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NATURAL RISK PREVENTION IN  
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EUROPEAN COMMISSION DIRECTORATE-GENERAL ENVIRONMENT  
Directorate A – Governance, Communications and Civil Protection

**Project selected under 2008 Call for Proposals C65  
Preparedness & Prevention under the Civil Protection Financial Instrument  
Brussels, 3 December 2008**

**2010 NARPIMED : 2nd Intensive Training Course and 2nd Project Seminar in  
Granada (Spain)**

***“Good practices, methods and procedures to avoid or reduce  
natural disasters in the Mediterranean Countries”.***

***“New financial perspectives for Civil protection  
actions (2007-2013)”***

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***Start date : 28.06.2010 End date : 30.06.2010  
Granada (Spain)***

**NARPIMED Project - Grant Agreement No. SI2.587838**



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the National Central Civil Protection Department of Italy declares that the project is consistent with the national civil protection plans<sup>1</sup>



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## Community Funds for Risk Prevention & Management Activities for EU Members and Third Mediterranean Countries

1. The Civil Protection Financial Instrument 2010;
2. The Seventh Framework Programme for Research and Technological Development – FP7;
3. LIFE+ (2007 – 2013);
4. Interreg IVC (2007-2013);
5. Med programme;
6. Enpi CBC MEDITERRANEAN Basin Sea Programme.



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## Community Funds for Risk Prevention & Management Activities for EU Members and Mediterranean Partner Countries (MPCs)

### A) EU financial resources and programmes :

#### *How does Natural and man-made disasters cost for the EU?*

- “Natural and man-made disasters are estimated to cost the EU some €15 billion every year” (see ENVIRONMENT FOR EUROPEANS [n°37 2010]).

#### *Some findings :*

- **Structural funds:** €5.8 billion is directly allocated to “risk prevention” measures under the 2007-2013 Cohesion Policy.

### B) Calls for tender/proposals 2010. Operational differences:

| Criteria                               | Call for proposals                   | Call for tender                                |
|--|--------------------------------------|--|
| The Commission `s aim                  | Direct interest to the beneficiaries | Implementation of a project designed by the EC |
| The aim of the participating structure | Institutional aim                    | Commercial aim                                 |
| Financial modalities                   | Co-financed                          | 100% financed                                  |
| Award procedures                       | Quality                              | Quality price                                  |
| Use of Human Resources                 | Mainly in-house                      | Mainly out-sourcing                            |
| <b>Etc</b>                             |                                      |  |
| Technical proposal                     | Call for proposals                   | Call for tender                                |
| Consortium                             | Yes<br>(Project consortium )         | YES<br>(joint tenders with more partners)      |
| <b>Etc</b>                             |                                      |  |

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# The Civil Protection Financial Instrument



**Objectives of the programme:** The adoption of Council Decision 2007/162/EC, Euratom establishing a Civil Protection Financial Instrument represent an important step forward in the development of the *Community Civil Protection Mechanism*. The overall objective of the Mechanism is to facilitate European cooperation in civil protection assistance interventions in the event of major emergencies, or the imminent threat thereof, inside or outside the European Union, which may require urgent response actions. In accordance with the principle of subsidiarity, it can make support available on request if a disaster overwhelms the response capacity of an affected country. By pooling the civil protection capabilities of the participating states, *the Mechanism can ensure even better protection primarily of people, but also of the natural and cultural environment and of property.*

## Calls for proposals 2010:

- Call for Proposals: Preparatory Action on an EU rapid response capability (2010/C 64) – **Deadline : 15 April 2010.**
- Call for Proposals: Exercises, Union Civil Protection Mechanism (2010/C 60/06) – **Deadline: 31 May 2010.**
- Call for Proposals: Cooperation projects on preparedness and prevention (2009/C 311/09)- **Deadline: 31 March 2010.**

## Programme duration :

- From 2007 onwards

## Eligible candidate and beneficiaries :

- This instrument is open to any legal person (public or private). Examples of applicants who can submit a proposal – as long as no profit is generated by the project – include public-sector bodies, public administrations, universities, international organisations, non-governmental organisations, commercial firms, etc. Natural persons are not eligible. (see the GRANT APPLICATION GUIDE for each call).

## Geographical Eligibility :

- The 27 EU Member States, the three EFTA/EEA counties (Iceland, Liechtenstein and Norway) and Croatia. Applicants established in candidate countries may participate if those countries have signed a Memorandum of Understanding (MOU) with the Commission in the field of civil protection and contribute financially to the Commission's civil protection budget. In all other cases (candidate countries which do not fulfil the above-mentioned criterion and third countries which do not have 'candidate country status'), participation in this call is possible when agreements between these countries and the EU so allow. The only possible roles are those of co-financer or sub-contractor.

**Participants From Third Countries:** experts from third countries may be invited to events within a project. Their travel and subsistence expenses can be covered if they are included in the project proposal and the approved budget (see the GRANT APPLICATION GUIDE for each call).

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## Budget for 2011:

- The European Commission - Humanitarian Aid and Civil protection – is currently working *on the draft 2011 work programme (budget)* and they hope *to adopt it before the end of this year.*

## Calls for proposals 2011:

- Following the adoption of the WP, EC shall publish *the 2011 Call for proposals in Prevention and Preparedness early 2011.*

The 2010 call for proposals for cooperation projects on preparedness and prevention in the field of civil protection covers TWO separate sections, with each their own objectives and specific budget:

(A) Prevention Projects

(B) Preparedness Projects

### Objectives of prevention projects:

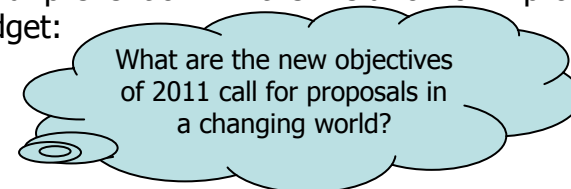
- ✓ Objective 1. Developing knowledge-based disaster prevention policies
- ✓ Objective 2. Linking the relevant actors and policies through the disaster management cycle
- ✓ Objective 3. Improving the effectiveness of existing policy instruments for disaster prevention

### Objectives of preparedness projects:

- ✓ Objective 1. Improve the effectiveness of emergency response by enhancing the preparedness and awareness of civil protection professionals and volunteers
- ✓ Objective 2. Support and complement the efforts of the participating countries for the protection of citizens, environment and property in the event of natural and man-made disasters
- ✓ Objective 3. Facilitate reinforced cooperation between the participating countries in preparedness for civil protection and marine pollution.

**Web site:** Experts will find its publication on *"what's on"* front page and *in the specific financial opportunities webpage* also (interview dated 18.06.2010 with ECHO- Brussels).

See [http://ec.europa.eu/echo/civil\\_protection/civil/prote/calls.htm](http://ec.europa.eu/echo/civil_protection/civil/prote/calls.htm)





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# The Civil Protection Financial Instrument



Examples of projects supported:

Projects selected under 2008 Call for Proposals C65. Preparedness  
& Prevention under the Civil Protection Financial Instrument.

(Deadline: April 15th 2008). (1)

## Title: I N C A project

**Objective:** It aims to bridge spatial, functional and operational gaps and divergence in approach, competence and perspective between civil protection and spatial planning by a collaborative process with concrete results *to make measures and actions of risk prevention and mitigation efficient, effective, strategically aligned and sustainable*. In order to achieve this, the project proposes a new concept called *"Agreements on Objectives"*. Its wide application would lead to more structured and efficient ways for the organisation of transboundary measures for prevention of and coping with extreme events.

**Project leader:** National Research Council, Institute of Research on Population and Social Policies (coordinator), Italy

**Partners:** Dortmund University of Technology, Germany, City of Dortmund, Fire department, Germany, T6 Ecosystems srl, Italy, National Association of Italian Municipalities Lazio, Italy, Lazio Region - Regional Civil Protection Department, Italy, Harokopio University of Athens, Greece, National Agricultural Research Foundation, Institute of Mediterranean Forest Ecosystems and Forest Products Technology, Greece, Region of Attica, Greece.

**Project dates:** The project started at 1st January 2009 and will last twenty months.

**Project activities :** Research, case studies, dissemination, etc.

**Project Web site :** <http://www.project-inca.eu/>

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# The Civil Protection Financial Instrument



Examples of projects Supported (2008) – (2)

## **Title: Teaming Up for Civil Protection - Team CP**

### **Objective :**

It is a project co-founded by European Commission with the aim of providing public information, education and awareness rising on civil protection to EU citizens.

**Project leader:** It is coordinated by Austrian Red Cross.

**Partners:** British Red Cross, German Red Cross, Polish Red Cross and Hitradio Ö3.

**Project dates:** From December 2008 to December 2010.

**Project activities:** Key elements are the development of a “web 2.0” platform for communication, managing and training of convergent volunteers as well as designing a ready-to use media campaign in the partner countries to attract people to help in a team in case of disaster.

In this way the project can contribute to minimise the effects of emergencies on EU citizens and to provide knowledge and structures which may help them to protect themselves more effectively.

### **Project Web site :**

<http://www.rotekreuz.at/site/team-civil-protection/home/>

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# The Civil Protection Financial Instrument



Examples of projects Supported (2008) – (3)

## Title: The ANSFR Project

**Objectives and activities:** to reduce the human and financial cost of fires in Europe. This will be achieved by developing new tools and techniques for European Fire and Rescue Services. These tools will be used to aid the effective identification, assessment and management of fire risks. The new tools will enable Fire Services to be better prepared to prevent and reduce the factors that can lead to high levels of fire risk. A full list of the project objectives can be found on the ANSFR Project website.

**Project leader:** It is coordinated by Northumberland Fire and Rescue Service (UK).

**Partners:** Frederikssund-Halsnæs Fire and Rescue Department (Denmark), the Corpo Nazionale dei Vigili del Fuoco – Nucleo Investigativo Antincendi (Italy), and the Emergency Services College (Finland).

**Project dates:** The project will be delivered between 1st January 2009 and 31st December 2010.

**Project Web site :** <http://www.northumberland.gov.uk/Default.aspx?page=4604>

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# The Civil Protection Financial Instrument



Examples of projects Supported (2008) - (4)

## *Title: Analysis of Law in the EU pertaining to Cross Border Disaster Relief*

### Objectives and activities :

The current study was commissioned by the IFRC and is *funded by the European Commission*. The study builds upon the IDRL Guidelines, **examining the degree to which national and European legal frameworks address problems related to the facilitation of international assistance**.

Its scope is limited strictly to the **provision of disaster assistance within the EU** and does not examine disasters resulting from armed conflict situations or terroristic acts. It examines EU law at the regional level and reviews international and regional legal instruments with potential application to disaster assistance within the EU.

**Project leader:** The International Federation of Red Cross and Red Crescent Societies (IFRC).

**Partners:** the British Institute of International and Comparative law.

### Project dates:

The project will be delivered in two years (2008-2010).

### Project Web site :

<http://www.ifrc.org>

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# The Civil Protection Financial Instrument



**Examples of projects Submitted :**  
**Call for Proposals: Cooperation projects on preparedness and prevention**  
**(2009/C 311/09) Deadline: 31 March 2010.**

**Title: CIVIL PROTECTION AT SCHOOL, "Know risk = no risk" .**

**Objectives :** Spreading the culture of civil protection in general and prevention in particular in primary and secondary schools, turning school students into catalysts and initiators to raise awareness within families, teachers and wider public. Specific objectives: a) To work out a common base training on risks prevention; to mainstream disaster risk reduction into school curricula; to raise awareness and to help policy makers to put attention on risk prevention; b) To provide integrated trainings for teachers, children and parents thus creating a risk prevention environment and correct behaviour instructions in schools; c) To promote *the "Culture of Risk"* creating a Euro-Mediterranean Network of school establishments and performing a sound dissemination campaign.

**Project actions:** Actions and means involved: a) To perform a survey in schools for the development of an integrated pathway for risk prevention into school curricula and to design shared teaching methodology and tools; b) To develop teaching tools and to train teachers for risk prevention; c) To involve stakeholders in the main stages of the project providing them recommendations for official integration of risk prevention into school curricula; d) To implement training in selected pilot schools in each country and to launch a regional Civil Protection competition for students; e) To promote and organise dynamic and interactive e-learning courses on risk prevention and disaster risk management f) To design and implement a sound dissemination campaign addressed to students of all ages, parents and teachers, including the development of a project web site and newsletter, with the aim to build up a Euro-Mediterranean network of schools active in the dissemination of the "culture of risk".

**Project leader:** It is coordinated by Region of Molise Civil protection Unit, Coordinator.

**Partners:** Italy, Spain, Greece, Croatia and Austria.

**Project dates:** 24 months of project starting from October 2010.

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# The Civil Protection Financial Instrument



## Calls for tenders 2010:

**Objective:** to select a contractor able to design, organise, promote, manage, monitor and evaluate the system of exchange of experts in civil protection for a 24 month period over mid 2010 - mid 2012.

**Call for tender: Organisation of a European exchange of experts in civil protection (2010/S 75 -111239)**

- ECHO.0.4/SER/2010/01 : OJ 2010/S 75 -111239 (17/04/2010)
- **Deadline for receipt of offers: 11/06/2010 (closed)**

**Call for tender: Strengthening the EU disaster management capacity - good practices on disaster prevention (2010/S 37-053087)**

- ENV.A.4/SER/2010/0004: OJ 2010/S 37-053087
- **Deadline for receipt of offers: 06/04/2010 (closed)**

### Tender documents:

- ✓ Invitation to tender
- ✓ **Specifications**
- ✓ Model service contract

**Web site:** [http://ec.europa.eu/echo/civil\\_protection/civil/prote/calls.htm](http://ec.europa.eu/echo/civil_protection/civil/prote/calls.htm)

**Objectives:** The overall aim of this study is to provide the Commission with an inventory and assessment of good practices in disaster prevention and draft guidelines for minimum standards.

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# The Seventh Framework Programme for Research and Technological Development (FP7) 2007-2013:

- The importance of **citizen protection from risks** within the European Union policies is a **high priority**. *Natural hazards* have been *the subject of EU research since the 1980s*, with the overall objective of understanding processes, comprehensive risk assessment, forecasting and *risk management and mitigation*.
- For instance, since 1987, DG Research has provided financial support for around *fifty research projects in the field of earthquakes*.
- The projects have *various strategic objectives*. Some aim to define *methods for predicting earthquakes*, and in this respect there is still much ground to cover.
- Other projects are working towards strengthening buildings, bridges and other types of constructions, so as to make them more resistant to shock waves.
- *Under FP6, the EU supported 21 projects*, some of which focused on particular types of Natural hazards while others took a more overarching approach.

**Natural disasters cannot be entirely prevented**, being an integral part of our changing planet. **As such, EU research focuses on devising early warning tools and risk assessment techniques, in order to implement planning and mitigation strategies for before and after events.**



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# The Seventh Framework Programme for Research and Technological Development (FP7) 2007-2013:

## Objectives:

- **Framework programmes' (FPs)** have been the main financial tools through which the European Union *supports research and development activities covering almost all scientific disciplines*. FPs are proposed by the European Commission and adopted by Council and the European Parliament following a co-decision procedure.
- **FPs have been implemented since 1984** and cover a period of five years with the last year of one FP and the first year of the following FP overlapping. It has been proposed for *FP7, however, to run for seven years*. It will be fully operational as of 1 January 2007 and will expire in 2013.
- **It is designed to build on the achievements of its predecessor** towards the *creation of the European Research Area*, and carry it further towards the development of the knowledge economy and society in Europe.
- FP7 supports research in *selected priority areas*;
- It represents a **41% budget increase from FP6** at 2004 prices

## What's new?

- Main new elements compared to FP6:
- Duration increased from 5 to 7 years (except for Euratom FP)
- Annual **budget increased significantly**
- New structure: **Cooperation, Ideas (ERC), People, Capacities, Euratom and JRC activities**
- Basic research (~ €1 billion per year): **European Research Council**
- Funding of **research infrastructures**
- **Flexible funding schemes**
- **Simpler procedures**



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# The Seventh Framework Programme for Research and Technological Development (FP7) 2007-2013:

**FP7 (2007-2013) - The Structure:** The European Community part of FP7 is organised in four programmes corresponding to four basic components of European research:

**Cooperation – Collaborative research**

**Ideas – Frontier Research**

**People – Marie Curie Actions**

**Capacities – Research Capacity**



Three 'Specific programmes'

**JRC non-nuclear research**

**Euratom direct actions – JRC nuclear research**

**Euratom indirect actions – nuclear fusion and fission research**



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# The Seventh Framework Programme for Research and Technological Development (FP7) 2007-2013:

## What is the overall budget for FP7?

• In the Commission's amended proposals for FP7, it was proposed that the maximum overall amount for Community financial participation in the EC FP7 should be **EUR 50 521 million for the period 2007 - 2013**. For nuclear research and training activities carried out under the Euratom treaty EUR 2751 million are foreseen for 2007-2011. Under FP7 (2007-2013), the EC has **made available different research funds in the area of Civil Protection actions** specifically designed to **Security, Space and Environment themes** (see the related Work Programmes).

## Calls for proposals 2010-2011:

The European Commission funds **Security, Space and Environment research** by selecting project proposals submitted following the publication of a **"Call for proposals"**. The calls of the Security, Space and Environment **Work Programmes** and themes are announced on **the FP7 calls page** at : <http://cordis.europa.eu/fp7/dc/index.cfm>

**NB: COOPERATION Theme 6 – Environment (Including Climate Change). The next Call for proposals will be published on the FP7 calls page on July 2010.**

**Eligible candidate and beneficiaries:** a wide range of participants from universities, through public authorities to small enterprises and researchers in developing countries.

## Key groups of potential participants and interested parties :

- **Private companies** – such as small and medium sized enterprises (SMEs), private research institutes or other industrial participants.
- **Public organisations** – for example, public universities, regional authorities, public research organisations (PROs).
- **Individual researchers** – from both the public and private sectors.
- **Researchers and organisations** outside the European Union – whether from Candidate Countries, Associated States, developing countries, emerging economies or industrial nations.
- **'International cooperation partner country'** means a third country which the European Commission classifies as a low-income, lower-middle-income or upper-middle income country and which is identified as such in the FP7 work programmes. **MPCs are included in the ICPCs.**

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# The Seventh Framework Programme for Research and Technological Development (FP7) 2007-2013:

FP7 objectives and budget details designed to **Security**, **Space** and **Environment** Themes within the framework of Cooperation programme.

- **Security Research:** Under FP7 (2007-2013), the EC has made *EUR 1.4 billion* specifically available for Security Research.
- **Objectives:** The EU FP7 Security Research aims **to develop technologies** and knowledge needed **to ensure the security of citizens from threats from** non-state actors, **natural disasters** and industrial accidents while respecting fundamental human rights.
- **Space theme under FP7:** The EU Member States have earmarked *more than € 1.4 billion* for funding this theme over the duration of FP7.
- **Objectives:** The aim of the Space theme under FP7 is to support a **European Space Programme** focusing on applications such as "Global monitoring for environment and security" (GMES) with benefits for citizens and for the competitiveness of the European space industry. **Emphasis will be given to the following activities: developing satellite observation systems and the GMES services for the management of the environment, security, agriculture, forestry and meteorology, civil protection and risk management. Etc., etc.**
- **Environment theme :** The EU has earmarked a total of *€ 1.9 billion* for funding this theme over the duration of FP7.
- **Objectives.** The main objective of *research for the environment under FP7* is to promote the sustainable management of both the man-made and the natural environment and its resources.
- **Funded actions** focus on: predicting changes in climate, ecological conditions, earth and ocean systems; *tools and technologies for monitoring, prevention and mitigation of environmental pressures and risks* including health risks; sustainability of the natural and man-made environment. Etc

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# The Seventh Framework Programme for Research and Technological Development (FP7) 2007-2013:

Examples of projects supported under the Security Research theme.

## *Title: SECURENV - Assessment of environmental accidents from a security perspective*

**Objectives:** to increase the knowledge base needed to ensure the security of the natural environment. **The project will analyse major industrial and environmental accidents from a security perspective** using foresight methods and scenario-building techniques to give end-users a better understanding of future risks. **Natural phenomena** (fires, floods), industrial accidents (chemical, biological etc.) and other possible threats in a broad perspective will be investigated.

### **Project actions :**

- > The review and analysis of past environmental accidents, **catastrophes** and effects of human actions.
- > The establishment of data-bases with relevant information for end-users.
- > The identification of novel and emerging threats on the environment as well as the technological opportunities.
- > The development of an appropriate foresight methodology and potential scenarios involving future environmental risks and its use for investigating policy options.

**Project leader:** It is coordinated by Geonardo Environmental Technologies Ltd, Hungary,

**Partners:** It has three partners from Hungary, Germany and Sweden. The Swedish Defence Research Agency, FOI, Sweden, Adelphi Research gGmbH, Germany

**Project dates:** It will run from April 2009 to March 2011

**Project Web site :** <https://www.securenv.eu/>  HERIMED

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# The Seventh Framework Programme for Research and Technological Development (FP7) 2007-2013:

Examples of projects supported under **COOPERATION Theme 6 – Environment (Including Climate Change)**  
Call Identifier: FP7-ENV-2009-1 Deadline: 8 January 2009 FP7-NMP-ENV-2009-2 Deadline: 31 March 2009  
Catalogue of projects 2009.

## List of funded research projects:

- a) **FUME** - Forest fires under climate, social and economic changes in Europe, the Mediterranean and other fire-affected areas of the world CP IP,
- b) **ConHaz** - Costs of Natural Hazards CSA-CA,
- c) **SYNER-G** - Systemic Seismic Vulnerability and Risk Analysis for Buildings, Lifeline Networks and Infrastructures Safety Gain CP-FP,  
All these abovementioned projects are submitted within **Activity: 6.1 CLIMATE CHANGE, POLLUTION, AND RISKS and Sub-Activity: 6.1.3. NATURAL HAZARDS.**
- d) **PERPETUATE** - Performance-based approach to the earthquake protection of cultural heritage in European and Mediterranean countries within the **Activity 3.2.1.1**
- e) **FIRESENSE** - Fire Detection and Management through a Multi-Sensor Network for the Protection of Cultural Heritage Areas from the Risk of Fire and Extreme Weather Conditions within the **Activity: 6.3 ENVIRONMENTAL TECHNOLOGIES and Sub-Activity: 6.3.2. PROTECTION, CONSERVATION AND ENHANCEMENT OF CULTURAL HERITAGE, INCLUDING HUMAN HABITAT.**



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# The Seventh Framework Programme for Research and Technological Development (FP7) 2007-2013

Example of project: Catalogue of projects 2009

Call Identifier: FP7-ENV-2009-1

**Title: Performance-based approach to the earthquake protection of cultural heritage in European and Mediterranean countries, PERPETUATE**

**Objectives:** intends to develop **European Guidelines for evaluation and mitigation of seismic risk to cultural heritage assets**, with innovative techniques for the seismic strengthening of historical buildings and the preservation of artworks. **The main deliverable** of the project will be made by a **main document, which outlines the safety and conservation conceptual approach and the overall methodology**, and other specific documents, describing the different components of the risk analysis. Two different problems are considered: a) assessment of a single cultural heritage asset (**hazard analysis**; investigations for the **building knowledge**; seismic analysis); b) policy initiatives for seismic risk mitigation (simplified vulnerability and risk analysis at territorial scale). Other important deliverables will come out from the application and validation of the methodology **in two case studies, the Citadel of Algiers** and the historical centre of Rhodes, both in the UNESCO list of the World Cultural Heritage.

**Project leader:** It is coordinated by Università degli Studi di Genova IT.

**Partners:**1, Ente per le Nuove tecnologie l'Energia e l'Ambiente IT, Bureau De Recherches Geologiques et Minieres FR, Aristotelio Panepistimio Thessalomikis, National Technical University of Athens EL, Univerza V Ljubljani SI, University of Bath UK, Usthb/Lbe DZ, Gradbeni inštitut ZRMK d.o.o. SI, Entreprise de Travaux de Bâtiment Mekhati

**Project duration:** 36 months

**Project Web site :** <http://www.perpetuate.eu/>

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# The Seventh Framework Programme for Research and Technological Development (FP7) 2007-2013:

Example of project: **Catalogue of projects 2009**

Call Identifier: **FP7-ENV-2009-1 (2)**

**Title: Systemic Seismic Vulnerability and Risk Analysis for Buildings, Lifeline Networks and Infrastructures Safety Gain, SYNER-G**

**Objectives** :SYNER-G is research project which has the following main goals: (1) To elaborate appropriate, in the European context, fragility relationships for the **vulnerability analysis** and loss estimation of all elements at risk, for buildings, building aggregates, utility networks (water, waste water, energy, gas), transportation systems (road, railways, harbors) as well as complex medical care facilities (hospitals) and fire-fighting systems. (2) To develop **social and economic vulnerability relationships for quantifying the impact of earthquakes**. (3) To develop a unified methodology, and tools, for systemic vulnerability assessment accounting for all components (structural and socio-economic) exposed to seismic hazard.

**Project leader:** It is coordinated by Aristotele University of Thessalonikis EL

**Partners:**VCE Holding GmbH AT, Bureau De Recherches Geologiques et Minieres FR, Commission of the European Communities-Directorate General Joint Research Centre-JRC BE, Stiftelsen Norges Geotekniske Institutt NO, Università degli Studi di Pavia IT, Università degli Studi di Roma la Sapienza IT, Middle East Technical University TR, AMRA-Analisi e Monitoraggio del Rischio Ambientale Scarl IT, Universitaet Karlsruhe TECHNISCHE HOCHSCHULE DE, Univeristy of Patras EL, Willis Limited UK, The Board of Trustees of the University of Illinois US, Kobe University JP.

**Project duration:** 36 months

**Project Website :** <http://www.vce.at/SYNER-HERIMED>

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# The Seventh Framework Programme for Research and Technological Development (FP7) 2007-2013:



## What's new?

Next WORK PROGRAMME 2011 – Cooperation - THEME 6 ENVIRONMENT (INCLUDING CLIMATE CHANGE) for years 2011-2013.

- The EC is drafting the next WP 2011 THEME 6 ENVIRONMENT. The preliminary draft of the WP 2011 - edited on 12 FEBRUARY 2010 - mentions the so called **Sub-Activity 6.1.3 Natural Hazards**.
- WP 2011 will put emphasis on essential **knowledge developments** that will contribute to better protect society and **enable improved prevention against risks** and damages and to provide integrated solutions for adaptation to climate change. **Forecasting, prediction and early warning** represent certainly a priority way to **improve management of risks** and enable better governance that will increase the security of exposed population. Furthermore reflecting on the necessary **adaptation/mitigation measures** in the context of new threats and potential new disasters related to climate change is necessary for the preparedness in sensitive areas.
- Merging forces into research knowledge, networking and practices is a prerequisite for more coherent scientific approaches to increase resilience of vulnerable population and world regions.

- The Indicative **budget** in € and the content of the WP 2011 need to be confirmed :
  - **Sub-Activity 6.1.3 Natural Hazards**. The following areas of research will be financed by the EC:
    - **Area 6.1.3.1 Hazard assessment, triggering factors and forecasting**.  
ENV.2011.1.3.1-1 Towards real-time earthquake risk reduction:
    - **Area 6.1.3.2 VULNERABILITY ASSESSMENT AND SOCIETAL IMPACTS**  
ENV.2011.1.3.2-1 Building a culture of resilience to disasters in Europe.
    - **Area 6.1.3.3 RISK ASSESSMENT AND MANAGEMENT**  
ENV.2011.1.3.3-1 Better prevention and management of volcanic eruptions.
    - **Area 6.1.3.4 MULTI-RISK EVALUATION AND MITIGATION STRATEGIES**  
ENV.2011.1.3.4-2 Capacity building in natural hazards risks reduction .
- NB: The Call for proposals will be published on July 2010.**

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# The Seventh Framework Programme for Research and Technological Development (FP7) 2007-2013:

## Area 6.1.3.1 Hazard assessment, triggering factors and forecasting.

### ENV.2011.1.3.1-1 Towards real-time earthquake risk reduction. (OPEN in 2011)

#### Objectives:

- Recent disasters have shown how much it is important to protect population, infrastructures and cities against potentially disastrous earthquakes. It is therefore necessary to capitalise, develop and improve in a multidisciplinary context **a real-time efficient risk mitigation system /early warning capacity for the protection of people and society**. This will need the development of rapid processing and active controls within seconds and the elaboration of automated estimation/decision making processes. **Innovative solutions** are therefore needed to enable rapid detection, alert, damage assessment, response and decision support within few minutes. Furthermore **research effort should also include short term forecast of foreshocks and seismicity changes** and of aftershocks evolution and contribute to improve **short-term earthquake predictability**.

- **Research** should consider as well within an **interdisciplinary partnership** the needs, acceptance and behaviour of end users and decision makers in relation to the whole communication chain related to EW as well as the performance of such a system. Focus should be given to hotspots regions in Europe and outside (e.g. Caribbean) and to large cities at high risk. Collaboration needs to be foreseen with leading institutions and scientists around the world e.g. Europe, Japan, US, China, India, Taiwan, Mexico, Chile.

- **The Funding scheme:** Collaborative Project (large scale integrating project).

- **Expected impact:** Increase the potential for reducing seismic risk in large urban areas. Better prevention of risks and reduction of societal exposure. Improvement of the scientific basis for the design of an effective real-time risk mitigation system accepted by users enabling timely alerts and that would **enhance preparedness and response capacity**. New advances in predictability and short term forecast. Contribution to the international effort in this field.



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# The Seventh Framework Programme for Research and Technological Development (FP7) 2007-2013:

## Area 6.1.3.2 VULNERABILITY ASSESSMENT AND SOCIETAL IMPACTS

### ENV.2011.1.3.2-1 Building a culture of resilience to disasters in Europe. (OPEN in 2011)

**Objectives:** In the frame of an interdisciplinary context involving social and natural sciences, research should develop a conceptual and methodological approach to clarify how **the resilience capacity<sup>(1)</sup> of a society** confronted **to natural hazards and disasters** can be characterized, defined and measured.

- Based on well analysed and representatives case studies or given situations, one should develop a way to assess the state of resilience and propose strategies and support measures to organise and improve it.
- Attention should be paid to scale (spatial and temporal) and to their interactions. Further consideration/clarification need also to be given to associated concepts like preparedness, risks governance, capacity building.
- **The Funding scheme:** Collaborative Project (small or medium-scale focused research project).
- **Expected impacts:** New clarified and largely accepted concept(s) and methods to define and measure the resilience of a society to disasters. Elaboration of a framework for a more comprehensive approach to be shared and tested in Europe and elsewhere. Identification of mechanisms and measures to enhance resilience, change human behaviour/perception and improve prevention.

1. Resilience means the ability of a system, community or society exposed to hazards to resist, absorb, accommodate to and recover from the effects of a hazard in a timely and efficient manner, including through the preservation and restoration of its essential basic structures and functions (UNISDR, 2009).

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# The Seventh Framework Programme for Research and Technological Development (FP7) 2007-2013:

## AREA 6.1.3.3 RISK ASSESSMENT AND MANAGEMENT

### ENV.2011.1.3.3-1 Better prevention and management of volcanic eruptions. (OPEN in 2011)

- **Objectives:** Eruptions likely to occur are always preceded by volcanic unrest period and pre-eruptive precursor signals. How to distinguish between unrest leading to eruption from unrest which doesn't.
- The **research** should therefore develop **the knowledge related to pre-eruptive processes for representative and dangerous volcanoes**. Improve the Advances in modelling and monitoring capacity need to be assured within a multidisciplinary collaboration framework. From the analysis of volcanic unrest taking into account uncertainties, the project should develop and produce better probabilistic assessments leading to better plans for the management of volcanic crisis and the improvement of forecasting and communication procedures.
- **The Funding scheme:** Collaborative Project (small or medium-scale focused research project) for specific cooperation actions (SICA) dedicated for international cooperation partner countries (focus on Latin America)
- **Expected impacts:** Improve preparedness and warning capacity in collaboration with end users through the establishment of reliable precursors for relevant volcano types; provide better hazard probabilities and quantitative levels of alert; enable improvement of near real time data processing.



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# The Seventh Framework Programme for Research and Technological Development (FP7) 2007-2013:

## AREA 6.1.3.4 MULTI-RISK EVALUATION AND MITIGATION STRATEGIES

### ENV.2011.1.3.4-2 Capacity building in natural hazards risks reduction. (OPEN in 2011)

- **Objectives:** The goal is to increase the **sharing of know-how and best practices in disasters risk reduction** related to key hazards affecting vulnerable societies around the world. European and international (e.g. ISDR ) networking capacity should therefore be reinforced to better valorise and capitalise existing reliable scientific knowledge and organise efficient transfer and use of it in collaboration with key stakeholders.
- Consideration needs also to be given to the notion of integrated risk assessment, uncertainties and scientific advice. **Studies, case analysis, lessons learned from events, think-tanks should be part of the process.** Furthermore consideration should be given on how to build a long-term hazard research network. The participation of SMEs to facilitate research collaboration, exchange, synergies and improved coherence in communication is encouraged.
- **The Funding scheme:** Coordination and Support Action (coordinating action).
- **Expected impact:** Improvement of mechanisms for knowledge transfer from science to application; Exchange of best practices and know-how. Built a flexible networking capacity in natural hazard research for more efficient collaboration on global common issues and also amongst social and natural scientists Guidance on the prioritisation for subsequent natural hazard research issues.



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# The 8th Framework Programme of the European Commission (2014-2020)



## Objectives:

- It would be interesting to find out what the objectives of the programme are and what are the areas of research or implementation that are encouraged. Even if it may seem a lot of time ahead, **experts agree on stating that this year 2010 is the right moment to act;**
- **The National Research Council - CNR of Italy, encourages the preparation of the Report "EACH Project" (edited on May 2010)** on the next priorities for different research topics on the Safeguard of Cultural Heritage facing Natural and man-made disasters, that should be clearly mentioned in the 8<sup>th</sup> Framework Programme.
- This Report is a **bottom-up initiative** to be supported by thousands of scientists and technologists of the 27 Member States and the 9 Mediterranean Partners, open to further suggestions. CNR will submit the Report to the attention of all the appropriate Authorities and in particular to the European Commission as a contribution to the future "**Discussion Document**" to be prepared for the next Framework Programme that might start next 2014.
- **The purpose of the EACH Project** is to show how crucial may prove the contribution of scientists and technologists saving our common Patrimony and saving public money often wasted for erroneous interventions.



- For the 8<sup>th</sup> Framework Programme the European Commission should complete its proposal in autumn 2011 followed by a discussion of its text with European Parliament and the Council during 2012.
- The final adopted text should be ready in the middle of 2013 and its formal start in 2014.



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## LIFE+ (2007 – 2013)



### Objectives of the programme :

The general objective of LIFE is to contribute to the implementation, updating and development of EU environmental policy and legislation by co-financing pilot or demonstration projects with European added value.

### Programme duration :

LIFE began have been three complete phases of the programme (*LIFE I: 1992-1995, LIFE II: 1996-1999 and LIFE III: 2000-2006*). During this period, LIFE has co-financed some **3104 projects** across the EU, contributing approximately €2.2 billion to the protection of the environment.

### Eligible candidate and beneficiaries :

LIFE+ is open to public or private bodies, actors or institutions registered in the European Union. Project proposals can either be submitted by a single beneficiary or by a partnership which includes a coordinating beneficiary and one or several associated beneficiaries. They can be either national or transnational, but the actions must exclusively take place within the territory of the 27 Member States of the European Union.

### LIFE+ 2010 call for proposals :

**The fourth LIFE+ call for proposals** has been published on 04 May 2010, with up **to €243 million available for co-financing of projects** under three headings: **nature and biodiversity**, **environment policy and governance**; and **information and communication**.

**Project proposals should be sent to the relevant national authority** no later than **01 September 2010**.

Thereafter, national authorities will send project proposals on to the European Commission by 04 October 2010, and the Commission will check the outline projects against the LIFE+ eligibility criteria and will assess proposals on the basis of the LIFE+ selection and award criteria. Final announcement of the projects chosen for funding is expected in July/August 2011, with projects starting at the **earliest on 1 September 2011**.

### Total budget for 2007 – 2013:

The current phase of the programme, LIFE+, runs from 2007-2013 and has a **budget of €2.143 billion**.

Web site: <http://ec.europa.eu/environment/life/funding>

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## LIFE+ (2007 – 2013)



### Three Programme priorities :

#### 1. LIFE+ Nature and Biodiversity

Principal objective: to protect, conserve, restore, monitor and facilitate the functioning of natural systems, natural habitats, wild flora and fauna, with the aim of halting the loss of biodiversity, including diversity of genetic resources, within the EU by 2010.

#### 2. LIFE+ Environment Policy and Governance

The Nature & Biodiversity component continues and extends the former LIFE Nature programme. It will co-finance best practice or demonstration projects that contribute to the implementation of the Birds and Habitats Directives and the Natura 2000 network.

#### 3. LIFE+ Information and Communication

to disseminate information and raise awareness on environmental issues, **including forest fire prevention**; and to provide support for accompanying measures, such as information, communication actions and campaigns, conferences and training, including training on forest fire prevention.

### EU Co financing rates :

#### 1. LIFE+ Nature and Biodiversity projects

- The rate of the Union financial support shall be a maximum of 50 % of the eligible costs.
- Exceptionally, a maximum cofinancing rate of 75 % is applicable to proposals which target priority habitats/species of the Birds' and Habitats' Directives.

#### 2. LIFE+ Environment Policy and Governance

- The rate of the Union financial support shall be a maximum of 50 % of the eligible costs.

#### 3. LIFE+ Information and Communication

- The rate of the Union financial support shall be a maximum of 50 % of the eligible costs.

### Source:

<http://eurlex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:C:2010:114:0014:0017:EN:PDF>

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## LIFE+ (2007 – 2013)



Examples of projects supported within the first call for the LIFE+ programme (2007-2013).  
(LIFE08 ENV/GR/000558)

### **Title: Development of an integrated analysis system for the effective fire conservancy of forests.**

#### **Objectives:**

Project Objectives An important step in disaster management is the preparedness stage. This stage is directly connected with the reduction of risks. Evaluation of hazards, good planning, proper management strategies and co-operation are vital elements and will be the main focus of the CALCHAS project. The project will use a forest-fire simulation tool that is capable of estimating the evolution of a wild forest fire. The tool does this by using as inputs data on ignition points, real environmental conditions, the vegetation of the area and spatial information (iso contours and ground elevation).

#### **Project actions :**

The CALCHAS consortium will develop the system in accordance with the national and European policies. Operational trials will be carried out over a two-year pilot period in two case study areas: the northern Greek Grammos mountains, and the Troodos mountains in Cyprus. In each area, 10 meteorological stations will be installed to provide data for the system. Through the pilots, the project will:

- Improve the knowledge and skills of civil protection professionals/services on effective temporal and spatial planning of resources;
- Improve the knowledge and skills of decision-makers on evacuation planning; and
- Increase the effectiveness and readiness of fire brigades, civil protection, local communities and any other stakeholders to deal with forest fire threats.

**Project leader:** It is coordinated by Agricultural University of Athens – Chemistry Laboratory Iera Odos 75 11855 Athens Ellas.

**Partners:** MARAC Electronics S.A., Greece, National Technical University of Athens, Greece, TERRA NOVA Ltd., Greece, ARCTUROS, Greece, Union of Cyprus Communities, Cyprus.

**Project dates:** 01-MAR-2010 to 28-FEB -2013.

#### **Project Web site:**

<http://europa.eu/rapid/pressReleasesAction.do?reference=IP/08/1588&format=HTML&aged=0&language=IT&guiLanguage=en>

**Total Budget: 2,340,839.00**

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## LIFE+ (2007 – 2013)



Examples of projects supported within the first call for the LIFE+ programme (2007-2013).

### EC-Funded projects within Life + :

- The European Commission has approved *funding for 143 new projects* under the first call for the LIFE+ programme (2007-2013). The projects are from across the EU and cover actions in the fields of nature conservation, environmental policy, and information and communication. Overall, they represent a total investment of **€367 million**, of which the EU will provide €186 million.
- The second Life + call for proposals has been published by the European Commission on 15 July 2008. A total amount of **€207,5 million** is available for the 2008 call for proposals.
- The third LIFE+ call for proposals was published in the Official Journal (2009/C111/14) on 15 May 2009. The deadline for the submission of proposals is 15 September 2009.



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## Interreg IV C



### The overall objective:

to improve the effectiveness of regional development policies and instruments in the areas of innovation & the knowledge economy, and **environment & risk prevention**, in order to contribute to the economic modernisation and increased competitiveness of Europe. This objective will be achieved through the exchange, sharing and transfer of policy experience, knowledge and good practices. The INTERREG IVC Programme is an exchange and capitalisation programme which is fundamentally different from cross-border (A) and transnational (B) cooperation programmes. In particular it is not primarily dedicated to implementation or to experimentation but to the exchange of experience at policy level.

The programme provides funding for all regions of Europe plus Switzerland and Norway (regional and local public authorities) to exchange and transfer knowledge and good practice. **Two main priorities are targeted: 'Innovation and Knowledge economy' and 'Environment and Risk prevention'**. These priorities reflect the strategy of the European Union to encourage growth and jobs in line with the Lisbon and Gothenburg Strategy. INTERREG IVC finances the network element of the European Commission initiative Regions for Economic Change.

### Programme duration :

The INTERREG IVC programme is part of the European Territorial Cooperation objective of the Cohesion Policy for the period 2007-2013. It is financed by the European Regional Development Fund.

**Eligible candidate and beneficiaries:** National, regional and local public authorities, and in justified cases, bodies governed by public law\*. \*Please refer to the programme manual for a definition of "bodies governed by public law".

**Funding available for the period 2007-2013:** The programme has a **budget of up to € 321 million** from the European Regional Development Fund (ERDF).

**€ 302 million ERDF** is available for project funding, of which **€ 71.2 million** has already been allocated to projects approved in the first call for proposals.. Norwegian national funding: € 2.64 million. Additional national funding is available for Swiss partners.

### Web site:

<http://www.interreg4c.eu/>

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## Interreg IV C



### Types of interventions:

Two types of action are possible under INTERREG IVC

#### **Regional Initiative Projects**

- these are cooperation projects between partners on a shared regional policy issue within the thematic priorities of the programme.
- the intensity of Regional Initiative Projects varies from networking to intensive joint development of policy instruments and mini-programmes (i.e. projects including subprojects).
- regardless of this intensity, all Regional Initiative Projects must have a particular focus on the exchange of experience.

#### **Capitalisation Projects**

- these are cooperation projects dedicated to the transfer of good practices into the EU Structural Funds mainstream programmes of the participating regions.
- they build on existing good practices, involve policy makers, and develop an 'Action Plan'.
  - Some of the Capitalisation Projects will be labelled 'Fast Track Projects' and benefit from additional expertise from the European Commission as part of the Regions for 02/07/2010

### List of second call approved projects:

A further **74 projects** have been approved by the **Monitoring Committee on 5 November 2009** within the different priorities (download the full list at : <http://www.interreg4c.eu/> )

#### **PRIORITY 2: ENVIRONMENT AND RISK PREVENTION**

**Sub-Theme : Natural and technological risks (including climate change) > Two EC Funded projects :**

1) Acronym : **CivPro**

Title : Regional Strategies for Disaster Prevention

Lead Country Partner : Greece

2) Acronym : **MiSRaR**

Title: Mitigating Spatial Relevant Risks in European Regions and Towns

Lead Country Partner: Region South Holland South (The Netherland)

#### List of approved projects from first call:

**41 projects** have been approved under the first call, of proposals within the different priorities.

1) Acronym: **FUTURE forest**

Title: **FUTURE forest** Woodlands for Climate Change

Lead Country Partner:: Ministry of Rural Development, Environment and Consumer Protection (Germany)

2) Acronym:: **PRoMPt**

Title : Proactive Human Response to Wildfires Breakout: Measure and Prepare for it . Lead Country Partner:: Region Western Greece.

List of EC-funded projects (only for capitalisation projects) under the **3rd call** are not available yet. The call is open from 9 December 2009 - 5 March 2010.



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## Interreg IV C



### What 's news?

The next call for proposals within the framework of Interreg IVC programme will be launched at **the end of 2010 or at the beginning of 2011**. **Budget** : the EU will provide approximately **€ 100 million** for this last call for proposals.

**Which priorities ?** The next call for proposals should be open to all Programme priorities which are closely linked to the focus at EU level on sustainable growth, innovation and employment, known as the renewed Lisbon Strategy:

#### 1. Innovation & the knowledge economy

##### Sub-themes

- innovation, research and technological development;
- entrepreneurship and SMEs;
- the information society;
- employment, human capital and education.

#### 2. Environment & risk prevention

##### Sub-themes

- **natural and technological risks; climate change;**
- water management;
- waste prevention & management;
- biodiversity and preservation of natural heritage; air quality;
- energy and sustainable transport;
- cultural heritage and landscape

**Interreg IV Programme evaluation:** A company is currently in charge of the Programme evaluation. The STC could use **"programme evaluation information"** to better prepare the content of the next call for proposals. **Only one call for proposals and for Regional initiative Projects** will be launched and **the capitalization projects will not be financed any more**. It might be possible that, following the results of the abovementioned evaluation, **some sub themes will not be supported any more**. The programme evaluation is based on several questions, as follow:

- ✓ What does Interreg programme do?
- ✓ How did STC and experts manage it?
- ✓ Which priorities are concerned by the EC Funded projects?
- ✓ Why should we care about this sub theme during the current international crisis?

#### Interview dated 23.06.210 - National Contact Point of Interreg IV C programme:

Mr. Giuseppe Amoruso is pretty optimistic about the possibility **to keep alive (to finance)** the so called sub theme **"natural and technological risks; climate change"** within Priority 2.

**PLEASE: be aware of the current and future evaluation results when writing your Interreg IV C Regional Initiative proposal: HERIMED is in charge of the follow up!**

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## Interreg IV C



Examples of projects supported within the 2<sup>nd</sup> call for proposals –  
Projects approved by the Monitoring Committee on 5 November 2009

### **Title: CivPro - Regional Strategies for Disaster Prevention .**

#### **Objectives :**

The main objective of CivPro is to exchange and share know-how on the development of regional policies and on a strategic approach and model to prevent and reduce any potential threat and damage inflicted on people, property, environment and society as a whole by accidents and disasters, including both natural and manmade disasters.

#### **Project actions :**

The project is focussed on developing improved governance models to introduce cross-cutting thinking and approaches into disaster prevention in order to establish comprehensive regional policy approaches in terms of structures, organisation. The project results in overall policy recommendations and in tailor made regional Disaster Prevention Policy Plans developed on the basis of a pre-defined model tested at regional level. (Regional Initiative Project)

**Project leader:** It is coordinated by the Secretariat of Civil Protection, Ministry of Interior (Greece).

#### **Project Web site :**

<http://www.interreg4c.eu/>

#### **Total budget requested (EUR)**

1.892.220,00

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## Interreg IV C



Examples of projects supported within the 2<sup>nd</sup> call for proposals –  
Projects approved by the Monitoring Committee on 5 November 2009

The second round of INTERREG IVC applications closed on 30 January 2009.

### Title: MiSRaR- Mitigating Spatial Relevant Risks in European Regions and Towns

#### Objectives :

The MiSRaR project is about protecting the environment, people and property **against the destructive impact of natural and technological hazards**. Recently many instances of such hazards, which did much harm to homes and businesses and had a devastating impact on the landscape, could be observed in Europe. In response to this risk a growing number of European local and regional authorities have started to design and implement strategies to minimize the impact of such extreme events. These are called *“spatial mitigation strategies”* and are the first step in **disaster management**.

#### Project actions :

MiSRaR addresses the issue of mitigating relevant hazards through the inclusion of risk assessment and risk management in spatial planning. The project aims at the development of an integrated approach for risk assessment and risk management to assist regional and local government levels in the EU in developing their spatial mitigation plan for relevant risks. The dissemination of knowledge envisages a number of seminars, producing brochures on risk assessment and management accompanied by a “mitigation handbook” for local and regional policy and decision makers. (Regional Initiative Project).

**Project leader:** It is coordinated by the Region South Holland South (The Netherland)

#### Project Web site :

<http://www.interreg4c.eu/>

#### Total budget requested (EUR)

1.252.646,88

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## Interreg IV C



Examples of projects supported within the 1<sup>st</sup> call for proposals -  
The first round of INTERREG IVC applications closed on 15 January 2008.

### Title: FUTURE forest - Woodlands for Climate Change

#### Objectives :

The project aims to ensure that future European forests continue to deliver multiple benefits and to leave future generations forests that are well adapted and resilient to natural risks, including effects of climate change. The partnership consists of three regional public forestry authorities and four national public forestry authorities from seven EU Member States.

#### Project actions :

Regional Initiative Project

**Project leader:** It is coordinated by the Ministry of Rural Development, Environment and Consumer Protection (Germany)

#### Project Web site :

<http://www.interreg4c.eu/>

#### Total budget requested (EUR)

EUR 1.900.000,00

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## Interreg IV C



Examples of projects supported within the 1<sup>st</sup> call for proposals -  
The first round of INTERREG IVC applications closed on 15 January 2008.

**Title: PRoMpt - Proactive Human Response to Wildfires Breakout: Measure and Prepare for it**

### Objectives :

The aim of the suggested project is to exchange experiences and good practices in order to improve regional policies for coping with fires right after their outbreak in very sensitive areas, like the forest ones.

Since regional policies in terms of environmental protection and *risk prevention* constitute a vital issue towards the accomplishment of *the Gothenburg Strategy*, local and regional authorities in EU need to further work towards a more close and effective cooperation on such issues.

### Project actions :

This project, based on previously related activities focused on risk management, intends to move further and deal with exchange of experiences and good practices on methods, action plans or even tools, addressing the forest fires danger and crisis management right after the outbreak of a fire, and in particular, a wild one." (Regional Initiative Project).

**Project leader:** It is coordinated by the Region Western Greece

### Project Web site :

<http://www.interreg4c.eu/>

### Total budget requested (EUR)

EUR 1.517.423,30

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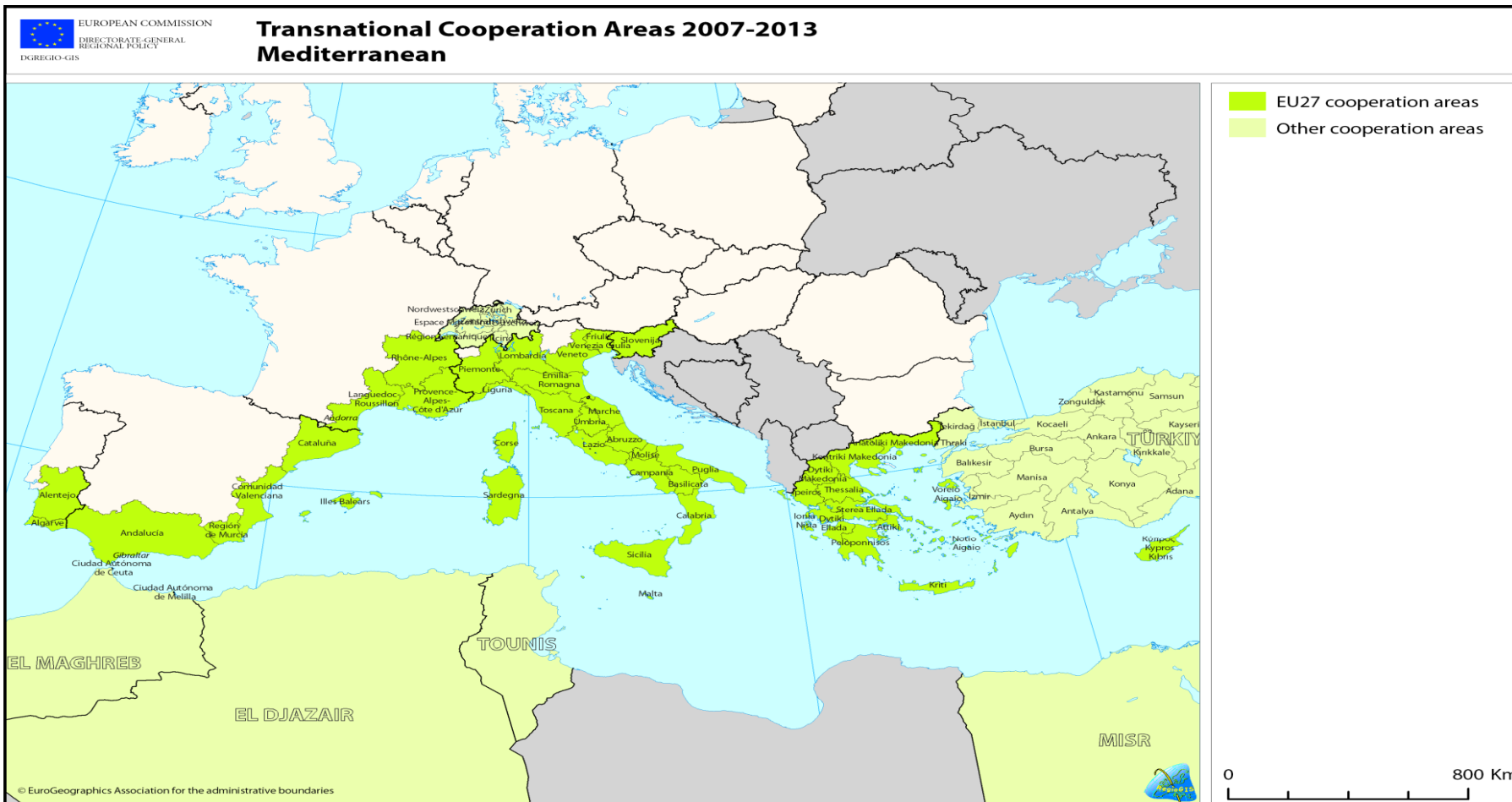
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# MED Programme



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## MED Programme



### The overall objective:

It continues the tradition of the European programmes for cooperation (previously named Interreg). It takes place within the objective « European territorial cooperation » of the period 2007-2013. It *aims at strengthening the European competitiveness* through **Regional competitiveness, employment and sustainable development**. With a budget of more than 250 Million euros, the programme covers the coastal and Mediterranean regions of nine EU Member States. The partnership is enlarged by the participation of Mediterranean countries which are candidates or potential candidates to the European Union.

**Programme duration :** 2007/ 2013

**Eligible areas:** Med programme covers the following areas:

- Cyprus: the entire country
- France: 4 regions - Corse, Languedoc-Roussillon, Provence Alpes Côte d'Azur, Rhône-Alpes
- Greece : the entire country
- Italy : 18 regions : Abruzzo, Apulia, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardy, Marche, Molise, Umbria, Piedmonte, Sardinia, Sicily, Tuscany, Veneto.
- Malta: the entire country
- Portugal : 2 regions - Algarve, Alentejo
- Slovenia: the entire country
- Spain: 6 autonomous regions - Andalusia, Aragon, Catalonia, Balearic islands, Murcia, Valencia - and the two autonomous cities - Ceuta and Melilla
- United-Kingdom : 1 region of economic programming - Gibraltar
- Beyond these regions, the participation of non eligible Med areas is possible but limited. In addition, the Med programme has invited Mediterranean countries candidates or potentially candidates to the European Union. With the starting of the programme, its cooperation area includes Croatia and Montenegro.

### Eligible candidates and beneficiaries:

State, regions, local institutions, public organisations, parks, civil protection, training institutions and research centres, professional organisations and other public equivalent bodies.

**Web site:** <http://www.programmemed.eu/>

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## MED Programme



### Types of calls for proposals

The Med Monitoring Committee defines and launches two types of call for proposal:

**Traditional calls for projects**, concerning all the axes and objectives developed in the Operational Programme,  
**Targeted calls for strategic projects**, based on terms of reference which will direct Lead partners towards specific themes, intervention fields or certain types of projects. The calls for projects are defined by the Monitoring Committee on the basis of specific preparatory initiatives and previous studies carried out under INTERREG IIIB or other EC programmes. Call for projects with special conditions can also allow the building of specific partnerships depending on the field of intervention or on the scope of the determined objectives. Conditions will be determined by the Monitoring Committee.

### Founding Available:

Total Budget: **193.191.331**

Financing plan of the OP by year

|      | ERDF       |
|------|------------|
| 2007 | 28.627.834 |
| 2008 | 25.959.876 |
| 2009 | 25.993.249 |
| 2010 | 26.942.100 |
| 2011 | 27.840.388 |
| 2012 | 28.609.294 |
| 2013 | 29.218.590 |

|              |                    |
|--------------|--------------------|
| <b>TOTAL</b> | <b>193.191.331</b> |
|--------------|--------------------|

### Priority Axes and Specific Objectives, standard project.

#### Axe 1: Strengthening innovation capacities

Objective1.1: Dissemination of innovative technologies and know-how.

Objective1.2: Strengthening strategic cooperation between economic development actors and public authorities

#### Axe 2 : Environmental protection and promotion of a sustainable territorial development

Objective 2.1: Protection and enhancement of natural resources and cultural heritage

Objective2.2: Promotion of renewable energies and energy efficiency improvement.

Objective 2.3: Maritime risks prevention and strengthening of maritime safety.

Objective 2.4: Prevention and fight against natural risks

#### Axe 3 : Improvement of mobility and of territorial accessibility

Objective 3.1: Improvement of maritime accessibility and of transit capacities through multimodality and intermodality  
Objective 3.2: Support to the use of information technologies for a better accessibility and territorial cooperation.

#### Axe 4 : Promotion of a polycentric and integrated development of the Med space

Objective 4.1: Coordination of development policies and improvement of territorial governance.

Objective 4.2: Strengthening of identity and enhancement of cultural resources for a better integration of the Med space.





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## MED Programme



Examples of projects supported within the 1st call for proposals –  
Projects approved by the Monitoring Committee on 2008

### Title: An Integrated European Model to Protect MEDiterranean Forests from Fire

#### Objectives :

The aim of the project is to develop and transfer, through common approach at transnational level, an integrated model for the prevention of forest fires. Focus will be placed on the **prevention phase fundamental for environmental**, economic, cultural and social sustainability.

#### Project actions :

In particular, 3 thematic areas (Work Packages WP) will be dealt with to ensure an integrated and effective model: 1) **The development of shared methods and techniques for risk mapping, assessment and monitoring**, by integrating new elements/risks not taken into consideration in existing risk models and prevention plans, e.g. characteristics of the forest, vulnerability of the territory, and climate change; 2) An economic and eco-compatible sustainable model for forest maintenance incl. the valorisation of biomass; 3) Information and training activities for effective environmental behaviour in risk areas and/or in risk situations.

**Project leader:** Province de Macerata (Italy) Marche

**Project Web site :** [http://www.programmemed.eu/en/projects/programmed-projects/database/results/view/single.html?no\\_cache=1&idProject=30&cHash=c9c7a07cdbce346f204ae5d5b7ab3ae6](http://www.programmemed.eu/en/projects/programmed-projects/database/results/view/single.html?no_cache=1&idProject=30&cHash=c9c7a07cdbce346f204ae5d5b7ab3ae6)

#### Total budget requested (EUR)

Budget ERDF (European Regional Development Fund) 1171105.00 €

Total of contributions ERDF 364435.00 € ERDF + Total of contributions 1535540.00 €

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## MED Programme

### 2<sup>nd</sup> call for proposals Results from the Selection Committee of the 27th and 28th of April 2010

- In the framework of the Selection Committee for the 2nd call for classical projects, **52 projects** have been selected.
- Two Projects** are approved on **Axis 2 and Objective 2.4: Prevention and fight against natural risks:**

#### 1<sup>st</sup> Project

**Title : Cyp.Fire**

#### 2<sup>o</sup> Project

**Title : FOR CLIMADAPT**

Web site:

<http://www.programmemed.eu/en/news/article/resultats-comite-de-selection-des-27-et-28-avril-2010.html>

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## MED Programme



### What 's news?

**2<sup>nd</sup> call for Strategic projects** will be lunched on the official web site on the programming period between **October 2010 and April 2011** (please check the web site) <sup>(1)</sup>.

- This call for proposals concerns only *strategic projects* and the conditions will be determined by the Monitoring Committee.
- It might be possible that the specific **Axe 2 : Environmental protection and promotion of a sustainable territorial development and Objective 2.4 Prevention and fight against natural risks** will not be financed any more. The Monitoring Committee is currently evaluating the programme.
- NB: No call for proposals are foreseen for *classical projects* for the next programming period between October 2010 and April 2011.

(1)NB : Interview dated 24.06.2010 with the NCP for Italy, Mrs. Carmela Cotrone.

The closing date for the 1st call for strategic project has been postponed to the 15th of September 2010. (Publié le 31 May 2010).

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# Enpi CBC Mediterranean Sea Basin Programme



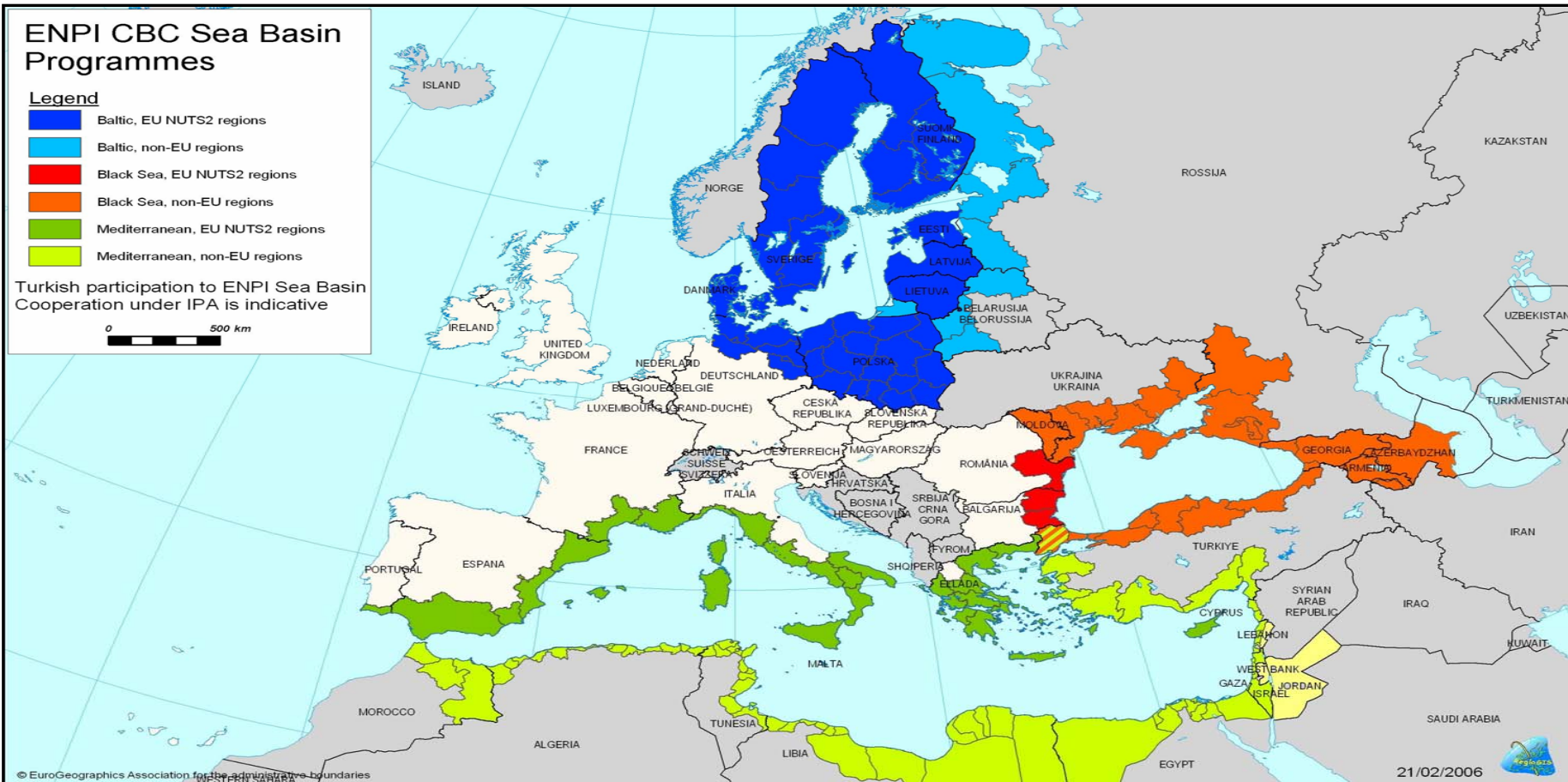
## ENPI CBC Sea Basin Programmes

### Legend

-  Baltic, EU NUTS2 regions
-  Baltic, non-EU regions
-  Black Sea, EU NUTS2 regions
-  Black Sea, non-EU regions
-  Mediterranean, EU NUTS2 regions
-  Mediterranean, non-EU regions

Turkish participation to ENPI Sea Basin  
Cooperation under IPA is indicative

0 500 km



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# Enpi CBC Mediterranean Sea Basin Programme



## Objectives:

it aims at reinforcing cooperation between the European Union (EU) and partner countries regions placed along the shores of the Mediterranean Sea.

## Programme duration :

The multilateral cross-border cooperation "Mediterranean Sea Basin Programme" is part of **the new European Neighbourhood Policy (ENP)** and of its financing instrument (**European Neighbourhood and Partnership Instrument - ENPI**) *for the 2007-2013 period.*

## Eligible Countries and beneficiaries :

17 regions belonging to 19 different countries are eligible to the Programme. 15 countries have already adhered to the Programme: **Cyprus, Egypt, France, Greece, Israel, Italy, Jordan, Lebanon, Malta, Morocco, Palestinian Authority, Portugal, Spain, Syria and Tunisia.** Main beneficiaries include regional and local public authorities, NGOs, associations, development agencies, universities and research institutes, as well as private actors.

## Programme Priorities:

The Operational Programme establishes a strategic framework of 4 Priorities jointly defined by the participating countries:

- 1) promotion of socio-economic development and enhancement of territories
- 2) promotion of environmental sustainability at basin level**
- 3) promotion of better conditions and modalities for ensuring the mobility of persons, goods and capitals
- 4) promotion of cultural dialogue and local governance.

**Web site :** <http://www.enpicbcmmed.eu/en/programme/>



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## Enpi CBC Mediterranean Basin Sea Programme



### Priority 2: Promotion of environmental sustainability at the Basin level:

pursued through the preservation of natural common heritage, **the reduction of risk factors for the environment**, the improvement of energy efficiency and the promotion of the use of renewable energy sources. It is composed of

**Measure 2.1 Prevention and reduction of risk factors for the environment and enhancement of natural common heritage.**

#### SWOT Analysis:

All territories participating in the Programme have a large natural and diversified heritage mainly composed of a rich maritime and land bio-diversity together with a unique landscape resulting from the combined effects of the **natural elements** and of the know-how of their population which have left their mark over the centuries. This capital is nevertheless fragile. **Environmental risks** and degradation **affecting the Mediterranean basin are different and** originate from human activities (industry, intensive agriculture, mass tourism, intensive and growing maritime traffic, etc.), but they **are also linked to the geographic specificities of the territories** and to demographic trends.

#### Areas of intervention:

i) fighting against land desertification, coastal erosion and littoralization in particular through activities aiming at improving the management of the forest/vegetation cover; ii) **prevention of natural risks (floods and fires)**; iii) water cycle management and fighting against sea and river pollution; etc, etc.

#### Project actions:

**Cross-border actions** and **transfer of prevention practices** with specific reference to new technologies and management systems, of approximation of procedures (**for prevention, evaluation of impacts and joint intervention in case of natural disasters** or caused by human activities), of management and monitoring of phenomena, of communication and awareness raising of local actors. These actions could be complemented by **pilot projects** which have a strong transferability potential, through research and innovation.

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# Enpi CBC Mediterranean Basin Sea Programme



## TYPE OF PROJECTS:

### A. Strategic projects

The topics of strategic projects are selected by the Joint Monitoring Committee, according to the main challenges of the cooperation area. They shall take into account the opportunities and strengths which characterize the Mediterranean basin and respond to the needs of the eligible territories. Strategic projects can be considered as:

1) **Horizontal**, giving priority to a specific thematic approach regarded as strategic for the cooperation area and involving several territories and partners on the two shores of the basin;

2) **Geographically** concentrated, focusing on the identification of shared solutions to common issues and challenges in a limited number of territories from the two shores of the basin.

#### Strategic projects budget

- Minimum threshold: € 2.000.000
- Maximum threshold: € 5.000.000

#### Countries represented in the partnership

- Minimum number: 4 including of which at least 1 EU Mediterranean Country and 1 Mediterranean Partner Country

### B. Standard projects

They are proposed by the local actors organized in cross-border partnerships, following the calls for proposals launched by the Programme.

#### Standard projects budget

- Minimum threshold: €500.000\*
- Maximum threshold: € 2.000.000

#### Countries represented in the partnership

- Minimum number: **3 including at least 1 EU Mediterranean Country and 1 Mediterranean Partner Country**

\*50% of the budget allocated to Priority 4 "Promotion of cultural dialogue and local governance" is dedicated to projects with a minimum threshold of € 200.000.



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## Enpi CBC Mediterranean Basin Sea Programme



### Funding:

The ENPI CBC Mediterranean Sea Basin Programme has a budget of **€ 173 million for the 2007 – 2013** period, coming from the **European Regional Development Fund** and the **Heading 4 of the EU budget - EU as global partner**.

### Budget:

- € 173,6 million of EU contribution, of which:
- € 156,2 million for financing of cross-border projects\*
- € 17,4 million for technical assistance.

### National co-financing:

**The EU contribution covers maximum 90%** of the project total budget, while the **remaining 10%** have to be provided by **the beneficiary/partners as co-financing**.

\*A minimum of 10% of this amount will be added as co-financing at project level.



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# Enpi CBC Mediterranean Basin Sea Programme



## What 's news?

The 1<sup>st</sup> call for proposals for strategic projects will be probably issued in **September – October 2010** and it will focus on **Programme Priority 1 and 2**, in particular on the following topics: (please check the web site)

### Priority 1

a. Definition of policies and promotion of pilot initiatives to support R&D , innovation and technology transfer, with particular attention to SMEs, and promotion of innovating SMEs clusters in the following sectors:

a1. Agro-food industry;

a2. Sustainable tourism based on the preservation and enhancement of cultural and natural heritage.

b. Promotion of joint planning methodologies with regard to integrated coastal management including maritime safety.

### Priority 2

c. Support to R&D, innovation and technology transfer, with particular attention to SMEs, in relation to waste treatment and recycling.

d. Water management with attention on:

- Quantity and quality of supply, with a focus on alternative water supplies and wastewater re-use

and/or

- Efficient use of water resources, with a focus on agricultural use.

e. Definition of policies and promotion of pilot initiatives to support R&D, innovation and technology transfer, with particular attention to SMEs, in the field of solar energy.

**NB : Priority 2/Measure 2.1 Prevention and reduction of risk factors for the environment and enhancement of natural common heritage is not mentioned on that call for proposals.**

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# Enpi CBC Mediterranean Basin Sea Programme



## Calls for proposals & provisional indicative timetable for 2008-2011.

According to the article 4 of the Implementing Rules, the Programme includes a provisional indicative timetable which specifies the dates for the launching of calls for proposals and those for the selection of projects. As indicated in the following table, **three calls for proposals are scheduled for standard projects - in 2008, 2010 and 2011 – and two for the strategic projects – in 2009 and 2011.**

ENPI/CBC-Mediterranean Sea Basin Final version

| Programme activities  | 2008 |    |     |    | 2009 |    |     |    | 2010 |    |     |    | 2011 |    |     |    | 2012 |    |     |    | 2013 |    |     |    | 2014 |    |     |    | 2015 |    |     |    | 2016 |    |     |    |  |  |  |  |
|---|------|----|-----|----|------|----|-----|----|------|----|-----|----|------|----|-----|----|------|----|-----|----|------|----|-----|----|------|----|-----|----|------|----|-----|----|------|----|-----|----|--|--|--|--|
|   | I    | II | III | IV | I    | II | III | IV | I    | II | III | IV | I    | II | III | IV | I    | II | III | IV | I    | II | III | IV | I    | II | III | IV | I    | II | III | IV | I    | II | III | IV |  |  |  |  |
| JMC meetings (a)  |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |  |  |  |  |
| Launching of the calls for proposals - standard projects (b)  |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |  |  |  |  |
| Establishment of the PSC and selection of standard projects   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |  |  |  |  |
| Launching of the calls for proposals - strategic projects (b) |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |  |  |  |  |
| Establishment of the PSC and selection of strategic projects  |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |  |  |  |  |
| Operational and financial monitoring of projects (c)          |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |  |  |  |  |

(a) According to Art. 12(4) of the Implementing Rules, the Joint Monitoring Committee shall meet as often as necessary and at least once a year.  
 (b) According to Art. 43 of the Implementing Rules, no call for tenders or call for proposals may be launched after 31/12/2013.  
 (c) According to Art. 43 of the Implementing Rules, all activities of projects financed by the Programme shall end by 31/12/2014 at the latest.



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Molise Region



Association for the documentation,  
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Municipality of Kalivia  
Thorikou Attika



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## More Information

### The Civil Protection Financial Instrument

[http://ec.europa.eu/echo/civil\\_protection/civil/prote/calls.htm](http://ec.europa.eu/echo/civil_protection/civil/prote/calls.htm)

### European Research Portal:

[www.ec.europa.eu/research](http://www.ec.europa.eu/research)

### General information on the Seventh EU Research Framework Programmes:

[www.ec.europa.eu/research/fp7](http://www.ec.europa.eu/research/fp7)

### Specific information on research programmes, projects and FP7 Call documents:

[www.cordis.europa.eu/fp7](http://www.cordis.europa.eu/fp7)

### General information requests:

[www.ec.europa.eu/research/enquiries](http://www.ec.europa.eu/research/enquiries)

### Interreg IV C :

<http://www.interreg4c.eu/>

### ENPI CBC Mediterranean Basin Sea Programme

<http://www.enpicbmed.eu/>

### LIFE + 2007-2013

<http://ec.europa.eu/environment/life/about/index.htm>

### MED Programme

<http://www.programmemed.eu/>

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## Thanks for your attention

**HERIMED**

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