

**2017 LIST OF SELECTED PREPAREDNESS & PREVENTION PROJECTS**

**PREPAREDNESS 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.              | 783208                     | <b>INSTITUTO SUPERIOR TECNICO (PT)</b><br>Departamento de Engenharia Mecânica<br>Avenida Rovisco Pais 1<br>PT-1049-001 LISBON<br>PORTUGAL | <ol style="list-style-type: none"> <li>1. Action Modulers – Consulting &amp; Technology, LDA <b>(PT)</b></li> <li>2. Centro Tecnológico del Mar – Fundación CETMAR <b>(ES)</b></li> <li>3. EOMAP GmbH &amp; Co KG <b>(DE)</b></li> <li>4. CEDRE <b>(FR)</b></li> <li>5. Department of Health <b>(UK)</b></li> <li>6. Câmara Municipal de Loures <b>(PT)</b></li> </ol> | <p>Integration of sensing and modelling technologies for early detection and follow-up of hazmat and flood hazards in transitional and coastal waters <b>(HazRunoff)</b></p> <p>The project aims to fill the gaps around knowledge and preparedness involving early warning &amp; detection, follow-up, and early response to flooding and hazmat contamination in inland and transitional waters, including urban areas.</p>  | 482.827,57€                    |
| 2.              | 783124                     | <b>Bundesanstalt Technisches Hilfswerk (THW) (DE)</b><br>Provinzialstrasse 93 DE-53127 BONN<br>GERMANY                                    | <ol style="list-style-type: none"> <li>1. Ministerium für Inneres und Kommunales Nordrheinwestfalen <b>(DE)</b></li> <li>2. Uprava RS za zasito in reševanje, Ministrstvo za obrambo <b>(SI)</b></li> <li>3. 3) General Secretariat for Civil Protection <b>(GR)</b></li> </ol>  | <p>Development of operational strategies and guidance on Tackling consequences of extreme rain falls and Flash Floods <b>(TAFF)</b></p> <p>The speed and violence flash floods, mudflows and landslides occur leave little time for improvised response and a standardised approach is crucial. Best practices will be gathered through research, while workshops with experts will be held to create Guidelines and tactical guidance documents tested via trainings and exercises to create a new pool of flash flood response experts within the Mechanism.</p> | 327.028,44€                    |
| 3.              | 783255                     | <b>PELASTUSOPISTO (FI) Crisis Management</b>  | <ol style="list-style-type: none"> <li>1. Bundesanstalt Technisches Hilfswerk</li> </ol>   | Common Standard Operational Procedures for the Union Civil Protection Mechanism Module and   | 205.127,01€                    |

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|    |        | <p><b>Centre</b><br/>Hulkontie 83<br/>FI- 70821 KUOPIO<br/>FINLAND</p>  | <p>(THW) <b>(DE)</b><br/>2. Associação Humanitária dos Bombeiros Voluntários de Peniche <b>(PT)</b></p>   | <p><b>Teams (UCPM SOPs)</b><br/>The project aims at harmonizing the existing SOPs by improving the already existing SOP guidance document, promoting it, and creating a common SOPs template that enables the introduction of consistent, relevant and appropriate SOPs for all UCPM modules and teams. The development work is based on a thorough review of the existing SOPs, guidelines and practices, as well as a comprehensive needs analysis.</p>   |             |
| 4. | 783273 | <p><b>Comando Provinciale die Vigili del fuoco di Pisa (IT)</b><br/>Via Matteotti 1<br/>IT-56100 PISA<br/>ITALY</p>         | <p>1. TIMESIS SRL <b>(IT)</b><br/>2. Centrum Naukowo—Badawcze Ochrony Przeciwpozarowej Im Jozefa Tulizkowskiego-Panstwowy Instytut Badawczy <b>(PL)</b><br/>3. 3) Hascicky Zachranny Sbor Moravskoslezskeho Kraje <b>(CZ)</b></p> | <p><b>Enhancing Assessment in Search and Rescue (EASer)</b><br/><br/>The project targets a specific aspect of search and rescue (SAR) assessment called “barrier effect” during emergency interventions, especially earthquakes and intends to provide a practical strategy which consists of analyzing the state of the art, providing Guidelines, identifying new technologies that can be applied in support of the assessment teams (software, drones tested in small exercise) and covering through procedures the deployment of helicopters belonging to other corps whenever possible.</p> | 556.634,68€ |
| 5. | 783149 | <p><b>Ince Iniziativa Centro European – Segretariato Esecutive (IT)</b><br/>Via Genova 9<br/>IT-34121 TRIESTE<br/>ITALY</p> | <p>1. Direzione Regionale VVF FVG <b>(IT)</b><br/>2. Javni zavod Gasilska brigada Koper <b>(SI)</b><br/>3. Contry fire departmen of Istria <b>(HR)</b></p>  | <p><b>North Adriatic MIRG (Maritime Incident Response Group) (NAMIRG)</b><br/><br/>Maritime Incident Response Group– best practices already exist in other parts of Europe, also through past projects (Nordic MIRG, MIRG.EU) representing an important solution for the Adriatic Sea. Therefore, the NAMIRG project aims at establishing a North Adriatic efficient system of emergency response as to overcome this gap and ensure safety,</p>  | 678.524,18€ |

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|                     |        |   |   | security and environmental protection in the region.   |                      |
| 6.                  | 783299 | <b>University of Cyprus (CY)</b><br><b>Kallipoleos Street 75</b><br>CY-1678 NICOSIA<br>CYPRUS | <ol style="list-style-type: none"> <li>1. Kentro Meleton Asfaleias (GR)</li> <li>2. Zentrum für Luft – und Raumfahrt EV (DE)</li> <li>3. Regione Autonoma della Sardegna (RAS) (IT)</li> <li>4. Civil Defense (CY)</li> </ol> | <p>Safe and Rapid Evacuation Facilitated by UAV Swarms <b>(SWIFTERS)</b></p> <p>The proposal capitalizes on UAV swarms to study, design, develop, and test, UAV cooperation strategies to better coordinate the aforementioned complementary activities in order to assist first responders improve their response efficiency and reduce evacuation times.</p> | 511.735,00€          |
| <b>TOTAL (EUR):</b> |        |   |   |  | <b>2.761.876,88€</b> |

**PREVENTION projects – Internal budget:**

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|-----------------|----------------------------|---|---|--|--------------------------------|
| 1.              | 783180                     | <b>NATIONAL OBSERVATORY OF ATHENS (GR)</b><br>Leoforos Nymfon<br>P.O.Box 11810 Theseio<br>GR-20048 ATHENS<br>GREECE | <ol style="list-style-type: none"> <li>1. National and Kapodistrian University of Athens <b>(GR)</b></li> <li>2. Oulun Yliopisto <b>(FI)</b></li> <li>3. Aratos Systems B.V. <b>(NL)</b></li> <li>4. ANYSOLUTION SL <b>(ES)</b></li> <li>5. Petropoulos Georgios &amp; CO <b>(GR)</b></li> <li>6. Municipality of Athens – Epicheirisi Michanografisis <b>(GR)</b></li> <li>7. Law and Internet Foundation <b>(BG)</b></li> </ol> | <p><b>EXTreme tEMperature Alerts for Europe (EXTREMA)</b></p> <p>EXTREMA proposes a new innovative and effective approach that aims to exploit the high penetration of smartphones in Europe so as to implement a digital infrastructure in the form of a mobile application for the public, and an administration web hub for the local authorities to evaluate the real-time risks including targeted actions for vulnerable population groups (refugees).</p>   | 572.306,74€                    |
| 2.              | 783237                     | <b>ILMATIETEEN LAITOS (FI)</b><br>Erik Palmenin aukio 1<br>FI-00560 Helsinki<br>FINLAND                             | <ol style="list-style-type: none"> <li>1. European Centre for Medium range weather forecasts <b>(UK)</b></li> <li>2. Mikkelin Kaupunki <b>(FI)</b></li> <li>3. Universitat Politecnica de Catalunya <b>(ES)</b></li> </ol>  | <p>Seamless probabilistic multi-source forecasting of heavy rainfall hazards for European flood Awareness <b>(SMUFF)</b></p> <p>The objective of this project is to develop improved tools for assessing and forecasting the hazards and risks induced by intense rainfall and severe storms (e.g. flash floods, urban floods, landslides) in the scales from individual towns to pan-European, achieved by combining multi-instrument pan-European precipitation observations together with state of the art forecasting methods.</p> | 749.997,40€                    |
| 3.              | 783169                     | <b>Centre Tecnologic de Telecomunicacions de Catalunya (ES)</b><br>Avinguda Carl Friedrich Gauss no. 7              | <ol style="list-style-type: none"> <li>1. Instituto Geológico y Minero <b>(ES)</b></li> <li>2. Centro Nacional de Info. Geografica <b>(ES)</b></li> <li>3. Università degli Studi di</li> </ol>   | <p><b>Geohazard impact assessment for urban areas (U-Geohaz)</b></p> <p>The project will propose a procedure to produce maps to assess continuously the potential impact of</p>  | 742.128,13€                    |

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|    |        | <p>Parc Mediterrani de Tecno<br/>ES-08860 Castelldefels<br/>BARCELONA<br/>SPAIN</p> | <p>Firenze <b>(IT)</b><br/>4. Consiglio Nazionale delle Ricerche <b>(IT)</b><br/>5. Gobierno de Canarias <b>(ES)</b><br/>6. Regione Autonoma valle d'Aosta <b>(IT)</b><br/>7. Panstwowy Instytut Geologiczny <b>(PL)</b><br/>8. Bureau de Recherches Geologiques <b>(FR)</b><br/>9. Institutouto Geologikon &amp; Metal Erevnon <b>(GR)</b><br/>10. Institut Cartografic i Geologic Catalunya <b>(ES)</b><br/>11. Lietuvos geologijos tarnyba prie Aplinkos ministerijos <b>(LT)</b><br/>12. Laboratorio Nacional de Energia e Geologia I.P. <b>(PT)</b><br/>13. Geologicka Sluzba <b>(CZ)</b><br/>14. Geoloski Zavod <b>(SI)</b><br/>15. Istituto Superiore per la Protezione e la Ricerca Ambientale <b>(IT)</b><br/>16. Institutul Geologic <b>(RO)</b><br/>17. Geologische Bundesanstalt <b>(AT)</b><br/>18. Natural Environment Research Council <b>(UK)</b></p> | <p>geohazard activity. These maps will provide essential inputs to support early warning (EW) for landslides and rock-falls, and an EW system for volcanic geohazard. The applicability of the e-tool will be validated over two test sites located in Canary Islands (Spain) and Valle d'Aosta (Italy). In the first site will be tested both volcanic and rock-fall early-warning. In the second, the methodology will be applied for landslide geohazard. The main output of the project will be the development of new products for multi-geohazard prevention purposes and the demonstration of its potentialities by implementing their use in the involved CPAs.</p> |             |
| 4. | 783153 | <p><b>Direktoratet for Samfunnssikkerhet og Beredskap (DSB) (NO)</b></p>            | <p>1. Oslo Commune <b>(NO)</b><br/>2. Stavanger commune <b>(NO)</b><br/>3. Bergen Kommune <b>(NO)</b></p>   | <p>Methods and measures to enhance resilience against electric power outage in urban vital societal functions <b>(MEREPUV)</b></p>  | 643.514,42€ |

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|                     |        | Rambergveien 9<br>NO-3115 TONSBORG<br>NORWAY   | <ol style="list-style-type: none"> <li>4. Veiligheidsregio Zuid – Holland Zuid <b>(NL)</b></li> <li>5. Gemeente Dordrecht <b>(NL)</b></li> <li>6. Valmieras pilsetas pasvaldiba <b>(LV)</b></li> <li>7. State Fire and Rescue Service <b>(LV)</b></li> </ol>  | The focus in the project will be risks related to power outage in cities, and vulnerability to such disruptions in health services, emergency services and critical communication systems.   |                      |
| 5.                  | 783271 | <b>European Project Consulting srl (IT)</b><br>Via Prati 11 I<br>T-36031 Dueville<br>ITALY | <ol style="list-style-type: none"> <li>1. Vejle Kommune <b>(DK)</b></li> <li>2. Lai-momo <b>(IT)</b></li> <li>3. Prepared International UG <b>(DE)</b></li> <li>4. ASSFAM <b>(FR)</b></li> <li>5. Associazione Italiana del Consiglio dei Comuni e delle Regioni d'Europa Federazione Veneta <b>(IT)</b></li> </ol> | <p>Adoption of Multicultural Approaches towards Resilience Enhancement in EU <b>(AMARE-EU)</b></p> <p>Migrant flows of past and recent years have contributed to the creation and enlargement of non-native communities. The project will focus specifically to develop concrete, low cost and easy to be applied solutions to involve and inform those which, due to linguistic, social, economic and cultural factors are at severe risk in case of disaster. The partnership will develop a dedicated raising awareness toolkit and communication campaign.</p> | 337.474,10€          |
| <b>TOTAL (EUR):</b> |        |  |   |  | <b>3.045.420,79€</b> |

**PREPAREDNESS projects – External budget:**

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|-----------------|----------------------------|---|--|--|--------------------------------|
| 1.              | 783285                     | <b>Università degli Studi del Piemonte Orientale Amedeo Avogadro (IT)</b><br>Via Lanino 1<br>IT-28100 NOVARA<br>ITALY | <ol style="list-style-type: none"> <li>1. University of Manchester <b>(UK)</b></li> <li>2. Karolinska Institutet <b>(SE)</b></li> <li>3. Tel Aviv University <b>(IL)</b></li> <li>4. Novareckon SRL <b>(IT)</b></li> <li>5. Humedica e.V. <b>(DE)</b></li> <li>6. Istanbul Medeniyet University <b>(TK)</b></li> </ol> | <p>Training for Trainers for Emergency Medical Teams and European Medical Corps <b>(TEAMS 2.0)</b></p> <p>This is a follow up project which aims to develop a Training of Trainers (ToT) program to train novice and inexperienced EMT organizations' team leaders or training managers on how to effectively use the TEAMS operational training package.</p>  | 334.724,36€                    |
| 2.              | 783191                     | <b>Austrian Red Cross (AT)</b><br>Wiedner Hauptstrasse 32<br>AT-1041 WIEN<br>AUSTRIA                                  | <ol style="list-style-type: none"> <li>1. Belarus Red Cross society <b>(BY)</b></li> <li>2. Ukrainian Red Cross Society <b>(UA)</b></li> <li>3. ECOCONTACT <b>(MD)</b></li> <li>4. Bulgarian Red Cross <b>(BG)</b></li> <li>5. Universitaet Innsbruck <b>(AT)</b></li> <li>6. Danish Red Cross <b>(DK)</b></li> </ol>  | <p>Promoting the role of volunteers and the population in Civil Protection <b>(ProVoice)</b></p> <p>The objective of this project is to contribute to strengthening the cooperation between Neighbourhood and UCPM countries in the field of volunteer management. 10-15 volunteer Emergency Response Team leaders in each focus country will be trained in volunteer management and 9-15 Emergency Response Teams in all will be established and/or supported through equipment and training.</p> | 393.932,81€                    |
| 3.              | 783214                     | <b>National Observatory of Athens (GR)</b><br>Lofos Nymfon<br>11810 ATHENS<br>GREECE                                  | <ol style="list-style-type: none"> <li>1. European University CYPRUS</li> <li>2. Center for National Security and Defense Research, Bulgarian Academy of Sciences <b>(BG)</b></li> <li>3. American University of ARMENIA <b>(AM)</b></li> <li>3. Disaster Risk Reduction National Platform</li> </ol>                  | <p>Alliance for Disaster Risk Reduction <b>(ALTER)</b></p> <p>The project aims to increase resilience in areas of Armenia that face floods risks originating in earthquakes by transferring methods, tools, knowhow and experience from the EU Mechanism countries. The partnership will work on Integration, evaluation and continuation of activities in Armenia through training programmes and small-scale exercises.</p>  | 338.671,99€                    |

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|  |  |  | Foundation <b>(AM)</b> |  |                     |                      |
|  |  |  |                        |  | <b>Total (EUR):</b> | <b>1.067.329,16€</b> |

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|-----------------|----------------------------|--|---|---|--------------------------------|
| 1.              | 783133                     | <b>VEILIGHEIDSRE GIO ZUIDHOLLAND ZUID (NL)</b><br>Romboutslaan 105<br>3312 KP DORDRECHT<br>THE NETHERLANDS | <ol style="list-style-type: none"> <li>1. Ungheni City Hall <b>(MD)</b></li> <li>2. Kutaisi City Hall <b>(GE)</b></li> <li>3. Merii Arrat <b>(AM)</b></li> <li>4. Public Association <b>(MD)</b></li> <li>5. Houdijk Advies B.V. <b>(NL)</b></li> </ol>   | <p>Disaster Risk Management Capacity Development for Cities in Eastern Partnership Countries <b>(CAPACITIES)</b></p> <p>The partnership will structurally improve their capacities to lead and Coordinate a structured process of DRM planning, based on multi-hazard risk assessments and self-insight in their current DRM capabilities and in strong connection with EU policies for DRM, as well as the Sendai Framework. By the end of the project the cities should be capable to continue a structured DRM planning, led by knowledgeable and competent focal points and based on a concrete DRM strategy.</p> | 449.233,88€                    |
| 2.              | 783232                     | <b>TECHNISCHE UNIVERSITEIT DELFT (NL)</b><br>Jaffalaan 5<br>NL-2628BX DELFT<br>THE NETHERLANDS             | <ol style="list-style-type: none"> <li>1. Tegenwindmee advies <b>(NL)</b></li> <li>2. Institute of Geological Sciences - National Academy of Sciences <b>(UA)</b></li> <li>3. The Main School of Fire Service <b>(PL)</b></li> <li>4. Institution" Regional Development Agency of Zakarpattia" <b>(UA)</b></li> </ol> | <p>Improving Disaster Risk Reduction in Trans Carpathian Region, Ukraine <b>(ImProDiReT)</b></p> <p>In respect to the Sendai framework problems can be seen in the field of understanding risks, risk reduction governance and investing in risk reduction management. The Trans Carpathian region is situated in the West of Ukraine, geographically dominated by the northern part of the Carpathian mountain range, which stretches from Poland and</p>  | 483.059,30€                    |



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|                     |        |   |   | Slovakia in a horse shoe form into Romania, crossing Ukraine with a multi-ethnic population.   |                      |
| 3.                  | 783298 | <b>CENTRO EUROPEO DI FORMAZIONE E RICERCA IN INGEGNERIA SISMICA (EUCENTRE) (IT)</b><br>Via Via Adolfo Ferrata, 1<br>IT-27100 PAVIA<br>ITALY | 1. Ss. Cyril and Methodius University in Skopje <b>(MK)</b><br>2. Yaron Offir Engineers <b>(IL)</b> | Increased Resilience of Critical Infrastructure to Natural and Human-Induced Hazards <b>(INFRA-NAT)</b><br><br>Regions with large infrastructure networks (e.g. roadway bridges designed under the seismic guidelines in the 1970's) exposed to different types of hazards (e.g. earthquakes and flooding) and structural ageing/deteriorating over time are particularly vulnerable.<br><br>The proposed study will focus primarily on bridge infrastructure via 3 case studies in each of the participant countries and will provide the necessary tools for local and regional bodies to assess the vulnerability of critical infrastructure. | 572.129,29€          |
| <b>Total (EUR):</b> |        |   |   |  | <b>1.504.422,47€</b> |
| <b>GRAND TOTAL:</b> |        |   |   |  | <b>8.379.049,30€</b> |