

Utlysningen Säkra samhällen augusti 2016

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Innehåll

- Utlysningarna, allmänt
- Områden 2016
 - Syfte
 - Målsättningar
- Inför eftermiddagens diskussioner
- Frågor

Bilder som behandlar utlysningssområdena är på engelska

Utlysningarna

I princip sex områden
med olika fokus

- CIP
- DRS
- FCT
- BES
- GM
- DS

The Three Calls

- Critical infrastructure protection – CIP
- Security (three sub-calls) – SEC
 - Disaster Resilience – DRS
 - Fight Against Crime and Terrorism – FCT
 - Border Security and External Security – BES
 - General Matters – GM
- Digital Security – DS

VINNOVA

Utlysningarna Webportalen

Innehåller all information om utlysningarna

- *Challenge*
- *Scope*
- *Expected impact*
- *Projekttyp*
- *Deadlines*
- Teknikmognad
- Ungefärlig budget
- Villkor

The screenshot displays the 'RESEARCH & INNOVATION Participant Portal' website. The page title is 'Calls for Proposals'. On the left, there are navigation menus for 'EU Programmes 2014-2020' (including H2020, Research Fund for Coal & Steel, COSME, 3rd Health Programme, Consumer Programme, and Justice Programme) and 'FP7 & CIP Programmes 2007-2013'. The main content area shows a list of 'Calls for Proposals' under the 'Societal Challenges' category. One call, 'Secure societies - protecting freedom and security of Europe and its citizens', is highlighted with a red circle. Below the list, there are several call cards with titles like 'CRITICAL INFRASTRUCTURE PROTECTION', 'SECURITY', 'Digital Security Focus Area', 'Disaster-resilience: safeguarding and securing society...', 'Border Security and External Security', 'Fight against crime and Terrorism', 'Digital Security: Cybersecurity, Privacy and Trust', and 'Industrial Leadership'. A red arrow points to the 'Industrial Leadership' card. At the bottom, there is a link to find the full list of H2020 calls.

<http://ec.europa.eu/research/participants/portal>

Samverkansplattform H2020
säkra samhällen

Utlysningarna - teknikmognad

Technology readiness levels (TRL)

I utlysningstexten anges det ofta vilken “mognadsgrad” ett projekt bör sikta på

| | |
|-------|-----------------------------------------------------------|
| TRL 1 | basic principles observed |
| TRL 2 | technology concept formulated |
| TRL 3 | experimental proof of concept |
| TRL 4 | technology validated in lab |
| TRL 5 | technology validated in relevant environment |
| TRL 6 | technology demonstrated in relevant environment |
| TRL 7 | system prototype demonstration in operational environment |
| TRL 8 | system complete and qualified |
| TRL 9 | actual system proven in operational environment |

Utlysningssområden 2016

- **CIP - Critical infrastructure protection**
Budget 20 M€, deadline 25/8 2016
- **SEC - Security**
 - **DRS - Disaster Resilience**
Budget 19.5 M€, deadline 25/8 2016
 - **FCT - Fight Against Crime and Terrorism**
Budget 44.25 M€, , deadline 25/8 2016
 - **BES - Border Security and External Security**
Budget 34 M€, , deadline 25/8 2016
 - **GM – General Matters**
Budget 15,5 M€, , deadline 25/8 2016
- **DS - Digital Security**
Budget 63.5 M€, deadlines 16/2, 12/4 och 25/8

CIP - Critical infrastructure protection

- Societies and their economics are strongly dependent upon the operation of our countries' infrastructure
- Disruptions may result from many kinds of hazards and physical and/or cyber-attacks on installations and systems
- Comprehensive, yet installation-specific approach is needed
 - Water Systems,
 - Energy Infrastructure (power plants and distribution)
 - Transport Infrastructure and means of transportation
 - Communication Infrastructure
 - Health Services
 - Financial Services
- Solutions to increase security and resilience of all functions performed
 - Prevention, detection, response, and in case of failure, mitigation of consequences
 - Physical, cyber or combined threats, and potential cascading effects

DRS - Disaster Resilience

- Securing society against disasters
 - reduce the loss of human life, environmental, economic and material damage
 - natural and man-made disasters, including from extreme weather events, crime and terrorism threats
- Improved tools and systems
 - response planning and scenario building
 - situational awareness and decision making
- CBRN-preparedness and response
 - Validation of biological toxins measurements
 - CBRN cluster to facilitate innovation
 - Provide future toolkits and systems in the CBRN area
 - Identify technology development needs
 - Develop and integrate technologies into toolkits and systems

FCT - Fight Against Crime and Terrorism

- New capabilities for fighting and preventing crime illegal trafficking and terrorism
 - Covers both physical and cyber domain
 - Includes understanding and tackling terrorist ideas and beliefs
 - Must respect human rights and privacy
- Avoiding violent radicalization
- Prevention, Investigation, and Mitigation of criminal and terrorist acts
 - mass gatherings, cybercrime, corruption/financial crime/ infiltration of organised crime, high impact petty crimes, high impact domestic violence
- Tools and techniques
 - Forensics
 - Cyber crime
 - UAV detection
 - Video analysis
 - Explosives detection
- Improved knowledge among law enforcement agencies (LEA)
 - New technologies
 - Test and demonstration of new concepts
 - EU-wide training and exercises

BES - Border Security and External Security

- Development of technologies and capabilities which are required to enhance systems, equipment, tools, processes, and methods for rapid identification to improve border security, whilst respecting human rights and privacy
- New technologies, capabilities and solutions which are required to support the Union's external security policies in civilian tasks
- Land border security (potential for cost reduction)
 - Borders and border crossing points
- Maritime security
- Autonomy in surveillance and command and control systems

GM – General Matters

- Pan European Networks of practitioners and other actors in the field of security
 - Firefighters, police and intelligence communities, border guards, custom authorities, explosive specialists, forensic laboratories, medical emergency teams, etc.
 - Common understanding of innovation potential, more widely accepted understanding, expression of common innovation and standardization needs among practitioners in the same discipline.
 - More articulated and coordinated uptake of innovative solutions among practitioners from different disciplines who are often called to act together to face major crisis.
 - More efficient use of investments made across Europe in demonstration, testing, and training facilities for first responders.
 - Synergies with already established European, national and sub-national networks of practitioners.
 - An improved NCP service

DS - Digital Security

- ICT-driven transformations bring opportunities across important sectors but also vulnerabilities to critical infrastructures and digital services
- Can have significant consequences on the functioning of society, economic growth and the technological innovation potential of Europe.
- Cross-cutting; *ICT, Health and Security*
- Assurance and Certification
- Improved addressing of basic cyber security threats
 - SMEs, local public administration and Individuals
- Digital security for eHealth related solutions
- Economic metrics of cyber security
 - cost-benefit framework, incentives and business models
- Improved dialogue, within the EU and internationally

Inför eftermiddagens diskussioner

Upplägg

- Två parallella sessioner
 - Mer detaljerad diskussion och analys kring utlysningarna
 - Vilka svenska utvecklingsbehov kan tillvaratas i de olika utlysningarna
 - Finns tentativa projektidéer i gruppen?

FCT

DRS

BES

DS+CIP

- Hur välja grupp?
 - Potentiella intresseområden
 - Grov bedömning utifrån utlysningarnas innehåll
 - Goda chanser finns dock att ni själva har en bättre uppfattning om era respektive intresseområden!

Inför eftermiddagens diskussioner

Potentiella intresseområden - förslag

FCT

- Fortifikationsverket
- FRA
- Kustbevakningen
- LFV
- Polismyndigheten
- Tullverket

BES

- Kustbevakningen
- Polismyndigheten
- Tullverket

DRS

- Fortifikationsverket
- Jordbruksverket
- Lantmäteriet
- LFV
- Lst / regioner
- Polismyndigheten
- Statens Veterinärmedicinska Anstalt
- Landsting

DS+CIP

- Arbetsförmedlingen, SOES ordf
- Fortifikationsverket
- FRA
- Lantmäteriet
- LFV
- Lst / regioner
- Riksgälden
- Landsting

Frågor?

Parallella sessioner

Sören/Lisa i lokal....

- 13.00-13.40
- Fight against Crime and terrorism

- 13.45-14.30
- Border Security and External Security

Hans/Eva i lokal

- 13.00-13.40
- Disaster Resilience

- 13.45-14.30
- Digital Security/Critical Infrastructure

Parallel sessioner: 13.00-13.40

FCT lokal:

- Sören/Lisa

DRS lokal:

- Hans/Eva

Parallella sessioner: 13.45-14.30

BES lokal:

- Sören/Lisa

DS/CIP lokal:

- Hans/Eva