Overview of Calls in the H2020 Work Program ICT 2018 – 2020

Selected topics for discussion in Hermes Partnership

The Work program is still tentative and not for publication

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Call	Call identifier	Call type	Budget 2018	Budget 2019	closure
			M€	M€	
Call - Information and Communication Technologies					
Technologies for Digitizing European Industry					
ICT-01-2019	Computing technologies and engineering methods for cyber-physical systems of systems	RIA		38	28 Mar 2019
	as above	CSA		2	28 Mar 2019
ICT-02-2018	Flexible and Wearable Electronics	RIA	30		17 Apr 2018
ICT-03-2018-2019	Photonics Manufacturing Pilot Lines for Photonic Components and Devices	IA	30		17 Apr 2018
	as above	IA		30	28 Mar 2019
ICT-04-2018	Photonics based manufacturing, access to photonics, datacom photonics and connected lighting	RIA	30		17 Apr 2018
	as above	IA	25		17 Apr 2018
ICT-05-2019	Application driven Photonics components	RIA		45	28 Mar 2019
	as above	IA		30	28 Mar 2019
	as above	CSA		1.5	28 Mar 2019
ICT-08-2019	Unconventional Nanoelectronics	RIA		30	28 Mar 2019
ICT-09-2018	Electronic Smart Systems (ESS)	IA	8		17 Apr 2018
	as above	CSA	1		17 Apr 2018
	as above	RIA	39		17 Apr 2018

ICT-10-2019	Security and resilience for collaborative manufacturing environments	RIA		11	28 Mar 2019
ICT-13-2019-2020	Robotics in Application Areas	CSA		2	28 Mar 2019
	as above	RIA		20	28 Mar 2019
	as above	IA		28	28 Mar 2019
ICT-16-2019-2020	Robotics Core Technology	RIA		42	28 Mar 2019
European Data Infrastructure: HPC, Big Data and Cloud technologies					
ICT-17-2018-19	HPC and Big Data enabled Large-scale Test-beds and Applications	IA	50		17 Apr 2018
	as above	IA		40	14 Nov 2017
ICT-18-2018-2020	Big Data technologies and extreme-scale analytics	RIA	30		17 Apr 2018
	as above	CSA	1		17 Apr 2018
ICT-19-2018-19	Supporting the emergence of data markets and the data economy	RIA	10		17 Apr 2018
	as above	CSA	3		17 Apr 2018
	as above	IA		48	28 Mar 209
ICT-20-2019	Co-designing Extreme Scale Demonstrators (EsD)	RIA		80	14 Nov 2018
ICT-21-2019-2020	Cloud Computing	CSA		1.5	28 Mar 2019
		RIA		28.5	28 Mar 2019
ICT-42-2018	Software Technologies	CSA	1		17 Apr 2018
	as above	IA	9		17 Apr 2018
	as above	RIA	10		17 Apr 2018
5G					
ICT-23-2018	5G End to End Facility	RIA		60	31 Jan 2018
ICT-24-2018	5G for cooperative, connected and automated driving	IA	50		17 Apr 2018
ICT-25-2019	Advanced 5G validation trials across multiple vertical industries	CSA		2	14 Nov 2018
	as above	RIA		90	14 Nov 2018
ICT-26-2019-2020	5G Long Term Evolution	RIA		44	28 Mar 2019

ICT-44-2018	EU-US Collaboration for advanced wireless platforms	CSA	2		17 Apr 2018
ICT-45-2018	EU-China 5G Collaboration	RIA	`6		31 Jan 2018
ICT-46-2019	EU-Taiwan 5G collaboration	RIA		4	15 Jan 2019
Next Generation Internet (NGI)					
ICT-29-2018-2019	Next Generation Internet - An Open Internet Initiative	RIA	21.5		17 Apr 2018
	as above	CSA	7		17 Apr 2018
	as above	RIA		21.5	28 Mar 2019
ICT-30-2018-2020	Interactive Technologies	CSA	3		17 Apr 2018
	as above	RIA		20	14 Nov 2018
ICT-31-2018-2020	Artificial Intelligence	RIA	20		17 Apr 2018
ICT-32-2018-2020	Internet of Things	CSA	1.5		17 Apr 2018
ICT-33-2018	Future Hyper-connected Sociality	IA	10		17 Apr 2018
	as above	RIA	10		
	as above	CSA	1		
ICT-35-2018	A multilingual Next Generation Internet	RIA	18		17 Apr 2018
	as above	IA	7		17 Apr 2018
ICT-36-2019-2020	An empowering, inclusive Next Generation Internet	IA		7	28 Mar 2019
	as above	CSA		1	28 Mar 2019
ICT-43-2018-2019	EU-US collaboration on NGI	CSA	2.5		17 Apr 2018
	as above	RIA		3.5	28 Mar 2018
Cross-cutting activities					
ICT-37-2018	The Arts stimulating innovation	CSA	1		17 Apr 2018
	as above	RIA	8		17 Apr 2018
ICT-38-2019	Startup Europe for Growth and Innovation Radar	IA		10	28 Mar 2017
	as above	CSA		1.5	28 Mar 2017
ICT-39-2018-2019	Pre-Commercial Procurement open	PCP	6		17 Apr 2018
	as above	PCP		6	28 Mar 2019

ICT-40-2018	Fintech: Support to experimentation frameworks and regulatory compliance	CSA	2.5		17 Apr 2018
Call - Digitising and transforming European industry and services					
Support to Hubs					
DT-ICT-01-2020: I4MS	(phase 4) - uptake of digital game changers and digital manufacturing platforms	?????			
DT-ICT-02-2019	Smart Anything Everywhere	CSA		1	2 Apr 2019
	as above	IA		48	2 Apr 2019
DT-ICT-03-2020	Photonics Innovation Hubs	?????			
	as above	?????			
DT-ICT-04-2018	Robotics - Digital Innovation Hubs (DIH)	IA	66		17 Apr 2018
DT-ICT-05-2020	Big Data Innovation Hubs	?????			
DT-ICT-06-2018	Coordination and Support Activities for Digital Innovation Hub network	CSA	1		17 Apr 2018
Platforms and Pilots					
DT-ICT-07-2018-2019	Digital Manufacturing Platforms for Connected Smart Factories 83	IA	48		17 Apr 2018
	as above	IA		45	2 Apr 2019
		CSA		2	2 Apr 2019
DT-ICT-08-2019	Agricultural digital integration platforms	IA		30	14 Nov 2018
DT-ICT-09-2020	Digital service platforms for rural economies	?????			
<mark>DT-ICT-10-2018-19</mark>	<mark>Interoperable and smart homes and grids</mark>	IA	15	15	14 Nov 2018
DT-ICT-11-2019	Big data solutions for energy	IA		30	2 Apr 2019
DT-ICT-13-2020	The smart hospital of the future	?????			
DT-ICT-14-2019	Digital Platforms/Pilots Horizontal Activities	CSA		4	17 Apr 2018
Call - Cybersecurity					

SU-ICT-01-2018	Dynamic countering of cyber-attacks	IA	40		28 Aug 2018
SU-ICT-02-2020	Building blocks for resilience in evolving ICT systems	RIA		47	22 Aug 2019
SU-ICT-03-2020	Advanced cyber security and digital privacy technologies	?????			
SU-ICT-04-2019	Quantum Key Distribution testbed	IA		15	28 Aug 2018
Call - EU-Japan Joint Call					
EUJ-01-2018	Advanced technologies (Security/Cloud/IoT/BigData) for a hyper-connected society in the context of Smart City	RIA	3		31 Jan 2018
EUJ-02-2018	5G and beyond	RIA	3		31 Jan 2018
Call - EU-Korea Joint Call					
EUK-01-2018	Cloud, IoT and AI technologies	RIA	2.2		31 Jan 2018
EUK-02-2018	5G	RIA	2.2		31 Jan 2018

RIA	Research and Innovation Actions	100% of eligible costs (unless the call provides exceptionally for another rate)
IA	Innovation Actions	70% (100% for non-profit organizations) of eligible costs.
CSA	Coordination and Support Actions	100% of eligible costs (unless the call provides exceptionally for another rate)
PCP	Innovation Procurement (Pre-Commercial Procurement	70%

http://ec.europa.eu/research/participants/data/ref/h2020/other/gm/h2020-grant-factsheet_en.pdf