Horizon 2020 - ICT Call 2016 Topic Preview – 5ᵗʰ May 2015

- **Call Identifier: H2020-ICT-2016**
- **Call Publication: late Q3 2015**
- **Call Deadline: Q1-2 2016 (except for the SME instrument)**
- **Estimated budget for this call: 970 M€**

Work Programme Structure

The ICT Work Programme 2016-2017 is structured around these Challenges:

1. A new generation of components & systems
2. Advanced Computing and Cloud Computing
3. Future Internet
4. Content
5. Robotics and autonomous systems
6. ICT Key Enabling Technologies
7. Internet of Things
8. Security
9. Innovation and Entrepreneurship support
10. Responsibility and Creativity
11. International Cooperation Activities
12. Open Disruptive Innovation

Types of projects/funding in this Call for Proposals

Funding Code	Funding Scheme	Funding rate	Typical duration	EC funding (EUR million)	Comment
RIA	Research & Innovation Actions	100%	1-4 years	Small: 2-4 Large: 5-8	Collaborative projects
IA	Innovation Actions	70% (100% for public bodies)	1-2 years	Small: 1-4 Large: 5-8	For dev. & take-up, no R&D
CSA	Coordination and Support Actions	100%	1-3 years	0.5-3	No R&D activities funded
PCP	Pre-commercial Procurement	Cofunding	1-3 years	2-6	To launch a tender for procurement of RDI

PPI	Public Procurement for Innovation	Cofunding	1-3 years	2-6	To launch a tender for innovation
ERA	ERA Nets	Cofunding up to 33%	1-3 years	2-5	To coordinate ERA and launch calls for countries involved
PRI	Prizes	100%	n/a	1	Incentive for and recognition of RDI excellence
SME	SME Instrument	Target: single SME 3 phases: - Phase 1: lump sum of 50,000€ per project - Phase 2: 0.5 to 2 EUR million per project; funding level: 70% of eligible costs - Phase 3 : no funding			

Call Topics

Challenge	Topic/Area	Subtopic	Funding	Budget (M€)
1. A new generation of components & systems	Cyber-physical systems	ICT1.1	RIA mix	20
	Electronics (TOLAE)	ICT1.2	IA mix	20
	Smart system integration	ICT1.3	RIA mix	17.5
	Smart Anything Everywhere …	ICT1.4	IA mix	26.5
2. Advanced Computing and Cloud	Customised and low power …	ICT2.1	RIA mix	26
	Cloud Computing	ICT2.2	RIA mix	45
3. Future Internet	5G PPP Research & validation	ICT3.1	RIA mix	103
	5G PPP Convergent Technologies	ICT3.2	IA mix	45
	Network research beyond 5G	ICT3.3	RIA	18
	Software Technologies	ICT3.4	RIA	30.5
	Net Innovation Factory	ICT3.6	IA mix	20.2
	Future Internet Experimentation	ICT3.7	RIA mix	26.5

4. Content	Big Data PPP	ICT4.1	IA	40
		ICT4.2	IA	14
		ICT4.3	IA	50
		ICT4.5	CSA	5
		ICT4.6	RIA mix	9
	Media and content	ICT4.8	IA mix	25
	Creative industries	ICT4.10	IA	14
	Learning and skills	ICT4.11	IA mix	31
	Gaming and gamification	ICT4.13	IA	12
5. Robotics	Advanced robots and systems	ICT5.1	RIA mix	38
	Robotics research & innovation	ICT5.2	IA mix	47
6. ICT Key Enabling Technologies	Photonics KET 2016	ICT6.1	RIA mix	66
7. Internet of Things	Large Scale Pilots	ICT7.1	IA	75
	IoT Horizontal activities	ICT7.2	CSA	5
	R&I on IoT integration&platforms	ICT7.3	RIA	34
8. Security	Assurance and Certification ..	ICT8.1	RIA mix	22.5
	Sec. & privacy Cluster	ICT8.2	CSA	1
9. Innovation & Entrepreneurship support	Innovation Procurement network	ICT9.2	CSA	4
10. Responsibility and Creativity	Responsible research&innovation	ICT10.1	RIA	7
	Technologist–creatives dialogue	ICT10.2	CSA	3
	S&T, Design & Arts innovation	ICT10.3	CSA	4
11. International Cooperation Actions	CHINA Future Internet	ICT11.1	CSA	1
	MEXICO Future Internet	ICT11.2	RIA mix	1
12. Open Disruptive Innovation	Innovation scheme	*ICT12.1	SME	63
	Corporate & procurers network ..	ICT12.2	CSA	1
	Fast Track to Innovation – pilot	ICT12.3		

*   Topic ICT 12.1 year of publication not yet sure

Get Informed

If you are registered on Euresearch with the Call eAlert and a profile of keywords matching your interests, you will automatically be informed by e-Alert as soon as the call is open.

For a general overview of the ICT Theme as well as for more information on the call you are invited to check out the thematic webpage: *www.euresearch.ch/ict*

Attend the key EU ICT event! **ICT 2015** will be 20-22 October 2015 in Lisbon

Additional calls listed in the ICT Workprogramme 2016:

Expected Publication Date	Name of Call	Call identifier	Deadline for submission
tbc	EU–Japan Call	H2020–EUJ–2016	Tbc
tbc	EU–South Korea Call	H2020–EUK–2016	tbc
tbc	Factory of the Future	H2020–FOF–2016	tbc

Get Advised

For all open issues relating to ICT, please do not hesitate to contact:

➢ For questions regarding formal and administrative matters (eligibility criteria, budgeting, etc), contact your Regional Office *(www.euresearch.ch/contacts)*

➢ For questions concerning the scientific aspects of your proposal, contact your ICT National Contact Points *julian.randall@euresearch.ch or francesco.kienzle@euresearch.ch*

Get connected

Service	Provider	Link
Partner Search for RDI ICT Projects	Ideal–IST	*www.ideal–ist.eu*
FP7 projects Database	CORDIS	*cordis.europa.eu/projects/home_en.html*
Technology & RDI Cooperation	Enterprise Europe Network	*www.enterprise–europe–network.ch/marketplace/*

Further mooted 2016 ICT Topics in Societal Challenges and Leadership in enabling and Industrial Technologies

Societal Challenge	Topic/Area
Personalised Medicine (Health)	– Support for eHealth related European SMEs stimulating innovation, investments and growth, including clinical validation of VPH solutions – ICT solutions for Active and Healthy Ageing based on open platforms – eHealth innovation initiated by healthcare service providers in empowering the hospitalised patient – PPI for deployment and scaling up of ICT solutions for active and healthy ageing – EU–Japan Research and Development Cooperation in ICT for Active and Healthy Ageing – Increasing digital security of health related data on a systemic level – Big Data supporting Public Health policies
Health Coordination activities HCO	– Support for Europe's leading Health ICT SMEs – Market take-up of ICT Innovations in Active and Healthy Ageing – Digital health literacy and workforce IT skills (a) Digital health literacy (b) Healthcare Workforce IT Skills – EU–US interoperability – EU eHealth Interoperability conformity assessment
Other Health Actions	– Large-scale pilots in Smart Living Environments for the elderly
Secure, clean and efficient energy	– Next generation innovative technologies enabling smart grids (tbc)
Secure Societies Call – Digital Security	– Cyber Security for SMEs and Individuals – Security Economics – EU and International Coordination in Cybersecurity Research and Innovation
Nanotechnologies and Advanced Materials	Cross-KET for Health