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ANNUAL WORK PROGRAMME 2010

PREVENTION, PREPAREDNESS AND CONSEQUENCE MANAGEMENT OF TERRORISM AND OTHER SECURITY RELATED RISKS

INTRODUCTION

This is the fourth Annual Work Programme adopted under the Council Decision No 2007/124/EC, Euratom, establishing the Specific Programme "Prevention, Preparedness and Consequence Management of Terrorism and other Security related Risks for the Period 2007-2013" (hereafter: the Programme)¹ as part of the General Programme on "Security and Safeguarding Liberties".

This Programme offers a comprehensive framework and contributes to the development of the European Programme for Critical Infrastructure Protection (EPCIP)², as well as policy measures aiming at upholding, and/or guaranteeing security and public order during a crisis situation.

The Commission will ensure complementarity with other Community initiatives and avoid duplication, e.g. with the Research and Development Framework Programme 7 security theme and risk governance theme.

This annual work programme covers the priorities in 2010 and consists of the following parts and types of actions:

Part	Types of actions	The budget envisaged
I.	Grants	
A	Action grants	€16 080 000
B	Grants to standardisation bodies	€100 000
C	Grants to bodies in monopoly situations	N/A
II.	Public procurement contracts and administrative arrangements	

¹ OJ L 58, 24.02.2007, p.1

² Council Directive No. 2008/114/3C:

- (a) 'critical infrastructure' means an asset, system or part thereof located in Member States which is essential for the maintenance of vital societal functions, health, safety, security, economic or social well-being of people, and the disruption or destruction of which would have a significant impact in a Member State as a result of the failure to maintain those functions;
- (b) 'European critical infrastructure' or 'ECI' means critical infrastructure located in Member States the disruption or destruction of which would have a significant impact on at least two Member States. The significance of the impact shall be assessed in terms of cross-cutting criteria. This includes effects resulting from cross-sector dependencies on other types of infrastructure;

D	Public procurement	€1 900 000
E	Actions to be carried out with the JRC	€2 340 000
	Total:	€20 420 000

The financial support should achieve general and specific objectives aimed at two main areas:

- (1) Prevention and Preparedness refers to measures aimed at preventing and/or reducing risks linked to terrorism and other security related risks.
- (2) Consequence Management refers to the coordination of measures taken in order to react to and to reduce the impact of the effects of a security related incident, in particular resulting from terrorist attacks in order to ensure a smooth coordination of crisis management and security actions.

Actions funded under this Programme have to be based on an all-hazards approach, while countering threats from terrorism as a priority.

The specific objectives of the Programme are the following:

- (1) Within the general objectives, and unless covered by other financial instruments, the Programme shall stimulate, promote and develop measures on prevention, preparedness and consequence management based, *inter alia*, on comprehensive threat and risk assessments, subject to the supervision by the Member States and with due regard to existing Community competence in that matter, and aiming to preventing or reducing risks linked with terrorism and other security related risks.
- (2) With regard to prevention and preparedness of risks linked with terrorism and other security related risks the Programme aims at protecting people and critical infrastructure, in particular by:
 - (a) stimulating, promoting, and supporting risk assessments on critical infrastructure, in order to upgrade security;
 - (b) stimulating, promoting, and supporting the development of methodologies for the protection of critical infrastructure, in particular risk assessment methodologies;
 - (c) promoting and supporting shared operational measures to improve security in cross-border supply chains, provided that the rules of competition within the internal market are not distorted;
 - (d) promoting and supporting the development of security standards, and an exchange of know-how and experience, on protection of people and critical infrastructure;
 - (e) promoting and supporting Community wide coordination and cooperation on protection of critical infrastructure.
- (3) With regard to consequence management the Programme aims at:
 - (a) stimulating, promoting and supporting the exchange of know-how and experience, in order to establish best practices with a view to coordinate response measures and to achieve cooperation between various actors involved in crisis management and security actions;

- (b) promoting joint exercises and practical scenarios including security and safety components, in order to enhance coordination and cooperation between relevant actors at the European level.

Establishing risk and threat assessments of specific infrastructures is an area of activity for the Member States or the Commission, having due regard to existing Community competences, and may only be undertaken under the leadership of a public authority. However, the development of common methodologies and approaches to risk and threat assessments, which could be shared with others across the European Union, can be proposed by various stakeholders having experience in this field. Such methodologies would be of a generic nature and would not address any specific security issues, but could be used by the interested parties (Member States, infrastructure owners/operators) for such purposes.

This Programme does not apply to matters covered by other financial instruments, in particular the Rapid Response and Preparedness Instrument for Major Emergencies (now renamed Civil Protection Financial Instrument) and the research activities in the areas of Security and Space in the 7th RTD Framework Programme.

It is envisaged that calls for proposals will be published on the European Commission's website around October 2009 and June 2010.

EXPECTED OUTCOME

The projects and other actions are expected to contribute to the achievement of the general as well of the specific objectives of the programme. The projects are moreover intended to contribute:

- To the development of instruments (at EU level), strategies and activities/measures in the field of the effective protection of critical infrastructure (at both EU and MS levels) and/or;
- To the development of a common framework for the effective protection of critical infrastructure at EU level.

In addition, the projects should achieve the following results:

- development of methods, techniques and instruments for operational or training use in this particular field;
- exchange and dissemination of information, experience and best practices between Member States and between the different organisations or bodies responsible for the protection of critical infrastructures;
- development and improvement of the relationship between public authorities and private sector in the field covered by the Programme;
- improvement of mutual knowledge of the Member States' protection systems;
- enhancement of the capacity to share good practices;
- creation of informal contact networks between authorities;
- development of a culture of trust and cooperation.

A. ACTION GRANTS

Following two calls for proposals, action grants may be awarded to transnational and/or national projects. The budget dedicated to the first call is estimated at 8 080 000 € and, for the second call, is estimated at 8 000 000 € plus, possibly, the outstanding amount from the first call.

All areas identified in the Programme are open for proposals. However, in 2010, the following priorities have been identified (proposals submitted outside these priorities will also be considered, subject to quality and budget availability after funding projects matching priorities):

- Facilitating the implementation of Council Directive 2008/114/EC on the identification and designation of European critical infrastructures and the assessment of the need to improve their protection (energy and transport sector);
- Supporting the policy initiative and the action plan on Critical Information Infrastructure Protection (CIIP) - COM(2009) 149 - in particular through developing pan-European exercises on network security incidents with a view to support the European participation in global exercises, strengthening the cooperation between National/Governmental Computer Emergency Response Teams and advancing the development and deployment of a European Information Sharing and Alert System reaching out to citizens and SMEs providing to them tailored information on threats, risks and alerts affecting electronic networks;
- Developing good practices in business continuity planning;
- Development/evaluation/propagation of tools and methods to design public spaces to improve protection against terrorist attacks (including simulation and testing);
- Interdependency analysis;
- Increasing the security awareness of critical infrastructure operators;
- Development of tools needed to coordinate inter-sectoral CIP activities;
- Improving information management with regard to critical infrastructures;
- Increasing critical infrastructure protection capacity in the transport, energy, ICT, chemical, financial, water, food, health, space, research and nuclear sectors.

B. GRANTS TO STANDARDISATION BODIES

The total budget envisaged for action grants awarded without a call for proposals is €0.1m and it concerns CEN, the European Committee for Standardization, recognized as a European standardisation body.

- Support to the **European Committee for Standardisation (CEN)** concerning standardisation activities in the critical infrastructure protection and consequence management field

CEN, the European Committee for Standardisation, was founded in 1961 by the national standards bodies in the European Economic Community and EFTA countries. CEN contributes to the objectives of the European Union and European Economic Area with voluntary technical standards which promote free trade, the safety of workers and consumers,

interoperability of networks, environmental protection, exploitation of research and development programmes, and public procurement.

Within Working Group 161 (CEN/BT WG 161), set up following the terrorism attack in New York in September 2001, standardisation activities were undertaken in the field of the security of the citizen. The work of the group concentrated on prevention, preparedness and consequence management issues. As of December 2008, BT WG 161 was replaced with a new CEN Technical Committee (TC) 391 on Societal and Citizen Security, which will undertake further standardisation work in the field of critical infrastructure protection and consequence management.

With the objective of supporting CEN in the development of standards related to prevention, preparedness and consequence management, and in particular critical infrastructure protection, grants of a total sum of €0.1m are foreseen for standardisation activities.

When dealing with the financial support to these standardisation activities, the Framework Partnership Agreement signed between CEN and the European Commission (DG ENTR) on 23 March 2009 will be used.

C. GRANTS TO BODIES IN MONOPOLY SITUATIONS

None in 2010.

CONDITION AND MODALITIES (FOR ALL GRANTS)

In line with the Financial Regulation and the basic act, the following conditions and modalities will apply.

1. *Financial provisions*

- (1) The maximum rate of co-financing by the Commission is 70% of the total eligible costs of the project.
- (2) Projects must be strictly non-profit making following Art. 109 (2) of the Financial Regulation.
- (3) Grants awarded by this Programme shall be covered by a written agreement, including the modalities for the reimbursement of a specified proportion of the eligible costs actually incurred;
- (4) As a general rule, the co-funding is provided in two instalments: a pre-financing payment on signature of the grant agreement, and the balance on receipt and approval by the Commission of the final report and final financial statement.

2. *Eligibility*

To be eligible, grant applications must meet the following criteria:

- (1) Projects must be submitted by bodies and organisations established in the Member States with legal personality. Applications from natural persons are not eligible.
 - (a) Bodies and organisations which are profit oriented may submit projects only in conjunction with non-profit oriented or state organisations.
- (2) Projects must match one or more objectives of the programme;

- (3) Transnational projects must involve co-beneficiaries ('partners' that will receive funding from the Commission) in at least two Member States, or at least one Member State and a candidate country.. Organisations in third countries and international organisations may participate as associate partners on a non-cost basis ('partners' not receiving funding from the Commission), but are not permitted to submit projects;
- (4) National projects are eligible as starter and/or complementary measures to transnational projects, or as a contribution to developing innovative methods and/or technologies with a potential for transferability at Union level, or as a development of such methods and technologies with the view to transfer them to other Member States;
- (5) Project proposals/action grant requests seeking EU co-funding of less than **€100.000** will not be eligible to receive a grant.
- (6) Projects cannot be already completed and should be scheduled to start not before the signature of the grant agreement. An earlier start of the project may be accepted only where the applicant can demonstrate the need to start the action before the grant agreement is signed. In such cases, expenditure eligible for financing may not have been incurred prior to the date of submission of the grant application.
- (7) Projects cannot last more than two years.

3. Exclusion

Candidates shall be excluded from participating in the call for proposals if they are in one or more of the situations listed in Articles 93(1) and 94 of the Financial Regulation.

4. Selection criteria

In accordance with Article 116(1) of the Financial Regulation and Article 176 of the Implementing Rules, proposals for projects shall be evaluated on the basis of the following selection criteria:

- (1) the applicant's operational and professional competencies and qualifications in the specified area required to complete the proposed action or work programme including evidence of relevant professional training and/or experience for the personnel concerned. In the case of government or law enforcement organisations, evidence that the project falls within their statutory area of responsibility may be submitted to establish their operational and technical competence. Proposals should also show evidence of ability to access information or participants in the way proposed.
- (2) the applicant's financial capability, i.e. stable and sufficient sources of funding to maintain its activity throughout the period during which the action is being carried out and to participate in its funding, based on the submitted documents (such as the balance sheets showing the annual incomes and expenditures, cash flow, debts and the amount of cash available).

Only proposals which meet the above selection criteria will be examined in detail.

5. Award criteria

Proposals that are eligible and meet the selection criteria will be assessed by the evaluation committee and they will be ranked on the basis of the following award criteria:

Conformity. Projects will be assessed on the extent to which they match priority areas identified in Section A above and in the relevant EU strategic documents and/or action plans.

Projects should demonstrate that their objectives reflect a clearly identified need for action according to the EU's policy priorities in the field of Prevention, Preparedness and Consequence management of Terrorism and other Security related Risks.

Quality of the proposed action regarding its conception, organisation, presentation, methodology, expertise, expected results and strategy for their dissemination. In particular, the ability of the project to attain the desired objective(s) will be assessed.

Value for money. Amount requested for financial support and its appropriateness as to expected results.

Impact of the expected results on the general objectives of the Programme and on measures taken in the different domains as specified in Articles 4 and 5 of the Council Decision.

European added value. European added-value includes geographical coverage of a project but, most of all, analysis and experimentation that lead to recommendations for common models, protocols, guidelines, structures, mechanisms, policies and processes. In practice, it implies that, over and above the attempt to run the project in a number of Member States and build multinational partnerships, applicants must look beyond the confines of the project to find the broader European relevance of the issues, the actions and the output of the project. Every project should end, if possible, with a clear indication of how the project can be further developed at EU level, and with a statement of its potential for European debate and action;

Economies of scale. Larger projects, in terms of for example ambition and participants, will be favoured.

6. *Timetable*

The following schedule is envisaged:

Opinion of the Programme Committee	May 2009	
Decision by the Commission	June 2009	
	Round I	Round II
Publication of Call for proposals	October 2009	June 2010
Deadline for submission of proposals	January 2010	September 2010
Opinion of the Programme Committee on the award of grants	April 2010	January 2011
Commitments and grant agreements	From May 2010 onwards	February 2011 onwards

D. PUBLIC PROCUREMENTS

1. **Actions envisaged**

The Commission intends to undertake the following actions in 2010 through appropriate procurement procedures launched during the first semester 2010:

a) Crisis management training.

The objective of this action is to support DG JLS's crisis management capacity by providing crisis management training and exercise support, in particular within the context of the Commission's crisis management system – ARGUS.

Envisaged budget for this action: €0.3m

b) Completion of the development and deployment of CIWIN (Critical Infrastructure Warning and Information Network).

This action provides for the establishment of a secure and robust technical infrastructure, including hardware and software and support for CIWIN, and also the necessary technical support to security accreditation, maintenance, the provision of a helpdesk and training. The implementation of this action is conditional on progress on the negotiations of the CIWIN decision in the Council.

Envisaged budget for this action: €0.4m

c) Support for CIP expert groups

This action provides for the organisation and support of CIP (Critical Infrastructure Protection) expert groups, including the establishment of an information exchange platform to support the discussions of CIP expert groups.

Envisaged budget for this action: €0.6m

d) Studies in support of the European Programme for Critical Infrastructure Protection

This action provides for the following studies needed to implement the European Programme for Critical Infrastructure Protection:

- (1) *The potential impact on the EU of disruptions of critical infrastructure in third countries.* This study will contribute to the identification of geographic and sectoral priorities for action in the critical infrastructure protection field. The study will be conducted in preparation of the implementation of the external dimension of the European Programme for Critical Infrastructure Protection. ***(€0.3m)***
- (2) *The applicability of existing chemical industry safety provision to enhancing the security of chemical facilities.* This study will assess the possible impact of existing safety rules (both of a binding and non-binding nature) on enhancing facility security. ***(€0.3m)***

Envisaged budget for this action: €0.6 m

The total budget envisaged for contracts is €1 900 000.

E. ACTIONS TO BE CARRIED OUT WITH JRC

The budget of 2 340 000 € for these actions will be the subject of negotiated procedures following Article 161.1 of the Financial Regulation, due to the unique expertise of the JRC in these matters, following Article 126.1.b of the Implementing Rules.

a) Supporting tool for Member States engaged in the Identification and Designation Procedure: models for infrastructure interdependence assessment

The project will focus on the complex issue of the assessment of the failure of a service provide by an infrastructure upon other infrastructures and services, which are functionally inter-connected. Cross-border effects as well as cross-sector effects need to be assessed so as to support an ex-ante evaluation of the consequences of the disruption or destruction of an

initial critical infrastructure. An appropriate modelling and simulation of these interactions is key for understanding, as early as possible in the identification and designation procedure, on what infrastructures and operators there is a need to focus the attention for subsequent more detailed analysis. This modelling effort consists of two main elements: (a) the development of possible scenarios which can be derived from an initial event, and (b) the evaluation of the overall consequences of these scenarios. The JRC will review and compare the existing modelling and scenarios that exist to generate realistic ex-ante scenarios of rippling effects and subsequently to assess their overall consequences in terms of casualties, economic loss and public effects. Based on this review, the JRC will prepare a software toolbox for the use by the Member State Authorities to generate scenarios of failure of services provided by infrastructures and to assess their consequences. This review and the associated software toolbox are expected (a) to assist Member States in identifying, in an early stage, possible infrastructures located on their territories which may require more detailed evaluation, (b) to provide a preliminary verification of a claim from a potentially affected Member State, (c) to support the dialogue between Member States engaged into the designation procedure.

Close collaboration with Member States is envisaged both during the review and the toolbox assembly.

Duration: 24 months

Envisaged budget for this action: €0.5m

b) Development of a methodology to identify critical foreign dependencies

The purpose of the project is to develop a methodology which could be used to identify dependencies of the Community on infrastructures located outside of the European Union. The work would include the development of criteria which could be used to identify critical foreign infrastructures.

Duration: 12 months

Envisaged budget for this action: €0.2m

c) Enhanced operational capability and resilience of mobile telecommunications for public safety and first responders

The purpose of the project is to implement a demonstrator of wireless networks to be used by Public Safety responders in response to a terrorist attack or a major crisis scenario. To achieve this result, we will investigate communications approaches and techniques aiming at increasing the security and resilience of mobile telecommunications used by Public Safety organizations. The innovative communications approaches will include cognitive radio and reconfigurable radio systems.

Deliverables:

-Technical reports to show the feasibility of these approaches for Public Safety communication systems. The technical report will include a technologic-business analysis to evaluate the feasibility from an economic point of view.

-Demonstrator: a wireless network based on RRS nodes, which can be used in different contexts including urban, underground or rural scenarios. The demonstrator will be validated against realistic operational scenarios defined in collaboration with European public safety organisations.

Duration: 24 months

Envisaged budget for this action: €0.74m

d) Operational and infrastructural support for pan-European exercises on large-scale network security incidents

The purpose of the activity is to provide operational and infrastructural support to Member State's authorities and relevant stakeholders to organise and run pan-European exercises on large-scale network security incidents.

Duration: 18 months

Envisaged budget for this action: €0.4m

e) Blast Simulation Technology Development

This activity is aimed at developing models and tools to accurately predict the effects of explosives on (elements of) critical infrastructures. The investigation program will include both testing development with actuator prototype building and computer simulations, making use of the European Laboratory for Structural Assessment (ELSA), which is a facility unique in Europe.

Duration: 24 months

Envisaged budget for this action: €0.5m

ACCOMPANYING MEASURES

According to Article 7(3) of the basic act, the Commission may finance administrative and technical assistance activities regarding the management of this Programme through public procurement.

In particular, this may include the interim evaluation report of the results of the Programme as stipulated in article 14 of the Basic Act, the payment of external experts, activities regarding the exploitation and dissemination of project results, and the organisation of meetings. The execution of these activities is subject to the available resources on budget line 18 01 04 16.