacturing processes for mass production	RIA	3-5 per project	19-01-2017
FoF-07	Integration of unconventional technologies for multi-material processing into manufacturing systems	RIA	3-5 per project	19-01-2017
FoF-08	In-line measurement and control for micro-/nano-enabled high-volume manufacturing for enhanced reliability	IA	4-6 per project	19-01-2017
FoF-09	Novel design and predictive maintenance technologies for increased operating life of production systems	IA	4-6 per project	19-01-2017
FoF-10	New technologies and life cycle management for reconfigurable and reusable customised products	IA	4-6 per project	19-01-2017
<b>ICT for the Factories of the Future</b>			<b>34</b>	
FoF-12	ICT Innovation for Manufacturing SMEs (I4MS): a) Innovation actions (CPS and IoT; Robotics; Modelling, simulation and analytics; Digital design for additive Manufacturing) b) Coordination and Support Actions	IA	33 (< 8 per project)	19-01-2017
		CSA	1	19-01-2017
<b>Sustainable Process Industries - SPIRE</b>			<b>82,11</b>	
SPIRE-07	Integrated approach to process optimisation for raw material resources efficiency, excluding recovery technologies of waste streams	IA	6-8 per project	19-01-2017
SPIRE-08	Carbon dioxide utilisation to produce added value chemicals	RIA	6-8 per project	19-01-2017
SPIRE-09	Pilot lines based on more flexible and down-scaled high performance processing	IA	6-8 per project	19-01-2017
SPIRE-10	New electrochemical solutions for industrial processing, which contribute to a reduction of carbon dioxide emissions	RIA	4-6 per project	19-01-2017
SPIRE-11	Support for the enhancement of the impact of SPIRE PPP projects	CSA	0,25-0,5 per project	19-01-2017
SPIRE-12	Assessment of standardisation needs and ways to overcome regulatory bottlenecks in the process industry	CSA	0,5-1 per project	19-01-2017
SPIRE-13	Potential of Industrial Symbiosis in Europe	CSA	0,5-1 per project	19-01-2017
<b>Circular Economy</b>			<b>74</b>	
CIRC-01	Systemic, eco-innovative approaches for the circular economy: large-scale demonstration projects b) Systemic services for the circular economy	IA	44(4-7 per project))	07-03-2017 (1 <sup>st</sup> stage) 05-09-2017 (2 <sup>nd</sup> stage)
CIRC-02	Water in the context of the circular economy b) Towards the next generation of water systems and services– large scale demonstration projects	IA	30 (10 per project)	07-03-2017 (1 <sup>st</sup> stage)



				05-09-2017 (2 <sup>nd</sup> stage)
<b>Internet of Things</b>			<b>37</b>	
IoT-03	R&I on IoT integration and platforms	RIA	37 (3-5 per project)	25-04-2017
<b>Smart and Sustainable Cities</b>			<b>113,5</b>	
<b>Smart Cities and Communities</b>				
SCC-01	Smart Cities and Communities lighthouse projects	IA	69,5 (12-18 per project)	14-02-2017
<b>Sustainable Cities Through Nature Based Solutions</b>				
SCC-02	Demonstrating innovative nature-based solutions in cities b) Nature-based solutions for inclusive urban regeneration	IA	44 (>10 per project)	07-03-2017 (1 <sup>st</sup> stage) 05-09-2017 (2 <sup>nd</sup> stage)

## Horizontal actions

# Spreading excellence and widening participation

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Het call-budget bedraagt circa 53,91 miljoen euro voor 2017.

Topic	Omschrijving	Type project	Budget (miljoen euro)	Sluiting
<b>Widespread</b>			<b>53,91</b>	
WIDESPREAD <sub>3</sub>	ERA Chairs	CSA	33,91 (2,5 per project)	05-10-2017
WIDESPREAD <sub>5</sub>	Twinning	CSA	20 (1 per project)	15-11-2017

## Horizontal actions

# Science with and for Society

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Het call-budget bedraagt circa 55,05 miljoen euro voor 2017.

Topic	Omschrijving	Type project	Budget (miljoen euro)	Sluiting
<b>Science with and for Society</b>			<b>55,05</b>	
<b>Institutional Change to Support Responsible Research and Innovation in Research Performing and Funding Organisations</b>				
SwafS-03	Support to research organisations to implement gender equality plans	CSA	6,1 (1,5-2,03 per project)	30-08-2017
SwafS-05	New constellations of Changing Institutions and Actors	CSA	7,1 (3-3,55 per project)	30-08-2017
SwafS-06	Engaging industry – Champions for RRI in Industrial Sectors	CSA	7,1 (3-3,55 per project)	30-08-2017
SwafS-08	European Community of Practice to support institutional change	RIA	3 (3 per project)	30-08-2017
<b>Embedding responsible research and innovation in Horizon 2020 Research &amp; Innovation</b>				
SwafS-10	Putting Open Science into action	RIA	3 (3 per project)	30-08-2017
<b>Strengthening the Science and for Society knowledge-base</b>				
SwafS-11	Science education outside the classroom	RIA	3 (3 per project)	30-08-2017
SwafS-12	Webs of Innovation Value Chains and Openings for RRI	RIA	3 (3 per project)	30-08-2017
SwafS-13	Integrating Society in Science and Innovation – An approach to co-creation	RIA	4 (4 per project)	30-08-2017
SwafS-14	A Linked-up Global World of RRI	RIA	3 (3 per project)	30-08-2017
<b>Developing inclusive, anticipatory governance for research &amp; innovation</b>				
SwafS-21	Promoting integrity in the use of research results in evidence based policy: a focus on non-medical research	CSA	2,8 (2,8 per project)	30-08-2017
SwafS-22	The ethical dimensions of IT technologies: a European perspective focusing on security and human rights aspects	CSA	2,8 (2,8 per project)	30-08-2017
SwafS-23	Responsible Research and Innovation (RRI) in support of sustainability and governance, taking account of the international context	CSA	3 (3 per project)	30-08-2017
SwafS-24	Trans-national operation of the EURAXESS Service network	CSA	3,35 (3,35 per project)	30-08-2017
SwafS-26	Science4Refugees – Support to highly skilled refugee scientists	CSA	1 (0,1 per project)	30-08-2017
SwafS-27	Implementing a European train-the-trainers initiative with regard to ethics and research integrity	CSA	2,8 (2,8 per project)	30-08-2017

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