

Diskussion

Disaster Resilience

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Diskussioner

Upplägg

13.00-13.40

Disaster Resilience

- Mer detaljerad diskussion och analys kring utlysningarna
- Önskvärda framtida förmågor
- Vilka svenska utvecklingsbehov kan tillvaratas i de olika utlysningarna
- Finns tentativa projektidéer i gruppen?

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

Disaster Resilience, topics 2016

- SEC-01-DRS-2016: Integrated tools for response planning and scenario building
- SEC-02-DRS-2016: Situational awareness systems to support civil protection preparation and operational decision making
- SEC-03-DRS-2016: Validation of biological toxins measurements after an incident: Development of tools and procedures for quality control
- SEC-05-DRS-2016-2017: Chemical, biological, radiological and nuclear (CBRN) cluster

Disaster Resilience, topics 2016

SEC-01-DRS-2016: Integrated tools for response planning and scenario building

- Expected impact
 - Short term
 - More efficient response capacity of the EU and between neighbouring countries
 - Improved strategy for response planning and scenario building

Disaster Resilience, topics 2016

SEC-01-DRS-2016: Integrated tools for response planning and scenario building

- Expected impact
 - Medium term
 - Enhanced autonomy, mobility and resilience of rescue and first aid organisations
 - Enhanced understanding of human factors in relation with events affecting critical infrastructure
 - Development of new tools, and adaptive networking of existing technologies (e.g. self-deploying infrastructure and autonomous sensors including passive sensors early warning systems, satellite-based integrated monitoring, system networks for recovery)
 - Development of scenarios developed in specific geographical areas with the direct involvement of local authorities and end-users
 - Development of novel visual interfaces and user-friendly tools
 - Consolidation of the methodology for cross-border scenario-building.
 - Enhanced cooperation between autonomous systems entities: satellite-, sea-, land- and air-based systems
 - Assessment of the societal acceptance of such tools, also from an ethical point of view.
 - Strengthening cooperation among actors involved in crisis management
 - Stronger involvement of practitioners in validating and testing of tools, concepts and methodologies

Disaster Resilience, topics 2016

SEC-02-DRS-2016:Situational awareness systems to support civil protection preparation and operational decision making

- Expected impact
 - Short/medium term
 - Improved cooperation among civil protection services across the EU and Associated Countries
 - Improved cooperation between hazard-monitoring institutes and civil protection services
 - Improved exchange of experiences amongst (public) stakeholders on civil protection in relation to operations within the disaster risk management cycle (prevention, preparedness, surveillance, response);
 - Improved European humanitarian Enhanced Response Capacity
 - Long term
 - Lower operating costs

Disaster Resilience, topics 2016

SEC-03-DRS-2016:Validation of biological toxins measurements after an incident: Development of tools and procedures for quality control

- Expected Impact:
 - Short term:
 - Development, production and certification of reference materials for biological toxin determinations as a basis for strengthened validation capacities;
 - Establishment of a stepwise learning inter-laboratory programme enabling relevant laboratories to improve their analytical skills and development and testing of an European Proficiency Testing (EPT) scheme from sampling to detection;
 - Mid term:
 - Improved capabilities for the validation and testing of existing and emerging techniques, including sample preparation strategies, mobile laboratories for in-situ analyses and technical approaches for forensic analysis. Replacement of old "gold standards" employing animal experiments
 - Long term:
 - Based on the outcome of the EPT scheme, development of Standard Operational Procedures for the validation of analytical techniques, including in-situ techniques for biological toxin determinations in human specimens, environmental and food samples

Disaster Resilience, topics 2016

SEC-05-DRS-2016-2017:Chemical, biological, radiological and nuclear (CBRN) cluster

- 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
- Expected Impact:
 - Shorter time to market for novel CBRN technologies and innovations, and products of interest to more practitioners in Europe

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

Utlysningarna Webportalen

Innehåller all information om utlysningarna

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

The screenshot shows the 'Calls for Proposals' page on the European Commission's Research & Innovation Participant Portal. The page is titled 'Calls for Proposals' and features a search bar and a 'Filter' button. A list of calls is displayed, with the following details:

- Horizon 2020** (Advanced search for topics Calls for tenders on TED)
- Societal Challenges** (checked):
 - Health, demographic change and wellbeing
 - Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy
 - Secure, clean and efficient energy
 - Smart, green and integrated transport
 - Climate action, environment, resource efficiency and raw materials
 - Europe in a changing world - inclusive, innovative and reflective societies
 - Secure societies - protecting freedom and security of Europe and its citizens** (checked and circled in red)

Below the list, there are several call cards with titles and publication dates:

- Societal Challenges CRITICAL INFRASTRUCTURE PROTECTION** (H2020-CIP-2016-2017) - Publication date: 14-10-2015
- Societal Challenges SECURITY** (H2020-SEC-2016-2017) - Publication date: 14-10-2015
- Societal Challenges Digital Security Focus Area** (H2020-DS-2016-2017) - Publication date: 14-10-2015
- Societal Challenges Disaster-resilience: safeguarding and securing society, including ...** (H2020-DRS-2014-2015) - Publication date: 11-12-2013
- Societal Challenges Border Security and External Security** (H2020-BES-2014-2015) - Publication date: 11-12-2013
- Societal Challenges Fight against crime and Terrorism** (H2020-FC-2014-2015) - Publication date: 11-12-2013
- Societal Challenges Digital Security: Cybersecurity, Privacy and Trust** (H2020-DS-2014-2015) - Publication date: 11-12-2013
- Industrial Leadership** (Horizon 2020 dedicated SME Instrument Phase 1 and 2, 2014-2015) (H2020-SMEInst-2014-2015) - Publication date: 11-12-2013

At the bottom, it states: 'In addition to the search facilities, the full list of H2020 Calls can be found [here](#).'

<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