

## 2015 LIST OF SELECTED PREPAREDNESS & PREVENTION PROJECTS

### PREPAREDNESS projects – Internal budget:

Seq. No.	GRANT AGREEMENT NO.	COORDINATOR	BENEFICIARIES	Title and description of the project	EU contribution (€/EUR)
1.	713774	<b>Cyprus Civil Defence (CCD) (CY)</b> 60 Athalassis Avenue P.O.Box 23830 1686	<ol style="list-style-type: none"> <li>1. Cyprus Civil Defence – (CCD) <b>(CY)</b></li> <li>2. Foundation for Research and Technology - (FORTH) <b>(GR)</b></li> <li>3. Earthquake Planning and Protection Organization - (EPPO) <b>(GR)</b></li> <li>4. DMAT Consulting KG <b>(AT)</b></li> <li>5. Cyprus University of Technology (CUT) <b>(CY)</b></li> <li>6. Decentralised Administration of Crete, Civil Protection Directorate - (CP-Crete) <b>(GR)</b></li> <li>7. Department Protezione Civile (DPC-Italy) <b>(IT)</b></li> <li>8. Civil Protection Department (CPD-Malta) <b>(MT)</b></li> </ol>	<p>Preparedness for Appropriate Accommodation in Emergency Shelters <b>(PACES)</b></p> <p>The project aims at strengthening civil protection preparedness and cooperation amongst participating states for direct response and reduction of the impact of natural disasters such as earthquakes including better planning and preparedness for accommodation after mass evacuation</p>	568.784,00€
2.	713785	<b>Centro Tecnológico del Mar - Fundación (ES)</b> CETMAR (CETMAR) Eduardo Cabello s/n 36208 Vigo	<ol style="list-style-type: none"> <li>1. INTECMAR - Instituto Tecnológico para el Control del Medio Marino de Galicia <b>(ES)</b></li> <li>2. Universidade de Vigo <b>(ES)</b></li> <li>3. Action Modulers <b>(PT)</b></li> <li>4. CIIMAR: Interdisciplinary Centre of Marine and</li> </ol>	<p>Enhancing HNS preparedness through training and exercising <b>(MARINER)</b></p> <p>In brief, the actions included in MARINER project consist of:</p> <ul style="list-style-type: none"> <li>• Compiling available information and knowledge relevant for HNS response to make them widely accessible through a friendly web based tool.</li> </ul>	748.910,00€

			<p>Environmental Research <b>(PT)</b></p> <p>5. Public Health England</p> <p>6. Cedre - Centre of Documentation, Research and Experimentation on Accidental Water Pollution <b>(FR)</b></p>	<p>Selected materials will be translated into operational products to facilitate their use by responders.</p> <ul style="list-style-type: none"> <li>• Improving the applicability and accessibility of modelling tools and methodologies for risk and impact assessment.</li> <li>• Adapting protocols and equipment for oil spill response and land-based events and defining good practice and lessons learnt through liaison with key experts from industry, civil defence and emergency responders.</li> <li>• Improving training and exercises by developing innovative processes, tools, materials and activities to aid the development of bespoke exercise scenarios and training packages.</li> <li>• Carrying out a target transfer of key outcomes to selected audiences.</li> </ul>	
3.	713788	<p><b>Cyprus University of Technology (CUT) (CY)</b> 30 Archbishop Kyprianou Street 3036 Limassol</p>	<p>1. Cyprus Civil Defense, (CCD) <b>(CY)</b></p> <p>2. Atlantis Consulting, Ltd., <b>(ACL) (CY)</b></p> <p>3. French Geological Survey / Bureau de Recherches Géologiques et Minières, <b>(BRGM) (FR)</b></p> <p>4. Foundation for Research &amp; Technology (FORTH) <b>(GR)</b></p> <p>5. Technical University of Crete, (TUC) <b>(GR)</b></p> <p>6. Geoview Systems Limited, <b>(GWS) (HU)</b></p> <p>7. European Research Institute (ERI) <b>(IT)</b></p> <p>8. Ascent Software, (Ascent)</p>	<p>Use of SDSS and MCDA to Prepare for Disasters or Plan for Multiple Hazards <b>(DECATASTROPHIZE)</b></p> <p>Improving cross border civil protection and marine pollution cooperation through regional cooperation concerning interoperability and preparedness for, direct response to and reducing impacts of natural and man-made disasters (e.g., fires, floods, earthquakes, landslides, earthquake/tsunami, wildfire and marine pollution-oil spills, coastal erosion, and industrial accidents).</p> <p>The goal of DECATASTROPHIZE <b>(DECAT)</b> is to use geo-spatial decision support systems <b>(GE-DSS)</b> for rapid deployment, interoperability, transferability and sustainability to assess, prepare for and respond to multiple and/or simultaneous natural and man-made hazards, disasters, and environmental</p>	655.862,00€

			<p><b>(MT)</b> 9. University of Alcalá, (UAH)</p> <p><b>(ES)</b></p>	<p>incidents by using existing models/systems in a synergistic way on ONE multi-platform, distributed and integrated FRAMEWORK called DECAT (<b>TETRAD</b>) in each partner country. The DECAT methodological FRAMEWORK will also integrate hazard/risk assessment with the common operational picture.</p>	
4.	718661	<p><b>AUTH</b> <b>Aristotle University of Thessaloniki</b> <b>Special Account of research Funds (AUTH)</b> <b>(GR)</b> KEDEA Building, 3 Septembriou, 54636 Thessaloniki</p>	<p>1. Office National des Forêts (ONF) (<b>FR</b>)</p> <p>2. Università degli Studi di Firenze - Dipartimento di Gestione dei Sistemi Agrari, Alimentari e forestali (UNIFI) (<b>IT</b>)</p> <p>3. Slovenian Forestry Institute – Slovenia (SFI) (<b>SI</b>)</p> <p>4. Centro de Servicios y Promoción Forestal y de su Industria de Castilla y León (CESEFOR) (<b>ES</b>)</p>	<p>Forest Roads for Civil Protection (<b>FORCIP+</b>)</p> <p>The project aims at improving the use of the rural road network in case of emergency, especially forest fires. Through transnational cooperation a wide range of inventories of existing road infrastructure will be accessible, different requirements will be met and a homogeneous model will be established. ICT applications will be developed to improve the efficiency in case of emergency; establish classifications and propose improvements on the maintenance of these facilities, all geared to issues of civil protection. Forest fire fighting vehicles will be equipped with GNSS in order to improve time response and increase fuel savings. Fire specialists will be able to use network analysis for resources planning, locating most suitable places for ground means waiting areas or identifying forest surfaces where takes longer to access. Other actors involved in emergencies will be able to use web management applications and public information.</p>	400.231,00€
5.	718661	<p><b>Entente pour la Forêt Méditerranéenne (EPLFM) (FR)</b> Centre Francis Arrighi Domaine de Valabre 13120 Gardanne -</p>	<p>1. Escola Nacional de Bombeiros (<b>PT</b>)</p> <p>2. Ministero Interno – Dipartimento dei vigili del Fuoco del soccorso pubblico e della difesa civile(<b>IT</b>)</p>	<p>Initiative for Global MaNagement of Big fires through Simulation (<b>IGNIS</b>)</p> <p>Big wildfire will increase in all parts of Europe due to climate change. Therefore, national resources to handle such fires will become more and more</p>	658.014,00€

			<p>3. Northumberland County Council, Fire and Rescue Service <b>(UK)</b></p>	<p>insufficient, and obstacles still remain as fire corps are managed differently in each country. By using a cost-effective and accessible simulation tool with a virtual environment close to real-life conditions, IGNIS will contribute to develop better preparedness of fire corps through a better coordination and creation of new procedures between countries participating in joint interventions related to big fires suppression. The project will test and assess in 4 countries (France, Portugal, Italy and the UK) a virtual environment training platform to develop fire officers' competences related to the mastering and practice of command chain processes in local and international suppression operations on big forest fires, and initiate a new European consortium, the IGNIS Fire Simulation Resources Centre, aimed at gathering in a medium term perspective European countries around simulation for preparedness, in compliance with EUCPM objectives and rules.</p>	
6.	718665	<p><b>BBK Bundesamt für Bevölkerungsschutz und Katastrophenhilfe/Federal Office of Civil Protection and Disaster Assistance (DE)</b> Provinzialstraße 93 53127 Bonn</p>	<ol style="list-style-type: none"> <li>1. University of Innsbruck, Innsbruck <b>(AT)</b></li> <li>2. Charles University, Prague <b>(CZ)</b></li> <li>3. Center for Psychotraumatology, Alexianer GmbH, Krefeld, <b>(DE)</b></li> <li>4. Norwegian Center of Violence and Traumatic Stress Studies, Oslo <b>(NO)</b></li> <li>5. University of Southern Denmark, Odense <b>(DK)</b></li> </ol>	<p>Assisting Disabled in Case of Disaster-Implementation <b>(EUNAD IP)</b></p> <p>The specific reactions and needs of sensory, physically and mentally disabled people in disaster settings are a known gap in psychosocial and mental health support. There is still a huge gap of knowledge about trauma exposure, psychological reactions and coping mechanisms that are associated with the prevention of posttraumatic stress among impaired individuals. An essential result of the previous EUNAD project was the appeal to extend the target groups to all kind of impairments, to develop training tools for the</p>	595.570,00€

				disabled themselves, to integrate the associations of the disabled in CP programs, to intensify research activities and to offer trainings for professionals working in disaster preparedness and response. EUNAD IP takes up this demands in its work plan	
7.	721166	<b>Federal Office of Civil Protection and Disaster Assistance (BBK) (DE)</b> Provinzialstraße 93 53127 Bonn	<ol style="list-style-type: none"> <li>1. Austrian Red Cross (ARC) <b>(AT)</b></li> <li>2. Romanian General Inspectorate for Emergency Situations (IGSU) <b>(RO)</b></li> <li>3. Babes-Bolyai University of Cluj (BBU) <b>(RO)</b></li> </ol>	<p>Raising young people's awareness on preparedness and self-protection <b>(YAPS)</b></p> <p>The main aims are to strengthen the self-help competencies of young people by offering training to the educational system of the partner countries, developing educational material (worksheets), computer games, and conducting Train-of-Trainer workshops.</p> <p>Desk research will involve screening existing emergency and disaster procedures, training systems and legal framework and defining the specific needs of younger people.</p> <p>The project will run for 24 months and the results will include Policy recommendations in each partner country - good practices included - and Guidelines for emergency and Disaster Management organizations on how to incorporate the needs of younger people into preparedness plans.</p>	712.000,00€
8. 9	713786	<b>Johanniter-Unfall-Hilfe e.V. / National Headquarters / Unit International Projects &amp; Cooperation (Johanniter) (DE)</b> Helbingstr. 47 22047 Hamburg	<ol style="list-style-type: none"> <li>1. Association of Samaritans of the Slovak Republic (ASSR) <b>(SK)</b></li> <li>2. Federal Government of Styria <b>(AT)</b></li> <li>3. Slovak Government Flight Service (Ministry of Interior of the Slovak Republic) <b>(SK)</b></li> </ol>	<p>EURACARE Flight &amp; Shelter <b>(EURACARE)</b></p> <p>The project aims to develop a multinational assistance team for the care of European citizens and other beneficiaries, with a special focus on minority groups (people with disabilities, elderly, unaccompanied kids and families), on evacuation spots in crisis areas worldwide. This team will be able to react flexibly in response to the necessities</p>	500.956,00€

		Germany		onsite in the area of evacuation standby as it can provide assistance in building-based short term sheltering and in terms of registration of large groups of evacuees, information management and the support of the consular authorities, as well as evacuation flights supported by medical and psychosocial trained team members. Through 24/7 availability of five different aircraft, a fast deployment of the response capacity can be guaranteed.	
<b>Total (EUR):</b>					<b>4.840.327,00€</b>

PREPARENESS projects – External budget:

Seq. No.	GRANT AGREEMENT NO.	COORDINATOR	BENEFICIARIES	Title and description of the project	EU contribution (€/EUR)
1.	713854	<b>Italian Civil Protection Department (IT)</b> Presidency of the Council of Ministers 11, Via Ulpiano 00193 Rome	<ol style="list-style-type: none"> <li>1. Cyprus Civil Defence <b>(CY)</b></li> <li>2. Palestinian Civil Defence <b>(PS)</b></li> <li>3. National Emergency Management Agency of Israel <b>(IL)</b></li> <li>4. Jordan Civil Defence <b>(JO)</b></li> <li>5. Fondazione Hallgarten - Franchetti Centro Studi Villa Montesca <b>(IT)</b></li> </ol>	<p>Protecting Mediterranean Cultural Heritage during Disasters <b>(PRO MED HE)</b></p> <p>On the background of a Mediterranean Region with increasing risks of natural and man-made disasters, five national civil protection authorities join their efforts to improve national and regional capacities for addressing the consequences of hazardous events on world renowned cultural heritage sites. The EU Civil Protection Mechanism methods and training programmes together with the Italian experiences in safeguarding cultural heritage in case of disaster will provide the basis for developing and testing common specialised civil protection capacities to be activated in case of need to protect the affected population and ensure the conservation of our common heritage.</p>	799.584,00€
2.	713854	<b>Instituto Superior Técnico (IST) (PT)</b> Avenida Rovisco Pais, 1 1049-001 Lisboa	<ol style="list-style-type: none"> <li>1. Action Modulers <b>(PT)</b></li> <li>2. Centre de Documentation, de Recherche, et d'Experimentations sur les Pollutions Accidentelles des Eaux <b>(FR)</b></li> <li>3. Agência Regional para o Desenvolvimento da Investigação Tecnologia e Inovação – Associação <b>(PT)</b></li> <li>4. Consorcio para el diseño, construcción, equipamiento</li> </ol>	<p>Multinational Response and Preparedness to Oil and Chemical Spills <b>(MARPOCS)</b></p> <p>The Lisbon Agreement, recently ratified by Spain, Morocco, France, Portugal and EU, envisions the regional cooperation in the case of marine pollution incidents. The overarching goal of MARPOCS is to take advantage of previously developed work at international and EU level in different aspects of accidental marine pollution, and to develop and implement an integrated operational framework for preparedness and response to oil and HNS spills in</p>	648.595,00€

			<p>y explotación de la Plataforma Oceánica de Canarias <b>(ES)</b></p> <p>5. Universidade de Las Palmas de Gran Canaria, Spain (affiliated entity: Fundación Canaria Parque Científico Tecnológico <b>(ES)</b>)</p>	<p>the Atlantic sub-region involving Morocco, Madeira and Canary Islands in the context of Lisbon Agreement, making it easily transferable and extendable to other areas.</p> <p>The general objective is achieved by the sharing and development of common guidelines, methodologies, model-based decision support tools and exercises adapted to the regions of study and promoted by effective implementation and training of local, regional and national authorities.</p> <p>MARPOCS will also promote the exchange of technologies and information between all the partners, and between authorities of the different countries, strengthening capacity for mutual assistance and multinational preparedness and response to accidental pollution episodes in this cross-border sub-region.</p>	
3.	721704	<p><b>Croatian Mountain Rescue Service, (HGSS) (HR)</b></p> <p>Kozarceva 22 10000 Zagreb</p>	<p>1. Mountain Rescue Service of Serbia (GSSS) <b>(RS)</b></p>	<p>Organisation and Improvement of SAR in non-urban and rural areas, ruins and collapsed objects <b>(CIPRAS)</b></p> <p>This project is focused on cross border cooperation between two national Mountain rescue services in know-how transfer and improvement of methodologies of management of SAR operations. Project activities include workshops, field excesses and test cases aimed to improvement of management of SAR operations in wildland, on the water, in snow conditions and in artificial constructions (ruins and collapsed objects).</p> <p>Expected result shall be much more shorten rescue operation time and by this fact much more successful achievement of life savings.</p>	234.857,00€
<b>Total (EUR):</b>					<b>1.683.036,00€</b>

**PREVENTION projects – Internal budget:**

<b>Seq. No.</b>	<b>GRANT AGREEMENT NO.</b>	<b>COORDINATOR</b>	<b>BENEFICIARIES</b>	<b>Title and description of the project</b>	<b>EU contribution (€/EUR)</b>
1.	713790	<b>UNITOV</b> <b>Università di Roma Tor Vergata</b> <b>Via O. (IT)</b> Raimondo 18 00173 Roma RM	<ol style="list-style-type: none"> <li>1. Samaritan International (SAMI) <b>(DE)</b></li> <li>2. Associazione Nazionale - Pubbliche Assistenze (ANPAS) <b>(IT)</b></li> <li>3. Croce Bianca di Bolzano <b>(IT)</b></li> <li>4. Samaritan association of Latvia <b>(LT)</b></li> <li>5. Ubilabs <b>(DE)</b></li> </ol>	<p><b>Inclusive Disaster Resilience Index (INDRIX)</b></p> <p>INDRIX combines the expertise of NGOs in civil protection and in social services. Together with public civil protection authorities and research partners previous project results will be collected, clustered, mapped and evaluated and combined with knowledge from other similar stakeholders, most importantly from the target group.</p> <p>In the project process, a social resilience index (SRI) will be developed to allow stakeholder self-assessment. The index will also support the identification of potential for improvement for a more inclusive disaster relief process chain. As an innovative aspect, technological aides used by the target group are defined as an indicator for inclusion and in consequence for social resilience.</p>	408.609,00€
2.	713831	<b>Institute of Government and Public Policies (IGOP) - Autonomous University of Barcelona (UAB)</b> <b>ICO</b> <b>PEdifici MRA (ES)</b> Campus de la UAB 08193 Bellaterra Barcelona	<ol style="list-style-type: none"> <li>1. Leuphana University Lüneburg <b>(DE)</b></li> <li>2. Istituto per la Ricerca Sociale soc. coop <b>(IT)</b></li> <li>3. Stichting vu-vumc. <b>(NL)</b></li> <li>4. Université Paris est Créteil Val de Marne <b>(FR)</b></li> </ol>	<p><b>Local Resilience Capacity Building for Flood Mitigation (CAPFLO)</b></p> <p>The project aims to promote participatory capacity building processes for flood mitigation at local level. It focuses on social and civic capacities, seeking to better understand how these resilient capacities operate to mitigate flood effects, how they could be participatory built at community level, and how these participatory capacity building processes could be transferred to other urban areas.</p>	539.155,00€

				<p>Within this frame the project pursues to:</p> <ul style="list-style-type: none"> <li>- design two consistent tools to assess and - develop social and civic capacities;</li> <li>- apply these tools in 5 pilot urban case studies in order to identify good practices and illuminate how these capacities could be built;</li> <li>- disseminate the results through a Guideline on social and civic capacity building</li> </ul>	
3.	713842	<p><b>Austrian Red Cross (AT)</b> Wiedner Haupt Str. 32 1040 Vienna</p>	<ol style="list-style-type: none"> <li>1. French Red Cross <b>(FR)</b></li> <li>2. Croatian Red Cross <b>(HR)</b></li> <li>3. Bulgarian Red Cross <b>(BG)</b></li> <li>4. German Red Cross <b>(DE)</b></li> <li>5. ISIS GmbH <b>(DE)</b></li> </ol>	<p><b>Assessing and strengthening resilience by involving neighbourhood networks (REcheck)</b></p> <p>The project will develop an interactive REcheck (resilience check) which will assess the preparedness of individuals and groups. Different types for accessing different groups (households, neighbours, subject-related groups) on grassroots level – the so called REcheck events (incl. assessment, training and networking) will be developed and tailored to fit target group, urban setting and cultural context.</p> <ul style="list-style-type: none"> <li>• Strengthening resilience of urban households and neighbourhoods by developing a resilience check &amp; using and adapting available awareness raising tools</li> <li>• Testing different formats for accessing neighbourhood networks</li> <li>• Testing the resilience-check in different urban settings</li> <li>• Strengthening local networks to support help amongst neighbours and resilience in emergencies</li> <li>• Establishing a methodology for assessing and mapping preparedness</li> </ul>	355.658,00€
4.	713844	<p><b>Fondazione Centro</b></p>	<ol style="list-style-type: none"> <li>1. Aristotle University of</li> </ol>	<p>Post-Emergency, Multi-Hazard Health Risk</p>	584.500,00€

		<p><b>Europeo Di Formazione E Ricerca In Ingegneria Sismica (IT)</b>  EUCENTRE (EUC)  Via Ferrata, 1, 27100 Pavia</p>	<p>Thessaloniki <b>(GR)</b>  2. Technisclie Universiteit Delft <b>(NL)</b>  3. D'Appolonia S.p.A. <b>(IT)</b></p>	<p><b>Assessment in Chemical Disasters (PEC)</b></p> <p>An integrated multi-hazard risk assessment toolkit will be developed and the validity of this model will be evaluated on a case study (sample area) by considering the effects on plant structures and infrastructures of hypothetic natural and manmade disasters, such as earthquake, flood or terroristic attack leading to accidental release of large amounts of toxic chemicals into the environment. Immediate and long-term population health impacts of the toxic chemicals absorbed either individually or in combination will be determined and quantified. A risk prioritisation matrix based upon damage level attainable in the infrastructures and potential public health risks will be developed to provide strategic risk information for public health planning.</p>	
5.	713849	<p><b>SIGMA Consultants Ltd (SIGMA) (GR)</b>  2, Patriarchou Ioakeim str.,  54622 Thessaloniki</p>	<p>1. Universidad Pablo de Olavide <b>(ES)</b>  2. Middlesex University Higher Education Corporation, Flood Hazard Research Centre <b>(UK)</b>  3. Research Centre for Geography and Regional Planning, Faculdade de Ciências Sociais e Humanas, Universidade Nova de Lisboa <b>(PT)</b>  4. Region of East Macedonia and Thrace <b>(GR)</b>  5. Agencia de Media Ambiente y Agua de Andalucia <b>(ES)</b></p>	<p><b>Integrating CBA in the Development of Standards for Flood Protection &amp; Safety (FLOOD CBA) (FLOOD CBA#2)</b></p> <p>FLOOD CBA#2 project is based on the capitalization of deliverables and know-how gained from FLOOD CBA project. FLOOD CBA#2 aims at integrating Cost-Benefit Analysis (CBA) into the decision making process for selecting the appropriate and most efficient flood protection standards in flood prone areas. Flood protection standards is a key factor of flood management plans since they specify the protection offered to a certain area from flooding. FLOOD CBA#2 will establish an EU transnational cooperation that will develop a state of the art guidance as well as necessary data sources and</p>	596.250,00€

			6. Municipality of Amandora (PT)	support structures for the appraisal of flood management standards and tracking of the most resilient investments. CBA will be used as a tool to demonstrate to project's stakeholders how to identify those flood protection standards which represent the most economically efficient solutions.	
6.	713851	<b>KIOS Research Center (CY)</b> University of Cyprus P.O.Box 20537 1678 Nicosia	1. Cyprus Civil Defence (CY) 2. KEMEA (GR)	<b>PREventing Disasters by CAPitalizing on unmanned aerial systems TEchnology (PREDICATE)</b>  The ultimate goal of PREDICATE is to develop the necessary methodologies to guide the selection and use of Unmanned Aerial Systems (UAS) in watch-keeping and patrolling of disaster-prone regions. To guide UAS selection, the project develops detailed needs assessment and technology review procedures. To guide the use of UAS, the project develops an intelligent path planning toolkit for efficient UAS operation. PREDICATE uses these methodologies to implement a series of prototypes for a number of regions (both domestic and cross-border) identified by the participating end-user partners. The project also facilitates the cooperation and coordination of the end-user partners on the subject matter.	255.650,00€
7.	718592	<b>National Institute for Public Health and the Environment (RIVM) (NL)</b> Antonie van Leeuwenhoeklaan 9 3721 MA Bilthoven	1. Public Health England (PHE) (UK) 2. Swedish Defence Research Agency (FOI) (SE)	<b>European Multiple Environmental Threats Emergency Network (EMETNET)</b>  The EMETNET project will provide a simple, robust and authoritative methodology to support the EU and Member States in undertaking rapid risk and impact assessments of emerging environmental threats. It will create a pilot network of independent risk assessors (back office) to support the Emergency	430.150,00€

				<p>Response Coordination Centre and the Health Emergency Operations Facility in the rapid scientific assessment of risks, to inform responders in the field and to contribute to harmonised risk management. Lessons learnt from past disasters, best practise identified in previous EU-funded projects and from stakeholder engagement with other European and Member States' authorities will help to ensure that the proposed approach is consistent with the needs of EU and Member States. The methodology and mechanism developed for serious cross-border chemical health threats (ECHEMNET project) will be expanded to allow the assessment of a broader range of emerging disaster risks in Europe.</p> <p>This approach will: support the existing exchange of information between the ERCC/HEOF in responding to such threats; help EU Member States through sharing and learning best practise; identify professionals with expertise in assessing the risks associated with a broad range of environmental hazards.</p>	
8.	718655	<p><b>Instituto Superior Técnico (IST) (PT)</b> Avenida Rovisco Pais, 1 1049-001 Lisboa</p>	<ol style="list-style-type: none"> <li>1. Laboratório Nacional de Engenharia Civil (LNEC) <b>(PT)</b></li> <li>2. Istituto Nazionale di Geofisica e Vulcanologia (INGV) <b>(IT)</b></li> <li>3. University of Iceland (EERC) <b>(IS)</b></li> </ol>	<p>Know your city reduce seismic risk through non-structural elements <b>(KNOWRISK)</b></p> <p>The project KnowRISK aims at facilitating local communities' access to expert knowledge on seismic risk and non-structural protective solutions into practical knowledge and communication tools designed to engage communities in disaster risk reduction.</p> <p>Around 70%-85% of construction cost goes into non-structural elements, their damage can strongly influence the ability of communities to cope with</p>	513.297,00€

				and recover from earthquakes. Moreover collapse or turnover of non-structural elements may obstruct the escape routes.	
9.	718679	<p><b>Centre Tecnològic de Telecomunicacions de Catalunya (CTTC) (ES)</b>  Av. Carl Friedrich Gauss, 7  E-08860 Castelldefels (Barcelona)</p>	<ol style="list-style-type: none"> <li>1. Instituto Geológico y Minero de España <b>(ES)</b></li> <li>2. Università degli Studi di Firenze <b>(IT)</b></li> <li>3. Centro Nacional de Información Geográfica and Instituto Geográfico Nacional <b>(ES)</b></li> <li>4. Consiglio nazionale delle ricerche, Istituto di Ricerca per la protezione idrogeologica <b>(IT)</b></li> </ol>	<p>Sentinel for Geohazards regional monitoring and forecasting <b>(SAFETY)</b></p> <p>SAFETY aims at providing Civil Protection Authorities (CPA) with the capability of periodically evaluating and assessing the potential impact of geohazards on urban areas. The project improves the effort in detecting and mapping geohazards, assessing their activity and evaluating their impact on built-up areas and infrastructure networks.</p> <p>This objective will be based on three pillars:  the performances of the Sentinel-1 sensor;  the development of a free tool that exploits it to periodically detect and monitor ground deformations; and  the exploitation of the tools and methods developed in the FP7 LAMPRE project to assess geohazard susceptibility and its impact on urban structures and infrastructures.</p>	643.640,00€
10.	718684	<p><b>UPC-CRAHI</b>  <b>Universitat Politècnica de Catalunya.</b>  <b>CRAHI (ES)</b></p> <p>Jordi Girona, 1-3  K2M –S104  08034 Barcelona</p>	<ol style="list-style-type: none"> <li>1. Finnish Meteorological Institute <b>(FI)</b></li> <li>2. Department for Rescue services of the Ministry of Interior <b>(FI)</b></li> </ol>	<p>Integrating a European Rainfall-Induced Hazard Assessment System <b>(ERICHA)</b></p> <p>Heavy rain and severe storm phenomena (wind gusts, lightning, hail...) are the triggering factors of a number of different natural hazards (flash floods, landslides, debris flows...) that have impacts on people's life and goods. ERICHA project aims to improve existing operational tools to provide Early Warnings integrating advanced forecasting and hazard assessment products based on the radar</p>	€497.660,75

				composites produced by the EUMETNET project OPERA. This project will integrate the improved developments of projects HAREN and EDHIT as an operational module into the real-time platform of the European Flood Awareness System (EFAS), which provides direct support to the European Response Coordination Centre (ERCC) of the DG ECHO in collaboration with the JRC and the ECMWF.	
11.	718568	<b>Istituto Nazionale di Geofisica e Vulcanologia (INGV) (IT)</b> Via Vigna Murata 605, 00143 Roma,	<ol style="list-style-type: none"> <li>1. Stiftelsen Norges Geotekniske Institutet <b>(NO)</b></li> <li>2. Instituto Português do Mar e da Atmosfera (IPMA) <b>(PT)</b></li> <li>3. Helmholtz-Zentrum Potsdam Deutsches GeoForschungsZentrum (GFZ) <b>(DE)</b></li> <li>4. Orta Dogu Teknik Universitesi <b>(TR)</b></li> <li>5. Universitat de Barcelona (UB) <b>(ES)</b></li> <li>6. National Observatory of Athens (NOA) <b>(GR)</b></li> <li>7. Centre National pour la Recherche Scientifique et Technique (CNRS) <b>(MA)</b></li> <li>8. Institut National de la Meteorologie (INM) <b>(TN)</b></li> </ol>	<p>Probabilistic TSUnami Hazard MAPS for the NEAM Region <b>(TSUMAPS-NEAM)</b></p> <p>The project will develop the first homogeneous region-wide long-term Probabilistic earthquake-induced Tsunami Hazard Assessment (PTHA) for the coastlines of the North East Atlantic, the Mediterranean, and connected seas, and trigger a common tsunami-risk management strategy in the region.</p> <p>These results will be achieved through:</p> <ul style="list-style-type: none"> <li>• realization of state-of-the-art PTHA with full uncertainty treatment;</li> <li>• review process with international experts;</li> <li>• production of the PTHA database and maps;</li> <li>• publicity of results through an awareness raising and education phase, and a capacity building phase.</li> </ul> <p>The PTHA products can serve as a basis for future national PTHA efforts and be the first step to include tsunamis in multi-hazard risk assessments.</p>	663.616,00€
<b>Total (EUR):</b>					<b>5.488.185,75€</b>

**PREVENTION projects – External budget:**

<b>Seq. No.</b>	<b>GRANT AGREEMENT NO.</b>	<b>COORDINATOR</b>	<b>BENEFICIARIES</b>	<b>Title and description of the project</b>	<b>EU contribution (€/EUR)</b>
1.	713859	<b>VSC Vukovar-Srijem County (HR)</b> Županijska 9, Vukovar	<ol style="list-style-type: none"> <li>1. Vukovar-Srijem County Development Agency HRAST Ltd – VSC DA Hrast <b>(HR)</b></li> <li>2. National Protection and Rescue Directorate - NPRD <b>(HR)</b></li> <li>3. Provincial Secretariat for Interregional Cooperation and Local Self-Government (PSICLSG) <b>(RS)</b></li> <li>4. European Affairs Fund AP Vojvodina (EAF) <b>(RS)</b></li> <li>5. Ministry for Agriculture, Water Management and Forestry, Posavska County (MAWMF) <b>(BA)</b></li> </ol>	<p>Disaster Reduction, Standardized Hazard Analysis and Risk Evaluation <b>(DR SHARE)</b></p> <p>This is a call to work together to develop tools that will help to promote a common understanding of cross-border risk assessment and risk management plans, practices and processes sharing best practices in the border region covering the Vukovar-Srijem County (CRO), Srem district of the Autonomous Province of Vojvodina (SRB) and Posavska County (BiH). This will be achieved through the exchange of collected data for risk management in the cross-border area using standardizing unique ways one central location allowing for better use of existing data and increases the ability of response and cooperation at local, regional and cross-border level risk management system.</p>	210.227,00€
2.	713867	<b>VGR PKMC (SE)</b> Region Västra Götaland Head Office/PKMC Regionens Hus 405 44 Göteborg	<ol style="list-style-type: none"> <li>1. State Emergency Service of Ukraine (SESU) <b>(UA)</b></li> <li>2. Institute of Public Administration in the Sphere of Civil Protection (IPACP) <b>(UA)</b></li> <li>3. National University of Civil Protection of Ukraine (NUCPU) <b>(UA)</b></li> <li>4. Mobile Rescue Center (MRC) of the State</li> </ol>	<p>Standardization of Ukrainian Disaster and Crisis Management <b>(SUDCM)</b></p> <p>Establishing a joint training academy in which validated training and exercise methods, as well as an academic program, can be taught to increase professionalization regarding cooperation, coordination and management of crisis and mass casualty situations by focusing on MacSim and 3LC methodology. Contributing to an ongoing national discussion on the need of standardized</p>	336.946,00€

			Emergency Services of Ukraine <b>(UA)</b> 5. National Academy of Postgraduate Education P.L. Shupik - Department of Disaster Medicine (NMAPE) <b>(UA)</b>	training based on researched and validated SOPs to support Ukraine in the adaptation to European accepted norms and standards.	
3.	713915	<b>Veiligheidsregio Zuid-Holland Zuid (VRZHZ) (NL)</b> Romboutslaan 105 3312KP Dordrecht The Netherlands	1. Safety Region South-Holland South (VRZHZ) <b>(NL)</b> 2. ITINERIS Health & safety <b>(NL)</b> 3. City of Stavanger <b>(NO)</b> 4. Ungheni District Council <b>(MD)</b> 5. Prijedor Regional Economic Development Agency <b>(BA)</b> 6. Province of Forli-Cesena <b>(IT)</b>	Community for Risk Management and Assessment <b>(CRISMAS)</b>  <b>Aim of the project is to:</b> <ul style="list-style-type: none"> <li>• Support regions and cities implementing all hazard risk management and assessment methodologies, including the cross sectorial and cross border dimension</li> <li>• Build a European wide community for government professionals working on risk management and assessment to encourage cooperation and knowledge exchange within the EU (built on experiences of the Interreg IVC project <u>MiSRaR</u> and the EU project <u>PRISMA</u> and supported by a on-line forum, and a best practice database</li> <li>• Improve links between relevant actors and policies throughout the disaster management cycle (prevention-preparedness-response-recovery)</li> </ul>	587.215,00€
<b>Total (EUR):</b>					<b>1.134.388,00€</b>
<b>GRAND TOTAL:</b>					<b>13.145.936,75€</b>