

# Horizon 2020 Work Programme 2016-2017 - TOPIC

## Information and Communication Technologies

<u>TOPIC</u>	<u>DEADLINE</u>
<b>Components and systems</b>	
ICT-01-2016: Smart Cyber-Physical Systems	12/04/2016
ICT-02-2016: Thin, Organic and Large Area Electronics	12/04/2016
ICT-03-2016: SSI - Smart System Integration	12/04/2016
ICT-04-2017: Smart Anything Everywhere Initiative	08/11/2016
<b>Advanced Computing and Cloud Computing</b>	
ICT-06-2016: Cloud Computing	12/04/2016
ICT-05-2017 Customised and low energy computing	25/04/2017
INFRADEV-04-2016 European Open Science Cloud for Research (WP research infrastructures)	22/06/2016
EINFRA-11-2016 Support to the next implementation phase of Pan-European High Performance Computing infrastructure and services (PRACE) (WP research infrastructures)	30/03/2016
EINFRA-12-2017 Data and Distributed Computing e-infrastructures for Open Science	29/03/2017
EINFRA-21-2017 Platform-driven e-infrastructure innovation (WP research infrastructures)	20/09/2016 29/03/2017
EINFRA-22-2016 User-driven e-infrastructure innovation (WP research infrastructures)	30/03/2016
INFRA supp-03-2016 Support to policies and international cooperation for e-infrastructures (WP research infrastructures)	30/03/2016
<b>Internet</b>	
ICT-07-2017: 5G PPP Research and Validation of critical technologies and systems	08/11/2016
ICT-08-2017: 5G PPP Convergent Technologies	08/11/2016
ICT-09-2017: Networking research beyond 5G	08/11/2016
ICT-10-2016: Software Technologies	12/04/2016
ICT-11-2017 Collective Awareness Platforms for Sustainability and Social Innovation	25/04/2017
ICT-12-2016: Net Innovation Initiative	12/04/2016
ICT-13-2016: Future Internet Experimentation - Building a European experimental Infrastructure	12/04/2016
IoT-01-2016 Large Scale Pilots	12/04/2016
IoT-02-2016 IoT Horizontal activities	12/04/2016
IoT-03-2017 R&I on IoT integration and platforms	25/04/2017
CIP-01-2016-2017 Prevention, detection, response and mitigation of the combination of physical and cyber threats to the critical infrastructure of Europe	25/08/2016 24/08/2017
DS-02-2016 Cyber Security for SMEs, local public administration and Individuals	25/08/2016
DS-04-2016 Economics of Cybersecurity	25/08/2016
DS-06-2017 Cryptography	25/04/2017
DS-07-2017 Addressing Advanced Cyber Security Threats and Threat Actors	24/08/2017
DS-08-2017 Privacy, Data Protection, Digital Identities	24/08/2017
<b>Value chain: Data, Content, Knowledge</b>	
ICT-14-2016-2017: Big Data PPP: cross-sectorial and cross-lingual data integration and experimentation	12/04/2016

	25/04/2017
ICT-15-2016-2017: Big Data PPP: Large Scale Pilot actions in sectors best benefitting from data-driven innovation	12/04/2016
	25/04/2017
ICT-16-2017 Big data PPP: research addressing main technology challenges of the data Economy	25/04/2017
	12/04/2016
ICT-17-2016-2017: Big data PPP: Support, industrial skills, benchmarking and evaluation	25/04/2017
	12/04/2016
ICT-18-2016: Big data PPP: privacy-preserving big data technologies	25/04/2017
ICT-20-2017 Tools for smart digital content in the creative industries	12/04/2016
ICT-21-2016: Support technology transfer to the creative industries	12/04/2016
ICT-22-2016: Technologies for Learning and Skills	25/04/2017
ICT-23-2017 Interfaces for accessibility	12/04/2016
ICT-24-2016: Gaming and gamification	08/11/2016
ICT-19-2017: Media and content convergence	05/04/2016
LCE-01-2016-2017 Next generation innovative technologies enabling smart grids, storage and energy system integration with increasing share of renewables: distribution network (WP Energy)	14/02/2017
LCE-02-2016 Demonstration of smart grid, storage and system integration technologies with increasing share of renewables: distribution system (WP Energy)	05/04/2016
<b>Robotics and Autonomous Systems</b>	
ICT-25-2016-2017: Advanced robot capabilities research and take-up	12/04/2016
	25/04/2017
ICT-26-2016: System abilities, development and pilot installations	12/04/2016
ICT-27-2017 System abilities, SME & benchmarking actions, safety certification	25/04/2017
ICT-28-2017 Robotics Competition, coordination and support	25/04/2017
ICT-29-2016: Photonics KET 2016	12/04/2016
SFS-05-2017 Robotics Advances for Precision Farming	14/02/2017
<b>Responsibility and Creativity</b>	
ICT-35-2016: Enabling responsible ICT-related research and innovation	12/04/2016
ICT-36-2016: Boost synergies between artists, creative people and technologists	12/04/2016
<b>ICT Key Enabling Technologies</b>	
ICT-30-2017 Photonics KET	25/04/2017
ICT-31-2017 Micro- and nanoelectronics technologies	25/04/2017
<b>Innovation and Entrepreneurship support</b>	
ICT-32-2017 Startup Europe for Growth and Innovation Radar	25/04/2017
ICT-33-2017 Innovation procurement networks	25/04/2017
FOF-12-2017 ICT Innovation for Manufacturing SMEs (I4MS)	19/01/2017
<b>International Cooperation</b>	
ICT-39-2016-2017 International partnership building in low and middle income countries	25/04/2017
EUB-01-2017 Cloud Computing (EU-Brazil)	14/03/2017
EUB-02-2017 IoT Pilots (EU-Brazil)	14/03/2017
<b>Health and well-being</b>	

SC1-PM-14-2016 EU-Japan cooperation on Novel ICT Robotics based solutions for active and healthy ageing at home or in care facilities (WP Health)	12/04/2016
SC1-PM-15-2017 Personalised coaching for well-being and care of people as they age	31/01/2017
NMBP-13-2017 Cross-cutting KETs for diagnostics at the point-of-care	19/01/2017

SC1-PM-16-2017 In-silico trials for developing and assessing biomedical products	14/03/2017
SC1-PM-17-2017 Personalised computer models and in-silico systems for well-being	14/03/2017
SC1-PM-19-2017 PPI for uptake of standards for the exchange of digitalised healthcare records	14/03/2017

### **Energy**

EE-06-2016-2017 Engaging private consumers towards sustainable energy	15/09/2016
	07/06/2017
EE-07-2016-2017 Behavioural change toward energy efficiency through ICT	19/01/2017
EE-12-2017 Integration of Demand Response in Energy Management Systems while ensuring interoperability through Public Private Partnership (PPP)	19/01/2017
EE-20-2017 Bringing to market more energy efficient and integrated data centres	19/01/2017
LCE-04-2017 Demonstration of smart transmission grid, storage and system integration technologies with increasing share of renewables	14/02/2017
LCE-05-2017 Tools and technologies for coordination and integration of the European energy system	14/02/2017

### **Mobility**

MG-4.1-2017 Increasing the take up and scale-up of innovative solutions to achieve sustainable mobility in urban areas	26/01/2017
	19/10/2017
MG-5.2-2017 Innovative ICT solutions for future logistics operations	26/01/2017
	19/10/2017
MG-8.2-2017 Big data in Transport: Research opportunities, challenges and limitations	01/02/2017
ART-01-2017 ICT infrastructure to enable the transition towards road transport automation	26/01/2017
	27/09/2017
GV-10-2017 Demonstration (pilots) for integration of electrified L-category vehicles in the urban transport system	01/02/2017

### **Inclusive societies**

CO-CREATION-04-2017 Applied co-creation to deliver public services	02/02/2017
CO-CREATION-05-2016 Co-creation between public administrations: once-only principle	24/05/2016
CO-CREATION-06-2017 Policy-development in the age of big data: data-driven policy-making, policy modelling and policy-implementation	02/02/2017
REV-INEQUAL-09-2017 Boosting inclusiveness of ICT-enabled research and innovation	02/02/2017
CULT-COOP-09-2017 European cultural heritage, access and analysis for a richer interpretation of the past	02/02/2017
CULT-COOP-11- 2016/2017 Understanding the transformation of European public administrations	02/02/2017