

Info day FP7-SEC-2013-1 call

Wien 18.06.2012

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Research Executive Agency



FP7 Security Theme

Work Programme 2013

Time frame and budget

Evaluation Process

Call specific issues

Funding schemes

Topics

WP & SME's

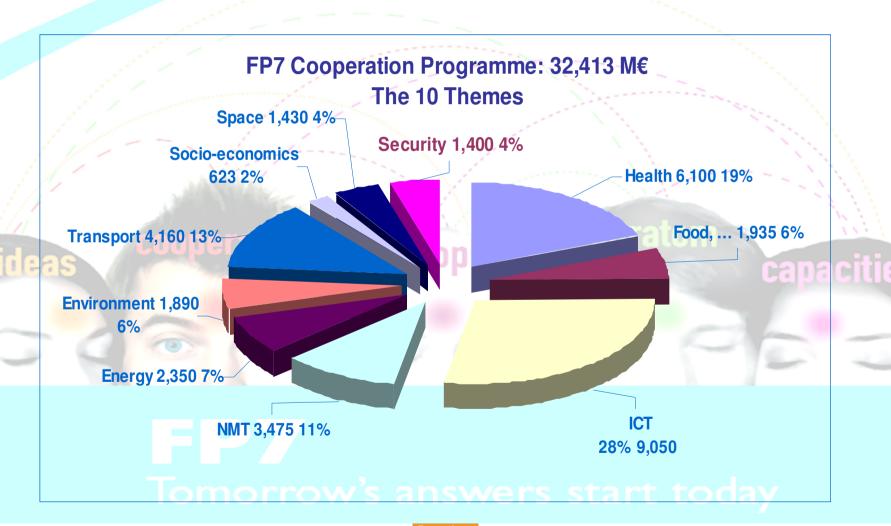
Recommendations

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FP7 Security Theme



FP7 2007-2013: Total 50,521 M€







Challenge for R&D in support to policy

Internal Security Strategy - implementation

Policy development.
COM with EEAS
Operational planning: COSI,
COM, EEAS (e.g. CSDP missions)

Threat assessment:
MS, EEAS (SitCen),
agencies

Monitoring
and evaluation:
EP, Council, COSI,

COM annual report

Today: 5-6 yrs

from definition of R&D topics to project completion.

Need to minimize this interval and synchronize with interval of policy making and implementation!

Projects should quickly
(and authoritatively) feed
the results of R&D to
policy setting:
a factor of merit to be
assessed under "Impact"

Theme 10 Security Objectives

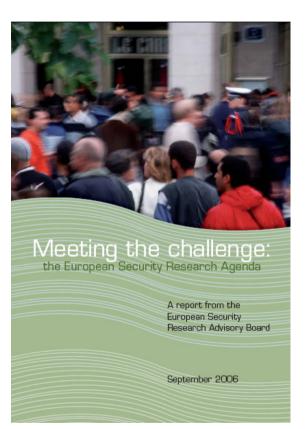


- To develop the **technologies and knowledge** for building capabilities needed to ensure the **security of citizens** from threats such as acts of **terrorist acts** and (organised) **crime**, **natural disasters** and **industrial accidents** while respecting fundamental human rights including privacy;
- To ensure optimal and concerted use of available and evolving technologies to the benefit of **civil European security**;
- To stimulate the cooperation of **providers and users** for civil security solutions;
- To improve the competitiveness of the European security industry and
- To deliver mission-oriented results to reduce security gaps.



Activities of the Security theme





Security missions / activities

- 1. Security of citizens
- 2. Security of infrastructure and utilities
- 3.Intelligent surveillance and border security
- 4. Restoring security and safety in case of crisi

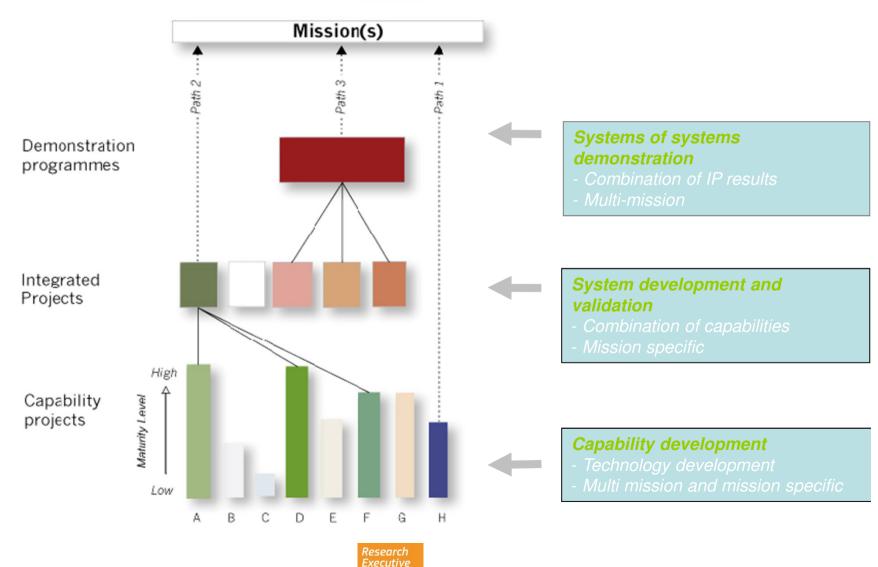
Cross cutting activities

- 5. Security systems integration, interconnectivity and interoperability
- 6. Security and Society
- 7. Security Research coordination and structuring



Research routes to meet the Security theme objectives





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Work Programme 2012



I- Introductory part: policy context and approach

II- Content of the Security Call 6

- More topics: 54

- More funding: ~299 MEUR

- All activities opened

- 2 POVs (pre-operational-validation)

- 2 SMEs open topic (bottom-up approach)

III- Implementation of the Security Call 6

IV- Other actions

V- Budget



Tentative Timeframe...



- Call publication: 10 July 2012
- REA Info-day (Brussels): 11 September 2012
- Deadline for submissions: 22 Nov 2012 at 17:00 Brussels time
- Proposals evaluation:
 - Remote: mid Dec 2012 / end Jan 2013
 - In house: end Jan 2013 / mid Feb 2013
 - Panel meeting: mid Feb 2013
 - Ethics screening: Mar 2013 / mid Apr 2013
 - Security Scrutiny: end Feb 2013 / mid May 2013
- Indicative **start of negotiations** of short listed proposals: mid-2013
- Indicative projects starting date:
 end 2013 / beginning 2014





... and Budget



Indicative Call budget: 298.7 M€*

Integration & Demonstration projects: ~45% (35-55%)

• POV (topics 3.2-1, 5.3-2): ~ 6% (0-10%)

• Other topics: ~49% (39-59%)

• International cooperation: up to ~1%

SMEs open topics 7.2-1, 7.6-1: up to ~5%

* The total budget for this call is subject to the approval of the EU budget authority



Who can participate?



- Any undertaking, university, research centre or other existing legal entity established in:
 - ✓ EU Member States (MS)
 - ✓ Associated Countries to FP7 (AC) = Iceland, Liechtenstein, Norway, Croatia, Serbia, Turkey, FYROM, Switzerland, Israel, Albania, Montenegro, Bosnia & Herzegovina, Faroe Islands, Moldova – check list on Cordis)

ftp://ftp.cordis.europa.eu/pub/fp7/docs/third-country-agreements en.doc

- If the conditions for participation are met:
 - Minimum number: at least 3 "independent" participants from 3 MS/AC (<u>Joint Research Centre</u> (JRC) as if established in another MS/AC)
 - ✓ WP 2013 **Topic 3.2-1** and **5.3-2** of POV: at least 3 independent public authorities (local, regional, national, supra-national) from 3 different MS/AC
 - ✓ Except for **Support Action:** 1 legal entity
 - ✓ NB: Always check the WP/FP and the call for proposal
- International organisations and participants from third countries can participate only in addition to the above set minima



Eligibility for funding



- Legal entities from MS and AC or created under EU law (and JRC)
- International organisations of European interest
- Legal entities established in International Cooperation Partner Countries
 (ICPC see list on Annex I to the WP)
 ftp://ftp.cordis.europa.eu/pub/fp7/docs/wp/cooperation/cooperation-general-annexes201101 en.pdf
- International organisations and legal entities from third countries other than AC or ICPC (**high income level countries**) may be funded only if:
 - ✓ EU contribution is **essential to carry out the action** (to be explained in the proposal, unique expertise and no alternative funds sources) or
 - ✓ Provision is made to that effect in the Work Programme or in the call for proposals or
 - ✓ Such funding is provided for in a **bilateral scientific/tech. agreement** between EU and the third country (not applicable for call 2013)



Overview of the Evaluation Process Tentative European Commission **Briefing 5 = 7** 20 Feb 2013 13 December Individual **Panel** → Finalisation **Submission** Consensus evaluation Final ranking **Evaluators Evaluators Evaluators** list **Full Proposal ESR** Criteria CR **Rejection list** Proposals in **Proposal** Criteria Criteria May - July suggested forms priority order Info-letter W1: 28 Jan-1 Feb **Eligibility** W2: 4-8 Feb 14 Dec-21 Jan Ethical & Redress Security W3: 11-15 Feb Call publication: Screening Scrutiny 10 July 2012 **IER Hearings** Deadline: Individual Individual 22 November Consensus Consensus 18-19 Febarch Mar - Apr Feb - May Agency

Eligibility checks



- 1- **Receipt of proposal** by REA before the deadline **date** and **time** established in the call
- 2- Minimum conditions:
 - ✓ number of participants as set out in WP
 (Only information provided in part A will be used to determine whether the proposal is eligible with respect to the minimum number of eligible participants)
 - ✓ Budget: NO eligibility criteria in 2013 call
- **3- Completeness of proposal**
 - ✓ Presence of all requested administrative forms (Part A) and the content description (Part B)
 - ✓ Part B of the proposal shall be readable, accessible and printable.
- 4- **In scope** of the call: the content of the proposal must match to the topic(s) and funding scheme(s) set out in that part of the work programme open in the call. A proposal will only be deemed ineligible on grounds of "scope" in clear-cut cases.
- 5- Proposals containing any **classified information** shall be declared **ineligible**.

If the question of eligibility is not clear-cut:

Eligibility review committee





WP Specific issues (1)



Multidisciplinary and mission-oriented Up to 75% funding (just for the Security research)

EU funding for <u>research activities</u> of industrial participants may reach a maximum of 75%:

- very limited market size <u>and</u> a risk of 'market failure',
- <u>and</u> for accelerated equipment development in response to new threats.
- Applicants <u>need to demonstrate</u> this requirement in their proposal



WP Specific issues (2)

Active involvement of <u>end</u> <u>users</u> is considered of utmost importance:

- Direct participation of user organisations implementing research actions
- Other forms of indirect participation might also be followed

Networks of security research stakeholders are **key in disseminating results** to end users, national public authorities and citizens



WP Specific issues (3)



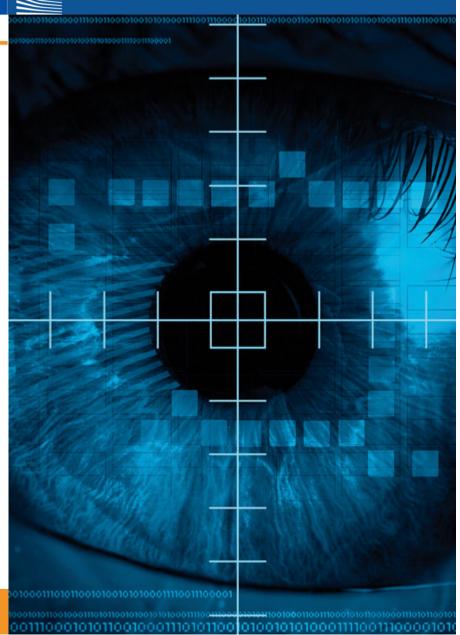
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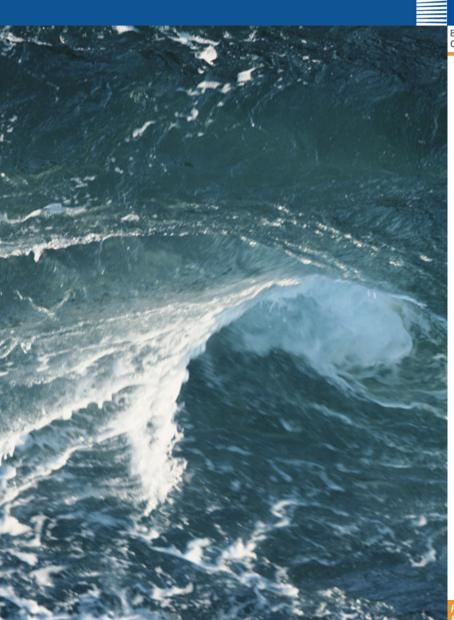
The broad **involvement of SMEs** in consortia is highly encouraged

- explicitly mentioned in the description of the topics
- SMEs open topics
 - 7.2-1: Solutions for frequent petty crimes
 - 7.6-1: Serious gaming to improve intelligence analysis

Sensitive activities and information

- not in the proposal
- provisions must be foreseen for use of classified background or production of classified foreground if relevant





WP Specific issues (4)

Societal impact of the proposed technologies must be addressed

NEW: Societal checklist!!

Ensuring security research:

- √meets the needs of society
- **√**benefits society
- √does not have negative impacts on society

Dual use technologies (both civilian and defence applications) might be covered (EDA coord)

Standards are crucial for interoperability

Concrete achievements are strongly encouraged (expected impact)

Ethical issues are essential in the core of the project development

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WP Specific issues (5)



- All actions are open to international cooperation also of high level income countries. The proposal shall clearly explain how far the contribution is essential in order to better assess their potential co-funding
- Topic 2.4-1 is earmarked for enhanced international cooperation through a recommended participation of internal cooperation countries (INCO), EU financial contribution is thus specifically foreseen. Follow-up to discussion with international research partners and US Homeland Security Research Dept

General principles:

- co-financing
- non-profit (reimbursement of costs)
- no overcompensation of costs
- no double funding





Ethics in Security research



Privacy and data protection

- Health information
- Criminal justice
- Financial information
- Genetic information
- Location information
- Cultural information

- **Dual use** Direct military use
 - Research having a potential for terrorist abuse

Human data collection, tests

- Are humans part of test or demonstration?
- Are personal data stored and processed to avoid reconciliation of data with identity?
- Is there any tracking of people?
- Is informed consent mentioned?





Surveille Ethics Advisory Service



NEW!

- For individual companies, research consortia, and projects
- Objective, confidential, constructive and free advice on ethical issues arising from technology research and development
- Delivered by experts in security and technology ethics
- Launches Autumn 2012. To register an expression of interest please visit our website

www.surveilleadvisoryservice.eu



Funding schemes (1)



Collaborative projects:

- Small and medium-scale focused research projects (CP-FP):
 - Capability Projects
 - indicative EU funding ~ 3.5M€ (No eligibility criteria)
- Large-scale integrating projects (CP-IP):
 - Demo Projects II & Integration projects
 - indicative EU funding >3.5M€ (No eligibility criteria)

CPs to be as small and simple as possible and as large as necessary





Demonstration Phase II projects



Large Demonstrators

- **✓ Maritime Border Security**
- ✓ Security of Mass Transportation
- ✓ CBRNE
- √ Supply Chain & Logistics
 - Topic SEC-2013.2.4-1 Phase II demonstration programme on logistics and supply chain security
- ✓ Crisis management
 - Topic SEC-2013.4.1-1 Phase II demonstration programme on aftermath crisis management

Funding schemes (2)



Coordination and Support actions (No research):

- CA (or networking): Coordinating research activities and policies
- **SA**: Contributing to the implementation of the FPs and to prepare future EU RTD policy or the development of synergies with other policies, or to stimulate, encourage and facilitate the participation of SMEs, civil society organisations and their networks, or small research teams and newly developed or remote research centres in the activities of the thematic areas of the Cooperation programme.
- normally focus on one specific activity and often one specific event
- **Core activities**: studies, networking, exchanges of personnel, exchange and dissemination of good practices, the definition and organisation of joint or common initiatives, meetings, conferences and events etc. and the management of the action

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Funding schemes (summary)



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Euro	pean
Com	miccion

Funding scheme		Typical funding	Typical duration (Years)	Activities
	Capability projects	~ 3,5M€	2-4	small or medium-scale focused research project (CP-FP)
Collaborative Project	Integration projects	>3,5M€	3-4	large scale integrating project (CP-IP)
	Demo Phase II projects	~ 20 M€	3- 4	large scale systems of systems demonstrations
Coordination and support actions	Demo Phase I Projects	~ 1 M€	1	strategic roadmaps
	CSA	0,5-1 M€	0,5-3	 - CA: coordinating research activities and policies - SA: contributing to the implementation of the FP and to prepare future research policy
Networks of Excellence	NoE			stakeholders combination/integration of activities/capacities in a given field, JPA

Demonstration Programme



CP-CSA Pre Operational Validation (POV)



- POV differs from and complement the other projects, by involving directly and supporting financially **end-user agencies** (national/European authorities)
- To support the demand side of research, rather than the supply side, in their direct quest for new security solutions.
- Funding purposes:
 - (i) the coordination of relevant institutions or authorities, acting as certifiers of new technologies (**100% support**) implemented via CSA; and
 - (ii) the actual implementation of the corresponding **calls for tenders** (**50% support**), for testing/validation of novel security solutions (implemented according to the own criteria and specifications of the participating institutions or authorities) implemented via CP.
- Funding scheme: a combination of CSA (for coordination of validation policies) and CP (for implementation of testing and validation)
- 2 topics:

- ✓ Topic SEC-2013.3.2-1 Pre-Operational Validation (POV) on land borders
- ✓ Topic SEC-2013.5.3-2 Testing the interoperability of maritime surveillance systems



FP7-SEC-2013: Topics



,	
Activity	N
1- Security of the Citizens	10
2- Security of infrastructures and utilities	13
3- Intelligent surveillance & border security	6
4- Restoring security and safety in crisis	9
5- Security systems integration, interconnectivity and interoperability	5
6- Security and society	7
7- Security research coordination and structuring	4

Orientation paper with topics published in the **participant portal** under

FP7_Documentation

Funding Scheme	N	Activity
CP-IP	13	1,2,3,4&5
CP-FP	26	All
CSA	11	1,2,3,4,6&7
CP-FP/CSA	2	2&6
CP-CSA	2	3&5
NoE	0	



Activity: 10.1 Increasing the Security of the Citizens



SEC-2013.1.1-1 Serious organised economic crime

- SEC-2013.1.1-2 "Stronger Identity for EU citizens"
- SEC-2013.1.3-1 Inhibiting the use of explosives precursors
- SEC-2013.1.4-1 Smart and protective clothing for law enforcement and first responders
- SEC-2013.1.4-2 Development of a Common European Framework for the application of new technologies in the collection and use of evidence
- SEC-2013.1.5-1 European toolbox, focusing on procedures, practices and guidelines for CBRN forensic aspects
- SEC-2013.1.6-1 Framework and tools for (semi-) automated exploitation of massive amounts of digital data for forensic purposes
- SEC-2013.1.6-2 Novel technologies and management solutions for protection of crowds
- SEC-2013-1.6-3 Surveillance of wide zones: from detection to alert
- SEC-2013-1.6-4 Information Exploitation



Activity: 10.2 Security of infrastructures and utilities



SEC-2013.2.1-1 Evidence based and integral security concepts for government asset protection

- SEC-2013.2.1-2 Impact of extreme weather on critical infrastructure
- SEC-2013.2.2-1 A research agenda for security issues on land transport
- SEC-2013.2.2-2 Toolbox for pandemics or highly dangerous pathogens in transport hubs
 Capability Project
- SEC-2013.2.2-3 Protection of smart energy grids against cyber attacks
- SEC-2013.2.2-4 Cost effectiveness of security measures applied to renewable/distributed energy production and distribution
- SEC-2013.2.2-5 Security of ground based infrastructure and assets operating space systems
- SEC-2013.2.4-1 Phase II demonstration programme on logistics and supply chain security
- SEC-2013.2.4-2 Non-military protection measures for merchant shipping against piracy
- SEC-2013.2.5-1 Developing a Cyber crime and cyber terrorism research agenda
- SEC-2013.2.5-2 Understanding the economic impacts of Cyber crime in non-ICT sectors across jurisdictions
- SEC-2013.2.5-3 Pan European detection and management of incidents/attacks on critical infrastructures in sectors other than the ICT sector (i.e. energy, transport, finance, etc)
- SEC-2013.2.5-4 Protection systems for utility networks



Activity: 10.3 Intelligent surveillance and border security

SEC-2013.3.2-1 Pre-Operational Validation (POV) on land borders

- SEC-2013.3.2-2 Sensor technology for under foliage detection
- SEC-2013.3.2-3 Mobile equipment at the land border crossing points
- SEC-2013.3.4-1 Border checkpoints hidden human detection
- SEC-2013.3.4-2 Extended border security passport breeder document security
- SEC-2013.3.4-3 Security checks versus risk at borders



Activity: 10.4 Restoring security and safety in case of crisis

SEC-2013.4.1-1 Phase II demonstration programme on aftermath crisis management

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- SEC-2013.4.1-2 Better understanding of the cascading effect in crisis situations in order to improve future response and preparedness and contribute to lower damages and other unfortunate consequences
- SEC-2013.4.1-3 Development of simulation models and tools for optimising the predeployment and deployment of resources and the supply chain in external emergency situations
- SEC-2013.4.1-4 Development of decision support tools for improving preparedness and response of Health Services involved in emergency situations
- SEC-2013.4.1-5 Preparing societies to cope with large scale and/or cross border crisis and disasters
- SEC-2013.4.1-6 Preparedness for and management of large scale forest fires
- SEC-2013.4.2-1 Fast rescue of disaster surviving victims: Simulation of and situation awareness during structural collapses including detection of survivors and survival spaces
- SEC-2013.4.3-1 Shaping immediate relief action in line with the goals of development co-operation in post crisis / post conflict societies to maintain stability
- SEC-2013.4.4-1 Tools for detection, traceability, triage and individual monitoring of victims after a mass CBRN contamination



Activity: 10.5 Security systems integration, interconnectivity and interoperability

SEC-2013.5.1-1 Analysis and identification of security systems and data set used by first responders and police authorities

- SEC-2013.5.1-2 Audio and voice analysis, speaker identification for security applications
- SEC-2013.5.3-1 Definition of interoperability specifications for information and meta-data exchange amongst sensors and control systems
- SEC-2013.5.3-2 Testing the interoperability of maritime surveillance systems
- SEC-2013.5.4-1 Evaluation and certification schemes for security products



Activity: 10.6 Security and society



SEC-2013.6.1-1 The impact of social media in emergencies

- SEC-2013.6.1-2 Varying forms of terrorism
- SEC-2013.6.1-3 Trafficking in Human Beings: analysis of criminal networks for more effective counter-trafficking
- SEC-2013.6.2-1 Facilitators for assistance among EU Member States in emergencies at home and abroad
- SEC-2013.6.3-1 Horizon scanning and foresight for security research and innovation
- SEC-2013.6.3-2 The evolving concept of security
- SEC-2013.6.5-1 Synthesis of results and reviewing of ethics, legal and justice activities in Security research in FP7





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- SEC-2013.7.2-1 Open topic for Small and Medium Enterprises:
 "Solutions for frequent petty crimes that are of high impact to local communities and citizens"
- SEC-2013.7.3-1 Increasing the engagement of civil society in security research
- SEC-2013.7.4-1 Trans-national cooperation among public security research stakeholders
- SEC-2013.7.6-1 Open topic for Small and Medium Enterprises: "Use of serious gaming in order to improve intelligence analysis by law enforcement agents"



WP & SME's





- The broad involvement of **SMEs** in consortia is highly encouraged.
- ✓ Topics concerned by this specific action are explicitly mentioned in the description of the topics
- ✓ Moreover, in order to further promote the participation of SMEs in the Security theme, two open topics for SMEs have been included in part II of this Work Programme.





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"Proposers for these topics should look for an enhanced SME participation as described in Part 1 of the Work Programme"

- **Topic SEC-2013.1.6-1** Framework and tools for (semi-) automated exploitation of massive amounts of digital data for forensic purposes (CP-IP)
- Topic SEC-2013.3.2-3 Mobile equipment at the land border crossing points (CP-FP)
- **Topic SEC-2013.4.1-4** Development of decision support tools for improving preparedness and response of Health Services involved in emergency situations (CP-FP)
- **Topic SEC-2013.4.2-1** Fast rescue of disaster surviving victims: Simulation of and situation awareness during structural collapses including detection of survivors and survival spaces (CP-IP)
- **Topic SEC-2013.5.1-2** Audio and voice analysis, speaker identification for security applications (CP-IP)
- Topic SEC-2013.6.1-1 The impact of social media in emergencies (CP-FP)

In addition...

• Topic SEC-2013.2.4-1 Phase II demonstration programme on logistics and supply chain security:

"The valuable participation of qualified research performing SMEs shall be considered as a factor of merit of the proposal."



Two open topics for SME's (1) European Commission

For each project/consortium, the following recommendations apply:

- at least 50% of the EU funding should go to eligible SMEs;
- small-sized projects are encouraged (up to € 1.5 million EC Funding);
- the project duration should be up to 2 years;
- small consortia (3-7 partners) are encouraged;
- **SME coordinators** are encouraged but they are by no means mandatory lack of prior FP7 experience should not be seen as a handicap for an SME coordinator; and
- at least one end-user should be included in the consortium.





Topic SEC-2013.7.2-1 Open topic for Small and Medium Enterprises: "**Solutions** for frequent petty crimes that are of high impact to local communities and citizens" – (CP-FP)

- Aim: improve security in local communities and for citizens.
- Should address: insecurities towards local communities (Citizens & Business).
- Should **identify** and then look into **solutions** for <u>frequent but low-intensity</u> sources of insecurity having high impact on C&C.
- Innovative research and development work, leading to low cost technology based solutions, meeting the needs and financial expectations of C&C. The cost to benefit ratio of the proposed solution should be analysed against the impact of the threats.
- Indicative research areas could be for instance:
- 1. to develop new technologies/methods to protect local business and/or citizens from theft and/or extortion and/or fraud;
- 2. to develop new technologies/methods for the general protection of citizens from physical violence;
- 3. to develop a technology method for the general protection of private and public properties against vandalism (e.g. train/subway stations, facades/walls, cars, etc.); and
- 4. any other field relevant for frequent in-security situations that are of high impact to local community businesses and citizens.





Topic SEC-2013.7.2-1 Open topic for Small and Medium Enterprises: "**Solutions** for frequent petty crimes that are of high impact to local communities and citizens" – (CP-FP)

- Projects with strong SME participation (led by SMEs).
- May also support the acquisition of technologies / knowledge needed for SMEs (bringing together SMEs with the researcher community that are typically out of the reach of SMEs)
- Help SMEs providing real solutions for real issues.

Expected Impact:

Innovative low cost solutions will be developed that reduce crime against local communities, businesses and citizens.

Should be leading to demonstrable positive impacts.

These solutions should offer the prospect of **export of goods/services** from the EU to global markets.





Topic SEC-2013.7.6-1 Open topic for Small and Medium Enterprises: "Use of serious gaming in order to improve intelligence analysis by law enforcement agents" – (CP-FP)

- To improve the creative, reasoning skills and reflexes of the law enforcement agents.
- Objective: to develop gaming solutions that address the requirements of the civil security intelligence analysis community.
- Research is required in two stages:
 - 1. to capture the way analysts have to think, using both deduction and induction, and exploiting fully their skills, knowledge, experience and creativity.
 - 2. research must develop new approaches on how technology can support training and development. Must consider the psychological, behavioural, technical and pedagogical issues in order to develop innovative training approaches, processes, procedures and methodologies.

Expected impact:

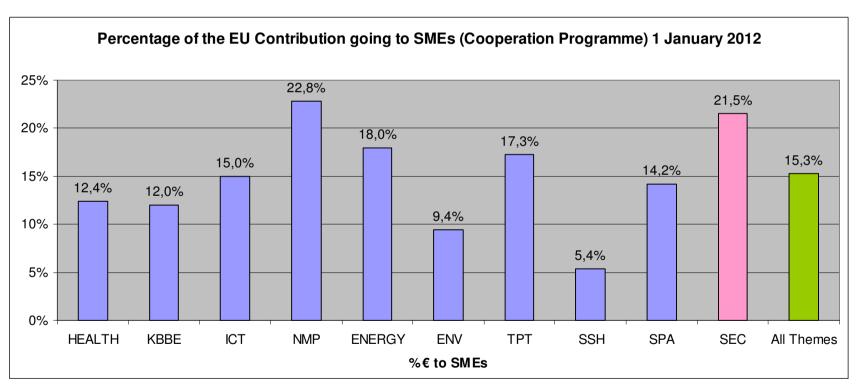
- Objective: to develop solutions that address the requirements of the civil security intelligence analysis community.
- Research beyond E-learning and already existing virtual classroom.
- SMEs will play a more active role in the development of new innovative technologies or services in the serious gaming area.



SMEs' Funding in Security Research



Eighth Progress Report on SMEs' participation in FP7: 2007 – 2011 (1 February 2012)







- Follow the <u>FP7 guides</u> (definition of the funding schemes, scope of topics, eligibility rules, etc)
- Be aware of the 3 "evaluation criteria" and sub-criteria by funding scheme:
 - ✓ Scientific and technical quality
 - **✓** Implementation
 - **√Impact**
- Foresee the take up of the results of your research
 - Describe the perspective of a wider and general <u>use of</u> <u>expected results</u>





- Address <u>ethical</u>, <u>societal and sensitiveness</u> issues within the proposal
- Justify the real <u>innovative aspects</u> (Incremental versus breakthrough)
- The <u>size</u> of projects and of consortia should be the result of the intended project objectives and not the other way round!
- Clearly explain/justify the project <u>budget</u>
- Within the <u>partnership</u> look for the right expertise needed for reaching the proposal objectives: end users, private and public, academia, industry, SMEs, etc:
 - ✓ Avoid "sleeping" partners without real contribution,

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- ✓ Avoid redundant partnerships,
- ✓ But ... the involvement of <u>SMEs</u> and relevant <u>End Users</u> is encouraged!

Recommendations (3) European Commission

- Present an overall vision of <u>market deployment</u>
- Check/link the project with relevant ongoing or finished EU/international research projects
- Clearly present the state of the art!
- Proof-read your proposal by a 'neutral' person
- Make the reading of an evaluator easy:
 - ✓ Use a simple and clear language
 - ✓ Be short and concise
 - ✓ Clearly define objectives, milestones and deliverables
 - **✓** Use tables and graphs, etc
- Respect the <u>page limits</u>: Applicants must ensure that proposals conform to the page limits and layout given in the GfA
 - ... And do not leave the proposal submission to the last minute!



From Calls to Projects



Call1 (2007-2008)	156 million €	48 projects
Joint Call SEC-INFSO	20 million €	9 projects
Call 2 (2009)	117 million €	32 projects
Call 3 (2010)	209 million €	42 projects
Call 4 (2011)	221 million €	54 projects
Call 5 (2012)	241 million €	~ 56 projects
Call 6 (2013)	300 million €	

Projects' description available on:

http://cordis.europa.eu/fp7/security/projects_en.html

ftp://ftp.cordis.europa.eu/pub/fp7/security/docs/securityresearch catalog ue2010 2 en.pdf

http://cordis.europa.eu/fp7/security/fp7-project-leaflets en.html







Further information

Security Research <u>Info-Day</u> on 11 September 2012 in Brussels

Participants portal:

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

- Work Programme
- Call for proposals
- Guide for applicants etc.

REA: http://ec.europa.eu/research/rea/

REA-security-research@ec.europa.eu

DG ENTR: http://ec.europa.eu/enterprise/security/index_en.htm

entr-security-research@ec.europa.eu

Helpdesk Centralised FP7 Enquiries Service:

http://ec.europa.eu/research/enquiries

National Contact Points:

http://cordis.europa.eu/fp7/ncp_en.html http://www.seren-project.eu

Security projects on CORDIS:

http://cordis.europa.eu/fp7/security/projects en.html

