

# ICT in HORIZON 2020 WP 2018-2020

## **INTRODUCTION/SCOPE**

[Introduction WP 2018-20](#)

[Introduction to Leadership in enabling and industrial technologies \(LEITs\) WP 2018-20](#)

[Information and communication technologies \(ICT\) WP 2018-20](#)

[Dissemination, Exploitation and Evaluation WP 2018-20](#)

[General annexes to the Work Programme 2018-2020](#)

[Legal basis: Horizon 2020 Regulation of Establishment](#)

[Legal basis: Horizon 2020 Rules for Participation](#)

[Legal basis: Horizon 2020 Specific Programme](#)

## **CONTACT**

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Topic ID	Topic title	Budget (M€)	Opening			Deadline 2020
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<b>Excellent Science</b>						
<b>Future and Emerging Technologies (FET)</b>						
<b>FET Open: novel ideas for radically new technologies</b>						
FETOPEN-03-2018-2019-2020	FET Innovation Launchpad	3.0	09/10/19			14/10/20

<b>Secure, Clean and Efficient Energy</b>						
<b>Building a low-carbon, climate resilient future: secure, clean and efficient energy</b>						
<b>Buildings in energy transition (B4E)</b>						
LC-SC3-B4E-3-2020	Upgrading smartness of existing buildings through innovations for legacy equipment	8.0	05/03/20			10/09/20
LC-SC3-B4E-14-2020	Enabling next-generation of smart energy services valorising energy efficiency and flexibility at demand-side	6.0	05/03/20			10/09/20
<b>Global leadership in renewables</b>						
LC-SC3-RES-31-2020	Offshore wind basic science and balance of plant	8.0	03/12/19			21/04/20
<b>Smart Cities and Communities</b>						
LC-SC3-SCC-2-2020	Positive Energy Districts and Neighbourhoods for urban energy transitions	5.0	05/05/20			01/09/20

<b>Smart, green and integrated transport</b>						
<b>Mobility for growth</b>						
<b>Building a Low-Carbon, Climate Resilient Future: Low-Carbon and Sustainable Transport</b>						
LC-MG-1-12-2020	Cities as climate-resilient, connected multimodal nodes for smart and clean mobility: new approaches towards demonstrating and testing innovative solutions	18.0	03/09/19			08/09/20 – 2nd stage

<b>Climate action, environment, resource efficiency and raw materials</b>						
<b>Building a low-carbon, climate resilient future: climate action in support of the Paris Agreement</b>						
<b>Decarbonisation</b>						
LC-CLA-11-2020	Innovative nature-based solutions for carbon neutral cities and improved air quality	30.0	12/11/19			03/09/20 – 2nd stage
<b>Climate adaptation, impacts and services</b>						
LC-CLA-12-2020	Advancing climate services	22.0	12/11/19			03/09/20 – 2nd stage
<b>Inter-relations between climate change, biodiversity and ecosystem services</b>						
LC-CLA-16-2020	Multi-hazard risk management for risk-informed decision-making in the E.U.	5.0	12/11/19			03/09/20 – 2nd stage
<b>Earth Observation</b>						
LC-CLA-19-2020	Integrated GEOSS climate applications to support adaptation and mitigation measures of the Paris Agreement	10.0	12/11/19			03/09/20 – 2nd stage
<b>Greening the economy in line with the Sustainable Development Goals (SDGs)</b>						
<b>Raw materials</b>						
SC5-10-2019-2020	Raw materials innovation actions: exploration and Earth observation in support of sustainable mining	41.86	12/11/19			03/09/20 – 2nd stage

<b>Secure societies - Protecting freedom and security of Europe and its citizens</b>						
<b>Protecting the infrastructure of Europe and the people in the European smart cities</b>						
SU-INFRA01-2018-2019-2020	Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure in Europe	20.7	12/03/20			27/08/20
<b>Artificial Intelligence and security: providing a balanced assessment of opportunities and challenges for Law Enforcement in Europe</b>						

SU-AI01-2020	Developing a research roadmap regarding Artificial Intelligence in support of Law Enforcement	1.5	12/03/20			27/08/20
SU-AI02-2020	Secure and resilient Artificial Intelligence technologies, tools and solutions in support of Law Enforcement and citizen protection, cybersecurity operations and prevention and protection against adversarial Artificial Intelligence	17.0	12/03/20			27/08/20
SU-AI03-2020	Human factors, and ethical, societal, legal and organisational aspects of using Artificial Intelligence in support of Law Enforcement	1.5	12/03/20			27/08/20
<b>Security</b>						
<b>Disaster-Resilient Societies</b>						
SU-DRS02-2018-2019-2020	Technologies for first responders	21.0	12/03/20			27/08/20
<b>Fight against Crime and Terrorism</b>						
SU-FCT02-2018-2019-2020	Technologies to enhance the fight against crime and terrorism	28.1 28.0	14/03/19 12/03/20			27/08/20
SU-FCT03-2018-2019-2020	Information and data stream management to fight against (cyber)crime and terrorism	8.0 8.0	14/03/19 12/03/20			27/08/20
<b>Border and External Security</b>						
SU-BES02-2018-2019-2020	Technologies to enhance border and external security	21.0 21.0	14/03/19 12/03/20			27/08/20
SU-BES03-2018-2019-2020	Demonstration of applied solutions to enhance border and external security	10.0 10.0	14/03/19 12/03/20			27/08/20
<b>Digital security</b>						
<b>Cybersecurity, Digital Privacy and data protection</b>						
SU-DS02-2020	Intelligent security and privacy management	38.0	12/03/20			27/08/20
SU-DS03-2019-2020	Digital Security and privacy for citizens and Small and Medium Enterprises and Micro Enterprises	18.0 10.8	14/03/19 12/03/20			27/08/20
SU-DS04-2018-2020	Cybersecurity in the Electrical Power and Energy System (EPES): an armour against cyber and privacy attacks and data breaches	20.0	12/03/20			27/08/20

<b>European Innovation Council (EIC) Pilot</b>						
<b>EIC Accelerator pilot (SME Instrument)</b>						
EIC-SMEInst-2018-2020	SME instrument	654.00	07/11/17			Phase 2: 07/10/20
<b>Fast Track to Innovation (FTI)</b>						
EIC-FTI-2018-2020	Fast Track to Innovation (FTI)	100.0	07/11/17			27/10/20