

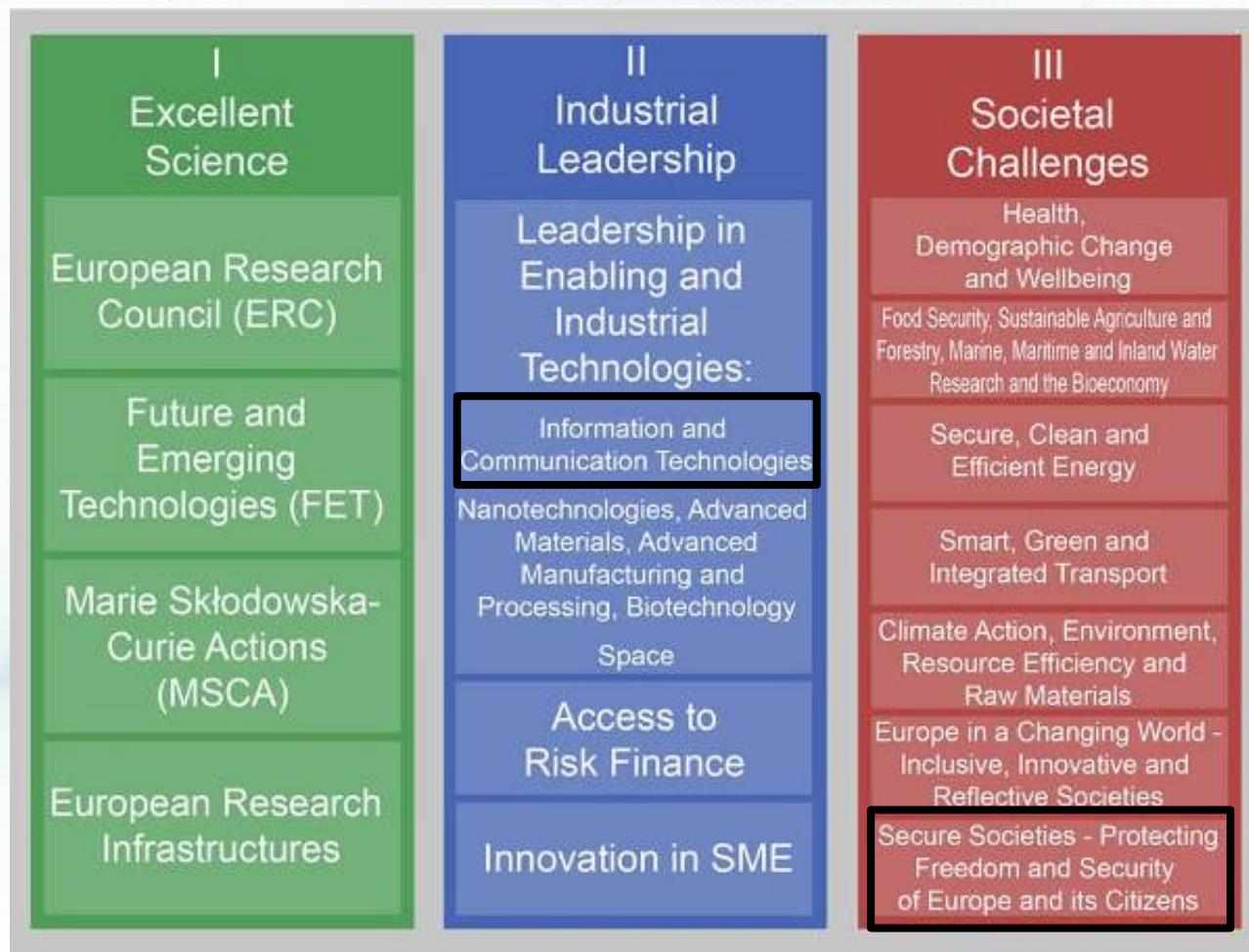
Prosjektverksted om IT og beredskap

Vestlandsforskning, Sogndal 31. mai 2017

Henning Maagerud, Norges Forskningsråd



ICT LEIT og sikkerhet (SC7) i H2020



Market maturity →

Status H2020 arbeidsprogrammer

- Vi er nå i slutten av arbeidsprogram WP2016-17
- For ICT LEIT var søknadsfristen 25. april 2017
- For SC7 er fristen **24. august 2017**
- Det arbeides nå med utforming av WP2018-20
- Final draft ventes i juni, publisering skjer i okt – nov 2017

- Samtidig arbeides det med neste rammeprogram, FP9, som skal gjelde for perioden 2021-2027.

ICT LEIT WP2018-20 struktur

- Information and Communication Technologies
 - Technologies for Digitising European Industry
 - European Data Infrastructure: HPC, Big Data and Cloud Technologies
 - 5G
 - Next Generation Internet (NGI)
 - Cross-cutting activities
- Digitising and Transforming European industry and services
 - Support to hubs
 - Platforms and Pilots
- Cybersecurity
- EU-Japan Joint Call
- EU-Korea Joint Call.

Relevante topics fra ICT LEIT

Topic	Action	TRL	Beskrivelse
ICT-19-2018-2019	CSA / RIA / IA		Supporting the emergence of data markets and the data economy
SU-ICT-01-2019	IA	5-6	Dynamic countering of cyber-attacks
SU-ICT-02-2020			Building blocks for resilience in evolving ICT systems
SU-ICT-03-2020			Advanced cybersecurity and digital privacy technologies

Secure Societies (SC7) WP2018-20 struktur

- Protecting the infrastructure of Europe and the people in the European smart cities
- Security
 - Disaster-resilient Societies (DRS)
 - Fight Against Crime and Terrorism (FCT)
 - Border and External Security (BES)
 - General Matters (GM)
- Digital Security
- Vekt på å få med brukermiljøer («practitioners»), og det stilles krav til slik deltagelse i konsortiene.

Relevante topics fra SC7 (inkludert Digital Security)

Topic	Action	TRL	Beskrivelse
SU-INFRA01-2018-2019-2020	IA	< 8	Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructures in Europe
SU-INFRA02-2019	IA	< 8	Security for Smart Cities and «soft» targets in Smart Cities
SU-DRS01-2018-2019-2020	RIA		Human factors, and social, societal, and organisational aspects for disaster-resilient societies
SU-DRS02-2018-2019-2020	RIA	4-6	Technologies for first responders
SU-DRS03-2018-2019-2020	IA	6-7	Pre-normative research and demonstration for disaster-resilient societies
SU-DRS05-2019	IA		Methodical demonstration of novel concepts for the management of pandemic crises
SU-FCT01-2018-2019-2020	RIA		Human factors, and social, societal, and organisational aspects to solve issues in fighting against crime and terrorism
SU-FCT02-2018-2019-2020	RIA	4-6	Technologies to enhance the fight against crime and terrorism
SU-FCT03-2018-2019-2020	IA	5-7	Information and data stream management to fight against (cyber)crime and terrorism
SU-BES01-2018-2019-2020	RIA		Human factors, and social, societal and organisational aspects of border and external security
SU-BES02-2018-2019-2020	RIA	4-6	Technologies to enhance border and external security
SU-BES03-2018-2019-2020	IA		Demonstration of applied solutions to enhance border and external security
SU-DS01-2018	IA	<8	Cybersecurity preparedness - cyber range, simulation and economics
SU-DS02-2020	IA		Management of cyber-attacks and other risks
SU-DS03-2019-2020	IA	<8	Digital Security and privacy for citizens and Small and Medium Enterprises and Micro Enterprises
SU-DS04-2018-2020	IA	<8	Cybersecurity in the Electrical Power and Energy System (EPES): an armour against cyber and privacy attacks
SU-DS05-2018-2019	IA + RIA	<8	Digital security, privacy and accountability in critical sectors

Kommende arrangementer

- Forskningsrådets kick-off WP2018-20
 - Tentativ dato 18. oktober 2017 på Lysaker
 - ICT LEIT, Health, Secure Societies, Energy, Transport + + ?
 - Planlagt felles spor og individuelle spor for hvert program
- ICT Proposers Day
 - 9 – 10 november 2017 i Budapest
 - Informasjon om WP2018-20 arbeidsprogram og topics
 - Brokerage sessions
 - Norsk samling i regi av NFR.

Kanskje det viktigste dokumentet (for WP2016-17)



A guide to ICT-related activities in WP2016-17

ICT in H2020 – an overview

As a generic technology, ICT is present in many of the H2020 areas. This guide is designed to help potential proposers find ICT-related topics across the different parts of H2020 in work programme 2016–17.

The EC Participant Portal



The screenshot shows the homepage of the European Commission Research & Innovation Participant Portal. At the top, there is a banner featuring the European Commission logo and the text "RESEARCH & INNOVATION Participant Portal". Below the banner, the navigation menu includes links for "European Commission", "Research & Innovation", "Participant Portal", and "Home". The main content area features a large banner for "Horizon 2020 Funding" starting from 1/1/2014. Below this, a text block informs users about funding opportunities under various EU programmes, including Horizon 2020, FP7, and other health, asylum, and migration programmes. Two sections are shown: "Non-registered users" and "Registered users", each with a list of actions they can perform. At the bottom, there are six cards with icons and labels: "WHAT'S NEW?", "FUNDING OPPORTUNITIES", "HOW TO PARTICIPATE", "WORK AS AN EXPERT", "MY PERSONAL AREA", and "INFORMATION AND SUPPORT". The footer contains links for "HORIZON 2020", "RESEARCH ON EUROPA", "CORDIS", and "OLAF".

(A-Z) Sitemap About this site Contact Legal Notice Search English ▾

 European Commission

RESEARCH & INNOVATION
Participant Portal

European Commission > Research & Innovation > Participant Portal > Home

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT ▾ Search  LOGIN REGISTER

Horizon 2020 Funding
Starting from 1/1/2014

On this site you can find and secure **funding** for projects under the following EU programmes:

- 2014-2020 Horizon 2020 - research and innovation framework programme
- 2007-2013 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)
- 3rd Health Programme, Asylum, Migration and Integration Fund, Consumer Programme, COSME, Internal Security Fund Borders, Internal Security Fund Police, Justice Programme, Promotion of Agricultural Products Programme, Rights, Equality and Citizenship Programme and Research Fund for Coal & Steel

Non-registered users

- search for funding
- read the H2020 Online Manual & download the legal documents
- check if an organisation is already registered
- contact our support services or check our FAQs

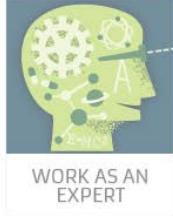
Registered users

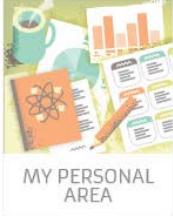
- submit your proposal
- sign the grant
- manage your project throughout its lifecycle
- register as expert advising the Commission


WHAT'S NEW?


FUNDING OPPORTUNITIES


HOW TO PARTICIPATE


WORK AS AN EXPERT


MY PERSONAL AREA


INFORMATION AND SUPPORT

HORIZON 2020 RESEARCH ON EUROPA CORDIS OLAF

© European Commission

Topics for gruppearbeid



SC7 topics med søknadsfrist 24.08.2017

Topic	Action	TRL	Beskrivelse
CIP-01-2016-2017	IA	7	Prevention, detection, response and mitigation of the combination of physical and cyber threats to the critical infrastructure of Europe.
SEC-04-DRS-2017	PCP	8	Broadband Communications systems
SEC-05-DRS-2016-2017	CSA	4-7	Chemical, biological, radiological and nuclear (CBRN) cluster
SEC-07-FCT-2016-2017	RIA	?	Human Factor for the Prevention, Investigation, and Mitigation of criminal and terrorist acts
SEC-09-FCT-2017	PCP	8	Toolkits integrating tools and techniques for forensic laboratories
SEC-10-FCT-2017	IA	8	Integration of detection capabilities and data fusion with utility providers' networks
SEC-12-FCT-2016-2017	RIA	6	Technologies for prevention, investigation, and mitigation in the context of fight against crime and terrorism
SEC-13-BES-20217	PCP	< 8	Next generation of information systems to support EU external policies
SEC-15-BES-2017	IA	< 7	Risk-based screening at border crossing
SEC-16-BES-2017	RIA	5-6	Through-foliage detection, including in the outermost regions of the EU
SEC-17-BES-2017	RIA	?	Architectures and organizations, big data and data analytics for customs risk management of the international goods supply chain trade movements
SEC-18-BES-2017	RIA	Lav	Acceptance of "no gate crossing point solutions"
SEC-21-GM-2016-2017	CSA	?	Pan European Networks of practitioners and other actors in the field of security
DS-07-2017	RIA/IA	3-7	Cybersecurity PPP: Addressing Advanced Cyber Security Threats and Threat Actors
DS-08-2017	IA	6-7	Cybersecurity PPP: Privacy, Data Protection, Digital Identities

CIP-01-2016-2017 Prevention, detection, response and mitigation of the combination of physical and cyber threats to the critical infrastructure of Europe

- Det skal ses på **kombinasjoner** av fysiske og digitale angrep mot kritiske infrastrukturer
- Maks ett prosjekt pr. type infrastruktur i løpet av 2016-2017 blir finansiert. I 2016 ble områdene vann, energi og transport finansiert. For 2017 gjenstår **kommunikasjon, helse og finans**
- Forskningen skal dekke flere områder, som forebygging, deteksjon, respons og evt. gjenoppretting over infrastrukturens levetid

Nøkkeldata	
TRL	7
Action	IA
Åpner dato	1.03.2017
Søknadsfrist	24.08.2017
€ pr. prosjekt	€8M
€ totalt	€20M

Målgrupper	
Typer aktører	Næringsliv. Offentlig sektor, infrastrukturoperatører innen områdene kommunikasjon, helse, finans. Forskning.
Spesielle forhold	Operatører innenfor de aktuelle typene infrastrukturer. Minst 2 infrastrukturoperatører som opererer i 2 land må være med i konsortiet. Det anbefales sterkt å ha med SMB-er i konsortiet.

SEC-10-FCT-2017 Integration of detection capabilities and data fusion with utility providers' networks

- Utvikling av sensorer utplassert i vann- og avløppssystemer for å oppdage spor av narkotika, eksplosiver og andre typer substanser som truer borgernes sikkerhet
- Kombinasjon med sensordata fra andre kilder, f.eks. systemer for monitorering av luftkvalitet og energiforbruk
- En prototype, med prøveperiode over minst to år
- Mobil plattform for å fastslå lokasjon og sammensetning av mistenkelige målinger
- Skal vurdere sårbarhet og etiske problemstillinger ved slike systemer

Nøkkeldata	
TRL	6-8
Action	IA
Åpner dato	1.03.2017
Søknadsfrist	24.08.2017
€ pr. prosjekt	€8M
€ totalt	€16M

Målgrupper	
Typer aktører	Næringsliv og offentlig sektor, <i>Law Enforcement Agencies</i> , nettverksoperatører (vann og energi)
Spesielle forhold	Det anbefales å ha med SMB-er i konsortiet Krav til minst 2 uavhengige nettverksoperatører (vann, energi) Krav til 3 <i>Law Enforcement Agencies</i> (kontraterrorisme-/bombeenheter) fra minst 3 EU-medlemsland. Det anbefales å ha med flere <i>Law Enforcement Agencies</i> fra assosierte land.

DS-08-2017 Cybersecurity PPP: Privacy, Data Protection, Digital Identities

- Internett-spor kan brukes til profilering av brukere
- GDPR påbyr implementasjon av teknologiske og organisatoriske beskyttelsesmekanismer
- Digitale ID-er har høyt sikkerhetsnivå, men er ikke alltid brukbare i kommersielle applikasjoner
- Ett av følgende temaer skal dekkes:
 - *Privacy-enhancing Technologies (PET)*
 - GDPR i praksis
 - Sikker digital identitet

Nøkkeldata	
TRL	6-7
Action	IA
Åpner dato	1.03.2017
Søknadsfrist	24.08.2017
€ pr. prosjekt	€2-3M
€ totalt	€17.60M

Målgrupper	
Typer aktører	Forskning, næringsliv og offentlige aktører
Spesielle forhold	

Evaluering, prosess

- One deadline per submission (full proposal)
- Individual evaluation (usually in remote)
- Consensus group discussion (usually in Brussels)
- Panel review
- Final ranking

- Se egen presentasjon for detaljert prosess

Hva skjer fremover nå i WP2016-17? (SC7)

- Søknadsfrist 24. august 2017
- Prøveevaluering/vurdering primo august
- Evaluering ferdig ca oktober
- Panelmøter, security scrutiny og kvalitetssikring november – desember
- Resultat publiseres medio januar 2018
- Kontraktforhandlinger frem til ca april
- Prosjektstart sommer 2018

The ICT LEIT NCP team

Henning Maagerud



Kim Davis

Benedicte Sognefest

The SC7 Secure Societies NCP team



Berit Berg Tjørhom

Henning Maagerud

Newsletters

NFR publishes Horizon 2020 news letters for each work programme.

To subscribe:

www.forskningsradet.no/horisont2020

