

Call title: Security call 4

- Call identifier: FP7-SEC-2011-1
- Date of publication: 20 July 2010
- Deadline: 2 December 2010 at 17.00.00, Brussels local time¹
- Indicative budget: Total call budget **EUR 221.43 million**²
 - An indicative **45%** (deviation possible from 35% to 55%) of the budget for topics to be implemented through **Integration Projects** (Topics 1.3-3, 2.2-1, 2.4-1, 3.4-1, 4.1-1, 4.2-2 and 4.2-3).
 - An indicative **55%** (deviation possible from 45% to 65%) of the budget for the other topics.
 - Within the above indicative limits, up to 3% can be used for *international co-operation*, and up to 3% can be used for *ERA-NET*.
 - The final total budget awarded to this call, following the evaluation of proposals, may vary by up to 10% of the total value of the call.

- **Topics called:**

Activity/ Area	Topics called	Funding Schemes
Activity: 10.1 Increasing the Security of the Citizens		
Area: 10.1.1 Organised crime	SEC-2011.1.1-1 Digital forensic - Capability Project	CP-FP
Area: 10.1.2 Intelligence against terrorism	SEC-2011.1.2-1 Strategies for countering a terrorist attack in an urban environment – Capability Project	CP-FP
Area: 10.1.3 Explosives	SEC-2011.1.3-1 Improvised Explosive Device (IED) neutralisation in urban / civil environment - Capability Project	CP-FP
	SEC-2011.1.3-2 Forensic analysis of an explosion or an unexploded IED- Capability Project	
	SEC-2011.1.3-3 Comprehensive toolbox for humanitarian clearing of large civil areas from anti-personal landmines and cluster munitions - Integration Project	CP-IP
Area: 10.1.4 Ordinary Crime and Forensic	SEC-2011.1.4-1 Understanding of unintended consequences of global illicit-drug control measures – Capability Project	CP-FP
	SEC-2011.1.4-2 Innovative techniques for safe external control of non cooperative vehicles – Capability Project	
	SEC-2011.1.4-3 Advanced forensic framework - Coordination and Support Action	Coordination and Support Action
Area: 10.1.5 CBRN Protection	SEC-2011.1.5-1 Development of detection capabilities of difficult to detect radioactive sources and nuclear materials - Capability Project	CP-FP
	SEC-2011.1.5-2 Identification and Development of low-risk alternatives to high-risk chemicals – Capability Project or Support Action	CP-FP and Support Action

¹ The Director-General responsible may delay this deadline by up to two months.

² Under the condition that the draft budget for 2011 is adopted without modifications by the budget authority.

	SEC-2011.1.5-3 Development of improved forensic tools applied to radiological contaminations – Capability Project	CP-FP
Activity: 10.2 Increasing the Security of infrastructures and utilities		
Area: 10.2.1 Design, planning of buildings and urban areas	none	
Area: 10.2.2 Energy, Transport, communication grids	SEC-2011.2.2-1 Airport checkpoints - Integration Project	CP-IP
	SEC-2011.2.2-2 Protection of Critical Infrastructure (structures, platforms and networks) against Electromagnetic Attacks - Capability Project	CP-FP
Area: 10.2.3 Surveillance	none	
Area: 10.2.4 Supply chain	SEC-2011.2.4-1 International postal supply chains - Integration Project	CP-IP
Area: 10.2.5 Cyber crime	SEC-2011.2.5-1 Cyber attacks against critical infrastructures - Capability Project	CP-FP
Activity: 10.3 Intelligent surveillance and enhancing border security		
Area: 10.3.1 Sea borders	none	
Area: 10.3.2 Land borders	none	
Area: 10.3.3 Air borders	none	
Area: 10.3.4 Border checks	SEC-2011.3.4-1 Security of biometric data and travel documents – Integration Project	CP-IP
	SEC-2011.3.4-2 “Artificial sniffer”- Capability Project	CP-FP
	SEC-2011.3.4-3 Border crossing points of the future - Capability Project	
Area: 10.3.5 Border intelligent surveillance	none	
Activity: 10.4 Restoring security and safety in case of crisis		
Area: 10.4.1 Preparedness, prevention, mitigation and planning	SEC-2011.4.1-1 Crisis management modelling tool - Integration Project	CP-IP
	SEC-2011.4.1-2 Psycho social support of Crisis Management – Capability Project	CP-FP
Area: 10.4.2 Response	SEC-2011.4.2-1 Post crisis lesson learned exercise – Capability Project or Coordination and Support Action	CP-FP or Coordination and Support Action
	SEC-2011.4.2-2 Unmanned search and rescue solutions – Integration Project	CP-IP
	SEC-2011.4.2-3 Rapid deployment of shelters, facilities and medical care resources following a major disaster - Integration Project	
	SEC-2011.4.2-4 Enhancing crisis response abilities of the public – Coordination and Support Action	Coordination and Support Action
Area: 10.4.3 Recovery	none	
Area: 10.4.4 CBRN response	SEC-2011.4.4-1 CBRN individual Protective Clothing - Capability Project	CP-FP
Activity: 10.5 Improving security systems integration, interconnectivity and interoperability		
Area: 10.5.1 Information Management	SEC-2011.5.1-1 Evaluation of identification technologies, including Biometrics	CP-FP or Coordination and Support Action
Area: 10.5.2 Secure	SEC-2011.5.2-1 Technical solutions for	CP-FP

Communications	interoperability between first responder communication systems - Capability Project	
Area: 10.5.3 Interoperability	SEC-2011.5.3-1 Establishment of a first responders Platform for interoperability	Coordination and Support Action
	SEC-2011.5.3-2 Operational data exchange	CP-FP or Coordination and Support Action
	SEC-2011.5.3-3 Developing interoperability frameworks for mission-oriented security systems	CP-FP or Coordination and Support Action
	SEC-2011.5.3-4 Video archive search - Capability Project	CP-FP
Area: 10.5.4 Standardisation	SEC-2011.5.4-1 Towards standardisation of CBRN detection and identification	Coordination and Support Action
Activity: 10.6 Security and society		
Area: 10.6.1 Citizens, media and security	SEC-2011.6.1-1 Analysis of the security systems in Europe	Coordination and Support Action
	SEC-2011.6.1-2 Protection of European citizens abroad	Coordination and Support Action
	SEC-2011.6.1-3 Signs of 'early warning' to detect trends and weak signals in social polarisation, violent radicalisation development and segregation	CP-FP or Coordination and Support Action
	SEC-2011.6.1-4 Reduction of the cognitive biases in intelligence analysis	
	SEC-2011.6.1-5 Surveillance and the challenges for the security of the citizen (topic coordinated with the SSH theme) ³	
Area: 10.6.2 Organisational structure and cultures of public users	SEC-2011.6.2-1 Best practices for enhancing security policy in urban zones	CP-FP or Coordination and Support Action
Area: 10.6.3 Foresight, scenarios and security as an evolving concept	SEC-2011.6.3-1 Assessing trends and threats in a society	CP-FP or Coordination and Support Action
Area: 10.6.4 Security economics	SEC-2011.6.4-1 Develop socio-economic methodologies which can be adapted to different missions in security research	CP-FP or Coordination and Support Action
Area: 10.6.5 Ethics and justice	SEC-2011.6.5-1 Conflict resolution and mediation	CP-FP or Coordination and Support Action
	SEC-2011.6.5-2 The relationship between Human privacy and security	CP-FP or Coordination and Support Action
Activity: 10.7 Security research coordination and structuring		
Area: 10.7.1 ERA-Net	SEC-2011.7.1-1 Co-ordination of national research programmes in the area of Security research (ERA-NET)	Coordination and Support Action
Area: 10.7.2 Small and Medium Enterprises	SEC-2011.7.2-1 Effective approach between end-users and SMEs	Coordination and Support Action
Area: 10.7.3 Studies	none	
Area: 10.7.4	SEC-2011.7.4-1 Networking of researchers for a high	Network of excellence

³ The implementation of this topic is coordinated with the SSH theme. When applying for this topic, please also consult topic SSH.2011.5.1-2 Surveillance and the challenges for democracy and an open society of the 2011 SSH Work Programme.

Other coordination	level multi-organisational and cross-border collaboration	
Area: 10.7.5 End users	SEC-2011.7.5-1 Innovation and research within security organisations	CP-FP or Coordination and Support Action
	SEC-2011.7.5-2 Definition of requirements by civil Security end-users for large air transport systems	CP-FP or Coordination and Support Action
Area: 10.7.6 Training	SEC-2011.7.6-1 Development of a European training curriculum for international crisis management	CP-FP or Coordination and Support Action

• **Eligibility conditions**

The general eligibility criteria, as set out in Annex 2 to the work programme, and in the guide for applicants, apply to all topics of this call. Please note that the completeness criterion also includes that part B of the proposal shall be readable, accessible and printable.

Only information provided in part A of the proposal will be used to determine whether the proposal is eligible with respect to budget thresholds and/or minimum number of eligible participants.

The standard minimum number of participating legal entities for all funding schemes are used in this call, in line with the Rules for Participation and in the below format:

Funding scheme	Minimum conditions
Collaborative projects	At least 3 independent legal entities, each of which is established in a MS or AC, and no 2 of which are established in the same MS or AC
Network of Excellence	At least 3 independent legal entities, each of which is established in a MS or AC, and no 2 of which are established in the same MS or AC
Coordination and Support Actions (coordinating action)	At least 3 independent legal entities, each of which is established in a MS or AC, and no 2 of which are established in the same MS or AC
Coordination and Support Actions (supporting action)	At least 1 independent legal entity

Additional eligibility criterion

- The following budgetary thresholds are applied as eligibility criteria: Collaborative Projects in this work programme are divided into a) small or medium-scale focused research project (CP-FP) with requested funding of EUR 3 500 000 and below, and b) large scale integrating project (CP-IP) with EU requested funding of over EUR 3 500 000.

- Proposals containing any classified information shall be declared ineligible.

Specific Eligibility Criteria for ERA-NET proposals (topic SEC-2011.7.1-1)

The aim of ERA-NET actions is to network research programmes carried out at national or regional level, with a view to their mutual opening and the development and implementation of joint activities. Such programmes shall have all of the following characteristics:

- Be strategically planned (i.e. be composed of a number of research projects focused on a defined subject area or set of problems, that are scheduled to run for a set period of time and that have a co-ordinated management).
- Be carried out at national or regional level.
- Be either financed or managed directly by national or regional public bodies, or by structures (e.g. agencies) closely related to, or mandated by, public authorities.

The minimum number of participants in an ERA-NET consortium is **3 independent legal entities** which finance or manage publicly funded national or regional programmes. **Each of these must be established in a different Member State or Associated Country.**

Partners for ERA-NET actions eligible to satisfy the above condition are:

- Programme owners: typically national ministries/regional authorities responsible for defining, financing or managing research programmes carried out at national or regional level.
- Programme 'managers' (such as research councils or funding agencies) or other national or regional organisations that *implement* research programmes under the supervision of the programme owners.
- Programme owners (typically national ministries/regional authorities) which do not have a running or fully fledged research programme at the moment of submitting an ERA-NET proposal, but which are planning, and have committed, to set up such a programme, are also eligible if their participation is well justified and adds value to the overall programme coordination. As such, countries or regions which have less diverse research programmes (in particular new Member States and candidate Associated Countries) will find their involvement in the ERA-NET scheme greatly facilitated.

Please note that research organisations or universities which are not programme owners or managers are not eligible partners for ERA-NET actions.

In addition to the minimum number of independent legal entities mentioned above, private legal entities (e.g. charities) which manage research programmes may enter the consortium if their participation is well justified and adds value to the overall programme coordination.

Sole participants (as referred to in Article 10 of the Rules for Participation) may be eligible if the above-mentioned specific criteria for eligible ERA-NET partners are respected. A sole participant shall explicitly indicate which of its 'members' forming a sole legal entity is either a programme owner or programme manager in the proposed action and indicate for these members, the respective national/regional programmes which are at the disposal of the proposed ERA-NET action.

- **Evaluation procedure:**

The evaluation criteria and scoring scheme are set out in Annex 2 to the work programme.

Proposal page limits: Applicants must ensure that proposals conform to the page limits and layout given in the Guide for Applicants, and in the proposal part B template available through the EPSS. The Commission will instruct the experts to disregard any pages

exceeding these limits. The minimum font size allowed is 11 points. The page size is A4, and all margins (top, bottom, left, right) should be at least 15 mm (not including any footers or headers).

A one-stage submission procedure will be followed.

Proposals will be evaluated in a single-step procedure.

Proposals may be evaluated remotely.

- **Indicative timetable:** This call in 2010 invites proposals to be funded in 2011. Evaluations of proposals are expected to be carried out in January/February 2011. It is expected that the grant agreement negotiations for the short listed proposals will be opened in the first half of 2011.
- **Consortia agreements** are required for *all* actions.
- **Particular requirements for participation, evaluation and implementation:**

Classified Information

Proposals must not contain any *classified information* (note that the proposed action itself *can* involve classified information). If classified inputs are required to carry out a proposed action or the output of the action needs to be classified, proposers have to ensure the following:

- provide evidence of the *clearance of all relevant facilities*;
- clarify issues such as e.g. access to classified information or export or transfer control with the National Security Authorities (NSA) of their Member States / Associated Countries, and provide evidence of the *prior agreement* of their NSAs;
- provide a *Security Aspect Letter* (SAL), indicating the levels of classification required at deliverables/partners level.

Absence of any of these elements may lead the Commission to decide not to proceed to negotiation of a grant agreement even if the proposal is evaluated positively. Furthermore, appropriate arrangements have to be included in the consortium agreement.

If the proposal is evaluated positively and invited for the negotiation, a definitive version of the SAL and of the SCG will be annexed to the Description of Work and must be worked out during negotiations. Special clauses will be introduced in the Grant Agreement. National security authorities will be consulted after the evaluation and before the negotiation through their representatives in the Security Assessment ad-hoc group from the Security Programme Committee. They will have the possibility to make recommendations regarding 'classified information' issues to be taken into account during the negotiation.

For projects based on proposals which did not contain SAL but that have been subject to security recommendations following the above procedure, a SAL and its SCG annex could be required during the negotiations.

Ethical Review

Proposed activities shall be carried out in compliance with fundamental ethical principles. If ethical issues, including privacy are raised, they should be addressed in the core of the

proposed activity. In addition, the potential impact of the resulting technologies and activities on Fundamental Rights, ethical principles and societal values should be addressed as part of the proposed research.

Small and Medium Enterprises (SME) and end-users

Consortia are strongly encouraged to actively involve *SMEs and end users*.

Evaluation

The *evaluation criteria* (including weights and thresholds) and sub-criteria, together with the eligibility, selection and award criteria for the different funding schemes are set out in Annex 2 to this work programme.

Coordinators of all integration project proposals and of all demonstration projects (phase II) proposals that pass all the evaluation thresholds may be invited to a *hearing*.

As a result of the evaluation, a ranked list of proposals retained for funding will be drawn up as well as a reserve list of proposals that may be funded in case budget becomes available during negotiations.

Positively evaluated proposals involving sensitive and classified information, those involving international co-operation as well as those collaborative projects where 75% funding for all participants is foreseen will be flagged to the members of the *Security Programme Committee* configuration and dealt with according to its Rules for Procedure.

- The **forms of grants and maximum reimbursement rates** which will be offered are specified in Annex 3 to the Cooperation work programme.

Proposers claiming that their proposal should receive EU funding for research activities up to 75% for specific reasons as described on page 8 of this document should demonstrate in the proposal that the exceptional required conditions apply.

In accordance with Annex 3 to this work programme, this call provides for the possibility to use **flat rates to cover subsistence costs** incurred by beneficiaries during travel carried out within grants for indirect actions. For further information, see the relevant Guides for Applicants for this call. The applicable flat rates are available at the following website: http://cordis.europa.eu/fp7/find-doc_en.html under 'Guidance documents/Flat rates for daily allowances'.