OSNOVNE INFORMACIJE O POZIVU FP7-SEC-2012-1

1) **Datum objave poziva**: 20.07.2011.
2) **Rok za prijavu projekata**: 23.11.2011. godine, do 17,00 sati po Briselskom vremenu.
3) Evaluacija: kraj evaluacije prijedloga predviđen za januar/februar 2012. godine.
4) Ukupni budžet poziva: 241,7 miliona evra.
   ▪ Indikativni budžet od 45% (varijacije moguće od 35% do 50%) za teme koje će se implementirati kroz Intergracione projekte (IP) i Demonstracione projekte.
   ▪ Indikativni budžet od 55% (varijacije moguće od 45% do 65%) za ostale teme.
5) Napomena: projektni prijedlozi ne smiju sadržavati bilo kakve povjerljive informacije!
6) Konzorcijum: zavisno od tipa finansijske šeme (CP, NoE, CSA); opšte pravilo: 3 nezavisne institucije iz 3 različite zemlje članice (MS) ili pridružene zemlje (AC), od kojih 2 ne mogu biti iz iste države.
7) Konzorcijumski sporazumi su obavezni.

Više informacija na linku:
http://ec.europa.eu/research/participants/portal/page/cooperation#sec

KLJUČNE AKTIVNOSTI

Na osnovu preporuka ESRAB-a Evropske komisije (*European Security Research Advisory Board*), usvojeno 7 ključnih **Aktivnosti za "*Bezbjednost*"**:

Oblasti sa bezbjednosnom misijom:
1) Bezbjednost i građani.
2) Bezbjednost infrastrukture i javnih dobara.
3) Obavještajni nadzor i bezbjednost granica.
4) Uspostavljanje bezbjednosti u slučajevima krize.

Međusektorske oblasti:
5) Integracija bezbjednosnih sistema, međupovezanost i međuoperabilnost.
6) Bezbjednost i društvo.
7) Koordinacija bezbjednosnih istraživanja i struktuisanje.

CILJ ISTRAŽIVANJA

Cilj istraživanja u okviru teme *Bezbjednost* jeste razviti tehnologije i znanja za izgradnju kapaciteta koji su potrebni:
1. da osiguraju bezbjednost građana od raznih prijetnji kao što je terorizam, prirodne katastrofe, i kriminal, poštujući pritom osnovna ljudska prava.
2. da osiguraju optimalnu i usaglašenu upotebu naprednih tehnologija za dobrobit sigurnosti evropskih građana.
3. da stimulišu saradnju krajnjih korisnika sa dobavljačima tehničkih rješenja za civilnu bezbjednost.
4. da unaprijede kompetitivnost evropske bezbjednosne industrije, i
5. da ponude dostupna rješenja u cilju smanjenja bezbjednosnih rizika.

SADRŽAJ POZIVA

U okviru poziva FP7-SEC-2012-1 objavljeni pozivi iz svih 7 *Aktivnosti,* sa sljedećim *Temama*:

Activity: 10.1 Increasing the Security of the Citizens
Area: 10.1.3 Explosives
Tema 1: SEC-2012.1.3-1 Less than Lethal Handling of PBIEDs[1]
Tema 2: SEC-2012.1.3-2 Home made explosives (HMEs) and recipes characterization
Area: 10.1.5 CBRN Protection
Tema 1: SEC-2012.1.5-1 CBRNE[2] Demo Phase II
Tema 2: SEC-2012.1.5-2 Improving drinking water security management and mitigation in large municipalities against major deliberate, accidental or natural CBRN-related contaminations
Tema 3: SEC-2012.1.5-3 Identification and development of low-risk alternatives to high-risk chemicals
Tema 4: SEC-2012.1.5-4 Securing the food chains from primary production and animal feeds to consumer ready food against deliberate, accidental or natural CBRN contamination
Area: 10.1.6 Information Gathering
Tema 1: SEC-2012.1.6-1 Digital, miniaturized operational tool for investigation

Activity: 10.2 Increasing the Security of infrastructures and utilities
Area: 10.2.1 Design, planning of buildings and urban areas
Tema 1: SEC-2012.2.1-1 Resilience of large scale urban built infrastructure
Tema 2: SEC-2012.2.1-2 Criticality analysis of critical infrastructure including concepts for forgery proof and efficient facility access systems
Area: 10.2.2 Energy, Transport, communication grids
Tema 1: SEC-2012.2.2-1 Identification of measures to counter illegal export of metal-bearing waste
Tema 2: SEC-2012.2.2-2 Air traffic Management/Control threat assessment model
Tema 3: SEC-2012.2.2-3 Improving security in air cargo transport
Tema 4:SEC-2012.2.2-4 A common EU aviation security requirement to reduce costs and facilitate passenger flows
Area: 10.2.3 Surveillance
Tema 1: SEC-2012.2.3-1 Early warning security systems: physical protection of critical buildings
Area: 10.2.4 Supply chain
Tema 1: SEC-2012.2.4-1 Pre-normative technology development for improved and more efficient security of the supply chain
Tema 2: SEC-2012.2.5-1 Convergence of physical and cyber security
Area: 10.2.5 CP-FP Cyber crime
Tema 1: SEC-2012.2.5-2 Cyber resilience – Secure cloud

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[1] Person-borne improvised explosive device
[2] Chemical, Biological, Radiological or Nuclear

Activity: 10.3 Intelligent surveillance and enhancing border security

Area: 10.3.1 Sea borders

Tema 1: SEC-2012.3.1-1 Increasing trustworthiness of vessel reporting systems

Tema 2: SEC-2012.3.1-2 Pre-Operational Validation (POV) at EU level of common application of Surveillance tools

Area: 10.3.4 Border checks

Tema 1: SEC-2012.3.4-1 Research on "automated" comparison of x-ray images for cargo scanning with reference material (use of historic images in an automated environment) to identify irregularities

Tema 2: SEC-2012.3.4-2 Research and validation for sub-surface fingerprint live scanners

Tema 3: SEC-2012.3.4-3 Tools and processes for assessing the impact of policies/actions on border control

Tema 4: SEC-2012.3.4-4 Innovative, costefficient and reliable technology to detect humans hidden in vehicles/closed compartments

Tema 5: SEC-2012.3.4-5 Further research, development and pilot implementation of Terahertz passive detection techniques (T-Ray)

Tema 6: SEC-2012.3.4-6 Enhancing the workflow and functionalities of Automated Border Control (ABC) gates

Area: 10.3.5 Border intelligent surveillance

Tema 1: SEC-2012.3.5-1 Development of airborne sensors and data link

Activity: 10.4 Restoring security and safety in case of crisis

Area: 10.4.1 Preparedness, prevention, mitigation and planning

Tema 1: SEC-2012.4.1-1 Preparedness for and management of large scale fires

Tema 2: SEC-2012.4.1-2 Psycho social support in Crisis Management

Tema 3: SEC-2012.4.2-1 Positioning and timing tools to guarantee security assets trace & tracking together with worker safety in a secure environment

Tema 4: SEC-2012.4.2-2 Situational awareness guidance and evacuation systems for large crowds, including crowds unpredictable behaviour

Area: 10.4.2 Response

Tema 1: SEC-2012.4.2-3 Post crisis lesson learned exercise

Area: 10.4.3 Recovery

Tema 1: SEC-2012.4.3-1 Next generation damage and post-crisis needs assessment tool for reconstruction and recovery planning

Tema 2: SEC-2012.4.4-1 Development of mobile laboratories, structures and functions to support rapid assessment of CBRN events with a cross-border or international impact

Tema 3: SEC-2012.4.4-2 Means of decontamination of large groups, urban/wide areas and large, complex and/or sensitive object

Area: 10.4.4 CBRN Response

Tema 1: SEC-2012.4.4-3 Tools for detection, traceability, triage and individual monitoring of victims after a mass contamination

Activity: 10.5 Improving security systems integration, interconnectivity and interoperability

Area: 10.5.2 Secure Communications

Tema 1: SEC-2012.5.2-1 Preparation of the next generation of PPDR communication network
Tema 2: SEC-2012.5.3-1 Embedded protection of security systems and anti-tampering technologies
Tema 3: SEC-2012.5.3-2 Establishment of a first responders platform for interoperability
Tema 4: SEC-2012.5.3-3 Establishment of a interoperability platform/centre for testing and validating decision and intelligence systems

Area: 10.5.3 Interoperability
Tema 1: SEC-2012.5.3-4 Global solution for interoperability between first responder communication systems

Activity: 10.6 Security and society

Area: 10.6.3 Foresight, scenarios and security as an evolving concept
Tema 1: SEC-2012.6.3-1 Developing an efficient and effective environmental scanning system as part of the early warning system for the detection of emerging organised crime threats
Tema 2: SEC-2012.6.3-2 Criteria for assessing and mainstreaming societal impacts of security research activities

Area: 10.6.4 Security economics
Tema 1: SEC-2012.6.4-1 Fight against corruption

Area: 10.6.5 Ethics and Justice
Tema 1: SEC-2012.6.5-1 Legitimacy and effectiveness of legal measures against security threats

Activity: 10.7 Security research coordination and structuring

Area: 10.7.2 Small and Medium Enterprises
Tema 1: SEC-2012.7.2-1 Open topic for Small and Medium Enterprises: "Advancing contemporary forensic methods and equipment"

Area: 10.7.4 Other coordination
Tema 1: SEC-2012.7.4-1 Coordination of national research programmes in the area of security research
Tema 2: SEC-2012.7.4-2 Networking of researchers for a high level multiorganisational and cross-border collaboration