1. INTRODUCTION

This is the second 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 financial support should achieve general and specific objectives aimed at two main areas:

a) Prevention and Preparedness refers to measures aimed at preventing and/or reducing risks linked to terrorism and other security related risks.

b) 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:

- 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, \emph{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.

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\(^1\) OJ L 58, 24.02.2007, p.1.

\(^2\) Critical Infrastructure means:

(i) those assets or parts thereof which are essential for the maintenance of critical societal functions, including the supply chain, 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; or

(ii) any other assets or parts thereof the disruption or destruction of which would, as a direct consequence, have a significant impact in a Member State regardless of any impact on the maintenance of critical societal functions.
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.

With regard to consequence management the Programme aims at:

(a) stimulating, promoting and supporting exchange of know-how and experience, in order to establish best practices with the view to coordinate the response measures and to achieve cooperation between various actors of 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.

Risk and threat assessments of specific infrastructures is an area of activity for the Member States or 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 by the Rapid Response and Preparedness Instrument for Major Emergencies (now renamed Civil Protection Financial Instrument) and by the research activities in the areas of Security and Space in the 7th RTD Framework Programme. Due attention shall be given to develop synergies with external actions to be undertaken on the basis of the Instrument for Stability 3 in the area of critical infrastructure protection.

3 Regulation (EC) 1717/2006 and article 4 (1) thereof.
2. **BUDGET**

An amount of € 15.2 million has been proposed for this programme in the preliminary draft budget of the European Union for 2008, under budget heading 18 05 08. Implementation of this annual programme is subject to the adoption of this amount in the final budget. It covers the priorities for 2008 and consists of the following parts and types of actions:

<table>
<thead>
<tr>
<th>Part</th>
<th>Types of actions</th>
<th>The budget envisaged</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Calls for proposals for transnational and national projects</td>
<td>€ 11.8 million</td>
</tr>
<tr>
<td>B</td>
<td>Grants without a Call for proposals to standardisation bodies</td>
<td>€ 0.3 million</td>
</tr>
<tr>
<td>C</td>
<td>Public procurement</td>
<td>€ 1.3 million</td>
</tr>
<tr>
<td>D</td>
<td>Administrative arrangements with the JRC</td>
<td>€ 1.8 million</td>
</tr>
<tr>
<td></td>
<td><strong>Total: 15.2 million</strong></td>
<td></td>
</tr>
</tbody>
</table>

Any modification exceeding 15% of the total amount of this work programme will be considered a substantial modification and will be adopted following the same procedure as the initial decision.

3. **EXPECTED RESULTS**

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 and training use in this particular field;

- exchange and dissemination of information, experience and best practices between Member States and applicant countries and between the different organizations 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 TO BE AWARDED THROUGH A CALL FOR PROPOSAL (TRANSNATIONAL AND NATIONAL PROJECTS)

Following a call for proposals, action grants may be awarded to transnational and/or national projects. The total budget for such action grants is € 11.800.000.

1. SECTORS

The following priorities have been identified for the year 2008:

I. Energy

Envisaged budget for these actions: € 3.200.000.

a) Development of interdependency assessment and modelling tools for the interconnected European high voltage electricity grid.

b) Assessment of resilience to external threats of control and data management systems in electricity transmission networks.

b) Development, implementation and evaluation of a simulation exercise concerning a large scale power cut involving relevant representatives from the Member States, the Commission and the European electricity generation and transmission system industry to identify technology inter-operabilities and grid interdependencies. Identification of gaps in security and recommendations for improvement should be included in the expected results of a proposed project.

II. Nuclear industry

No grants will be awarded in 2008 for projects in this sector.

III. Information Communication Technologies (ICT)

Envisaged budget for these actions: € 3.000.000.

a) Analysis of new media capabilities and identification of requirements to ensure critical communications between authorities and the public: a. emergency communication from the public (e.g. 112 and VoIP) and b. communications to the public (e.g. new media for public alert like the Internet and GSM SMS/Cell Broadcast).

In the AWP2007, appropriations were made available to an action grant dedicated to the development of an EU emergencies communication infrastructure strategy. The action grant then envisaged was much more comprehensive in terms of
communication infrastructures including traditional phone lines, radio and television broadcast. In this AWP 2008 the focus is on the specificities of new media (Voice over IP, Internet or GSM for instance) capabilities to relay critical communications and the identification of requirements specific to these new media.

b) Analysis together with the Member States of the phenomenon of coordinated and large scale attacks against the information infrastructure of Member States in view of preventing and combating these, including coordinating responses, and sharing information and best practices.

c) Prototype of a European multilingual information sharing and alert system to provide appropriate and timely information via dedicated e-security web portals on threats, risks and alerts as well as on best practices.

The objective of an information sharing and alert system is to foster a culture of security by raising awareness on NIS issues and providing appropriate and timely information on current threats, risks and alerts as well as on good practices. This is the primary responsibility of Member States. However, better cooperation among Member States might add value to those single initiatives by promoting the exchange of information and lessons learnt among Member States. An EU-wide system could be realized by combining existing Member States' systems. The European Network and Information Security Agency, ENISA, is currently performing a feasibility study on this subject. The focus of the proposed action grant is on setting-up a prototype.

It is important to note that the objective of the study related to improving emergency preparedness, see point a) in Part D on public procurement, is different in that it focuses on technical and organisational measures that must be undertaken by the different stakeholders (Member States, private sector and to some extent citizens) before a crisis occurs.

d) Analysis of the dependency on electrical power of modern ICT infrastructure supporting the Internet as well as fixed and mobile telecommunications networks. In particular, differentiate the problematic of end-user equipment from network equipment.

The action grant proposed in the AWP 2007 was related to interdependencies between EU ICT infrastructures and electricity generation and transmission systems (study under the Energy section I.c). It was much wider in term of scope and "bi-directional" as it includes inter-dependencies between ICT and electrical power. Within the AWP 2008, the focus is on specific problems raised in a previous study launched by the European Communication on the availability and robustness of electronic communications infrastructures and is confined to the sub-areas of ICT infrastructures that support the Internet as well as fixed and mobile telecommunications networks.

e) Supporting information sharing in the context of the Directive 2006/24/EC on the retention of data generated or processed in connection with the provision of publicly
available electronic communications services or of public communications networks and amending Directive 2002/58/EC\textsuperscript{4}.

IV. Water

Envisaged budget for this action: € 450.000.

Current practices to prevent terrorist attacks in Europe on the provision of drinking water should be identified and analysed. Good practices should be identified, along with recommendations for any identified gaps.

V. Food

Envisaged budget for this action: € 450.000

Current practices to prevent terrorist attacks in Europe in the food supply chain should be identified and analysed. Good practices should be identified, along with recommendations for any identified gaps.

VI. Health

Envisaged budget for this action: € 700.000

Feasibility study on European public and animal health surveillance to ensure effective monitoring of unusual outbreaks of human and animal disease and development of practical methods of co-ordinating European and international responses to major events that may involve bio-weapons or a terrorist attack.

VII. Financial

Envisaged budget for this action: € 500.000.

Current practices on electronic payment systems in the event of equipment malfunctions and criminal misuse in Europe should be identified and analysed. Good practices should be identified, along with recommendations for any identified gaps, with the European Central Bank.

VIII. Transport

Envisaged budget for this action: € 1.500.000.

a) Current practices in civil aviation passenger, baggage and cargo screening solutions through integrated detection systems should be identified and analysed. Good practices should be identified, along with recommendations for any identified gaps.

b) Development of a risk assessment and audit methodology capable of assessing the vulnerabilities of a mass-transit system (i.e. subways and railways) from a potential terrorist attack.

\textsuperscript{4} OJ L 105, 13.4.2006, p.54.
IX. **Chemical industry**

**Envisaged budget for these actions: € 1.000.000.**

a) Current practices on the security of industrial installations in Europe should be identified and analysed. Good practices should be identified, along with recommendations for any identified gaps.

b) Current practices on automated safe unit and plant shutdown in the event of equipment malfunctions and other operational problems of industrial installations in Europe should be identified and analysed. Good practices should be identified, along with recommendations for any identified gaps.

X. **Space**

No grants will be awarded in 2008 for actions in this sector.

XI. **Research facilities**

**Envisaged budget for this action: € 400.000.**

Development of EU level guidelines and methodology, in line with the Biological and Toxic Weapons Convention (BTWC) for accounting of collections of dangerous pathogens and cultures (including those synthesized in laboratories) that could threaten public health or national security.

XII. **General**

**Envisaged budget for these actions: € 600.000**

a) Develop a European level methodology on how sensitive CIP research results can be published by means of: (1) a public version with no publishing restrictions (without sensitive content) and (2) a classified version containing the sensitive parts (published in a manner with access only for relevant and secure stakeholders certified to handle classified information and data).

b) Development of an exercise programme based on cross-border terrorism scenarios and designed to strengthen the Commission's capacity to make an appropriate policy response to serious terrorist incidents. The exercise programme should focus on command post exercises.

**CONDITIONS AND MODALITIES**

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

1. **Financial provisions**

   a) The maximum rate of co-financing by the Commission is 70 % of the total eligible costs of the project.
b) Commission grants are given for non-commercial purposes only and projects must be strictly non-profit making.

c) Grants awarded by this Programme shall be covered by a written agreement and they may take any of the following forms:

(a) reimbursement of a specified proportion of the eligible costs actually incurred;

(b) lump sums;

(c) flat-rate financing;

(d) a combination of the forms referred to in points (a), (b) and (c).

d) 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:

a) Projects must be submitted by bodies and organisations established in the Member States with legal personality. Applications from natural persons are not eligible.

Bodies and organisations which are profit oriented may submit projects only in conjunction with non-profit oriented or state organisations.

b) Projects must relate to one of the general objectives of the Programme and fall within the programme activities (priorities) as defined above in Section I.

c) Transnational projects must involve partners in at least two Member States, or one Member State and one other State which is an acceding or a candidate country. Third countries and international organisations may participate as partners, but are not permitted to submit projects.

d) National projects are eligible as starter and/or complementary measures to transnational projects, or if they contribute to developing innovative methods and/or technologies with a potential for transferability to actions at Union level, or develop such methods and technologies with a view to transferring them to other Member States and/or candidate countries.

e) Project proposals seeking EU co-funding of less than € 50,000 will not be eligible to receive a grant. The maximum amount of co-financing available for a project is € 1.100.000.

5 Articles 3, 4, 5 of the programme.
f) Projects cannot be already completed and should be scheduled to start not before the signature of the grant agreement and not later than 31.12.2008. A grant may be awarded for an action which has already begun 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.

g) Projects cannot last more than two years.

h) The Commission may request confidentiality and security clearances:

Where relevant, applicants will have to conform to the rules of access to classified information drawn up in the Member States and to make sure that its personnel holds the appropriate access rights and all persons involved in a proposal shall be in possession of an official accreditation to handle confidential documents granted by a EU Member State and valid for the duration of the project. Any such proposal will have to contain a statement on the honour of the applicant that the above condition is fulfilled. The Commission will check the accreditations prior to the signing of a contract. Applicants may be required to send proof of this with their proposals - i.e. a copy of the letters from the national authorities accrediting them - so this can be verified by the Commission's security office. The applicant’s staff shall sign a declaration of confidentiality.

3. Exclusion

Candidates shall be excluded from participating in this call for proposals if they are in one or more of the situations listed in Articles 93 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:

(a) 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.

(b) 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:

(a) **Conformity.** Projects will be assessed on the extent to which they fall within the priority areas identified in Section I above and in the relevant EU strategic documents and/or action plans. For each type of project, it should be demonstrated that the objective of the project reflects 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. **(15 points)**

(b) **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. **(25 points)**

(c) **Value for money.** Amount requested for financial support and its appropriateness as to expected results. **(15 points)**

(d) **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. **(15 points)**

(e) **European dimension.** Wide geographic scope of the project, in terms of partners, participants and the target groups, will be favoured. For national complementary projects, this criterion is replaced by the geographical scope of the measure they complement. For other national projects (starter measures and other actions), it is replaced by the potential geographical scope of follow-up measures. **(15 points)**

(f) **Economies of scale.** Larger projects, in terms of for example ambition and participants, will be favoured. **(15 points)**

6. **Timetable**

The following schedule is envisaged:

Opinion of the Programme Committee on the WP  
Decision by the Commission  
Publication of Call for proposals  
Deadline for submission of proposals  
Opinion of the Programme Committee on the award of grants  
Commitments and grant agreements

September 2007  
September 2007  
October 2007  
1st quarter of 2008  
2nd quarter of 2008  
2nd and 3rd quarter 2008
In accordance with Article 110(1) 2nd subparagraph of the Financial Regulation and Article 168(1)d) of the Implementing Rules and with Article 5(1) a of the Decision N° 1673/2006/EC of the European Parliament and of the Council, of 26 October 2006, on the financing of European Standardisation, community financing can be provided without a call for proposals to the recognised European Standardisation bodies listed in the Annex I to Directive 98/34/EC.

The total budget envisaged for action grants awarded without a call for proposals is € 300,000 and it concerns CEN, the European Committee for Standardization, recognized as a European standardisation body.

**ACTIONS**

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

CEN, the European Committee for Standardization, 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 the Technical Board Working Group 161 (CEN/BT WG 161), setup following the terrorism attack in New York in September 2001, standardisation activities are undertaken in the field of the security of the citizen. The work of the group concentrates on prevention, preparedness and consequence management issues.

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 € 300,000 are foreseen for standardisation activities.

These activities will include the Development of a European Standard on laboratory biosafety and biosecurity with particular emphasis on management of biological risks. The work should upgrade the CEN Workshop Agreement on laboratory biosafety and biosecurity, which is currently being developed, to the level of European standard (EN) and/or ISO standard.

**CONDITIONS, MODALITIES and TIMETABLE:**

a) The maximum rate of co-financing by the Commission is 70 % of the total eligible costs of the project.

b) Eligible expenditure must be incurred within 3 years of the starting date of the project.

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c) The project proposal submitted by CEN will be evaluated on the basis of the following award criteria:

**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. **(35 points)**

**Value for money.** Amount requested for financial support and its appropriateness as to expected results. **(25 points)**

**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. **(30 points)**

**European dimension.** Geographic scope of the project, in terms of participants and target groups. **(10 points)**

In order to be financed, the proposal should attain a minimum of 65 points.

**Timetable**

The award of grants without a Call for proposals to standardisation bodies will be done during the 1st quarter of 2008.

**C. PUBLIC PROCUREMENT**

1. **Actions envisaged**

The Commission intends to undertake the following actions in 2008 through appropriate procurement procedures (approximately 3 calls for tenders are envisaged):

**ACTIONS**

*a) Study on measures to analyse and improve emergency preparedness in the field of fixed and mobile telecommunications and Internet*

This study will identify existing national emergency preparedness and define proposals for measures to improve the response to crisis situations. For this end, the options of planning emergency exercises and pre-arranged priority restoration procedures as well as mutual aid agreements between industry players for bringing to bear the full capacity of Europe's communication community in times of crisis should be carefully analysed.

Envisaged budget for this action: € 400.000.

*b) Study to identify rationale and propose criteria to designate European Critical Communication and Information Infrastructures in the sub-sectors of information system and network protection, Internet, fixed and mobile telecommunications*

This study should define the rationale and propose criteria for the identification of European Critical Communication and Information Infrastructures supporting the Internet and electronic communications networks (fixed and mobile telecommunications). The sectoral criteria shall be developed through a dialogue with all stakeholders and by taking into account the cross-
cutting aspects with other sectors and dependencies. In particular, this study would identify if there are worldwide components and resources of Internet that are critical for the EU information society and provide recommendations to reduce this risk.

**Envisaged budget for this action: € 500.000.**

c) **Support for Management of CIP related policies**

This amount will be dedicated to the purchase of goods and services necessary to the establishment and maintenance of appropriate security and technical facilities within DG Justice, Freedom and Security to communicate, manage and store sensitive and classified information as part of its work on CIP related policy.

**Envisaged budget for this action: € 400.000.**

2. **Budget and estimated schedule/timetable**

The total budget envisaged for contracts is € 1.300.000.

The following schedule is envisaged:

<table>
<thead>
<tr>
<th>Task</th>
<th>Timeframe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Publication of procurement procedures</td>
<td>1st semester of 2008</td>
</tr>
<tr>
<td>Award of Contracts</td>
<td>2nd semester of 2008</td>
</tr>
</tbody>
</table>

**D. ADMINISTRATIVE ARRANGEMENTS WITH THE JRC**

The Commission intends to undertake the following actions in 2008 through Administrative Arrangements with the Joint Research Centre, with a budget of € 1.800.000.

**ACTIONS**

a) **Study to identify rationale and propose criteria to designate European Critical Communication and Information Infrastructures in the sub-sector of instrumentation automation and control systems**

This study will define the rationale and propose criteria for the identification of European Critical Communication and Information Infrastructures in the sub-sectors of instrumentation automation and control systems. The sectoral criteria shall be developed through a dialogue with all stakeholders and by taking into account the cross-cutting aspects with other sectors and dependencies.

**Envisaged budget for this action: € 350.000.**

b) **Study on the Radio Frequency threat against telecommunications and ICT control systems.**

Provision of technical expertise and support for a risk and threat assessment study on the Radio Frequency threat against telecommunications and ICT control systems.

**Envisaged budget for this action: € 400.000.**
c) **Technical expertise and support on threat and vulnerability assessments from explosives.**

Provision of technical expertise and support on threat and vulnerability assessments from explosives, including performance assessment and feasibility advice on detection technologies and the supply chain security, container security and port security.

**Envisaged budget for this action 400.000 €.**

d) **Detection of high-priority chemical and biological agents**

Provision of technical expertise and support on the detection of high-priority chemical and biological agents.

**Envisaged budget for this action: € 350.000.**

e) **Support for CIP information exchange mechanisms.**

Study on the CIWIN prototype implementation with scenarios of exchange for demonstration and validation of Critical Infrastructure (CI) interdependencies on a cross-border and CI cross-sector basis.

**Envisaged budget for this action: € 300.000.**

The total budget envisaged for administrative arrangements is € 1.800.000.

**ACCOMPANYING MEASURES (FOR INFORMATION)**

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

In particular, this may include the operation of a helpdesk and/or call centre providing information and advice on the programme for applicants, beneficiaries and the public, activities regarding the exploitation and dissemination of project results, and the organisation of meetings.

The total budget envisaged for contracts and administrative agreements is € 180.000.

The relevant budget line is 18 01 04 16.