

2020 LIST OF SELECTED PREPAREDNESS & PREVENTION PROJECTS

PREPAREDNESS projects – Internal budget

Seq. No.	GRANT AGREEMENT NO.	COORDINATOR	BENEFICIARIES	PROJECT TITLE & DESCRIPTION	EU contribution (€/EUR)
1	101004757	OSTERREICHISCHES ROTESKREUZ (AutRC) (AT) https://www.rotekreuz.at	<ol style="list-style-type: none"> 1. Macedonian Red Cross (RCRNM) (MK) https://ckrm.org.mk/ 2. DIREKCIJA ZA ZASTITA I SPASUVANJE NA REPUBLIKA MAKEDONIJA (PRD NRM) (MK) https://dzs.gov.mk/ 3. CRVENI KRST CRNE GORE (RCM) (ME) http://ckcg.me/ 4. Ministry of Interior (Mol-DEM) (ME) http://www.mup.gov.me/ministarstvo 5. CRVENI KRST SRBIJE (RCS) (RS) https://www.redcross.org.rs/ 6. HRVATSKI CRVENI KRIZ UDRUGE (CroRC) (HR) https://www.hck.hr/ 7. BULGARIAN RED CROSS (BRC) (BU) https://en.redcross.bg/ 	<p>Enhancing cross-border preparedness through shared management of emergency stock in South East Europe (X-STOCK)</p> <p>South East Europe (SEE) is seeing an increase in frequency, unpredictability and intensity of disasters. Most hazards have the potential to become transboundary events for which regional collaboration is key. The ongoing global health emergency (COVID-19) has shown how easily national and regional markets for essential stocks can collapse and how important it is to have adequate cross-border stockpiling and transportation strategies in place. Thus, the specific objective of the X-STOCK project is to enhance crossborder emergency management in Bulgaria, Croatia, Montenegro, North Macedonia and Serbia by enhancing cross-border preparedness through shared management of emergency stock. The XSTOCK project will identify existing gaps of cross-border emergency response regarding policies, emergency stocks and cross-border agreements for support with emergency items. Recommendations for improvements of procedures, policies and agreements will be outlined. National predisaster agreements on emergency stocks between CPAs, RC and others will be revised. A cross-border agreement on joint stock management will be drafted. A regional stock management strategy and a software application for joint regional stock record/management with</p>	492,197.46 €

			<p>8. International Federation of Red Cross and Red Crescent Societies - Regional Office for Europe (IFRC) (HU) http://media.ifrc.org/ifrc/ http://voroskereszt.hu/</p>	<p>interfaces to all partners' databases will be developed & tested. Recommendations for replication and scale-up in neighbouring countries will be formulated. The improved and shared management of a joint emergency stock together with the development of national and regional agreements and procedures will facilitate smooth and accelerated relief and response operations involving national civil protection authorities (CPAs) and RC partners (= target groups), as well as other national actors. As a result, the cross-border interoperability regarding set-up and use of emergency stocks between the 5 participating countries will be significantly increased and thus response times for disaster affected population (21 mio. in all five countries) reduced.</p>	
2	101004912	<p>CENTRE DE DOCUMENTATION DE RECHERCHES ET D'EXPERIMENTATION SUR LES POLLUTIONS ACCIDENTELLES DES EAUX ASSOCIATION (CEDRE) (FR) https://wwz.cedre.fr/</p>	<p>1. CENTRO TECNOLOGICO DEL MAR (CETMAR) (ES) https://cetmar.org 2. Instituto Tecnológico para el Control del Medio Marino de Galicia (INTECMAR) (ES) http://www.intecmar.gal/ 3. INSTITUTO SUPERIOR TECNICO (IST) (PT) https://tecnico.ulisboa.pt/pt/ 4. Department of Health (PHE) (UK) https://www.gov.uk/to-pic/health-protection</p>	<p>MANaging risks and Impacts From Evaporating and gaseous Substances To population Safety (MANIFESTS)</p> <p>Responding to maritime accidents can be especially challenging when involving Hazardous and Noxious Substances (HNS) that behave as gases or evaporators. Due to their potential to form toxic or combustible clouds, evidence-based decisions are needed to protect the crew, responders, the coastal population and the environment. However, when an emergency is declared, key information is not always readily available for all the needs of responders. A case in point is the lack of knowledge and data to assess the risks that responders or rescue teams could take when intervening, or those that could impact coastal communities when allowing a shipping casualty to dock at a place of refuge. The objective of MANIFESTS is to address these uncertainties and improve response capacities through the creation of novel and innovative decision support tools and operational guidelines, and by facilitating access to relevant</p>	874,187.75 €

			<p>5. ASSOCIATION POUR LA RECHERCHE ET LE DEVELOPPEMENT DES METHODES ET PROCESSUS INDUSTRIELS (ARMINES) (FR) https://www.armines.net/fr</p> <p>6. INSTITUT ROYAL DES SCIENCES NATURELLES DE Belgique (RBINS) (BE) https://www.naturalsciences.be/fr</p> <p>7. METEOROLOGISK INSTITUTT (MET.NO) (NO) https://www.met.no/</p> <p>8. SERVICE PUBLIC FEDERAL SANTE PUBLIQUE, SECURITE DE LA CHAINE ALIMENTAIRE ET ENVIRONNEMENT (DG-ENV) (BE) https://www.health.belgium.be/fr</p>	<p>knowledge and databases, all housed within a dedicated open source web platform accessible to planners and responders. Bespoke training materials and exercises will demonstrate project outputs to key stakeholders paving the way to transfer guidance and training capabilities to end-users beyond partner organisations. The project consortium involves 9 research institutes and administrations from 6 countries (FR, BE, UK, NO, ES, PT) with strong and complementary expertise in all of the aspects of marine pollution being addressed by the project, namely; chemical analysis (CEDRE), pollution modelling (RBINS, INTECMAR, IST, MET.NO), decision support tools (RBINS, INTECMAR), risk assessment and management (ARMINES, PHE), training and exercises (CEDRE, INTECMAR, CETMAR) and knowledge transfer (CETMAR). Additionally, MANIFESTS will benefit from the collaboration of an Advisory Board comprising 6 national maritime authorities -the main end-users of the project results, as well as the direct participation of the DG-ENV (BE) as a partner.</p>	
3	101004777	<p>Stichting Sea Alarm (BE) https://www.sea-alarm.org/</p>	<p>1. ASSOCIACIO SUBMON: DIVULGACIO, ESTUDI I CONSERVACIO DE L'ENTORN NATURAL (SUBMON) (ES)</p>	<p>EUROpean Wildlife pollution emergency Assistance-2 (EUROWA-2)</p> <p>EUROWA-2 aims to strengthen Europe's capability to deal with wildlife pollution emergencies via holistic/integrated</p>	602,955.75 €

			<p>https://www.submon.org</p> <p>2. Maailman Luonnon Säätiö - World Wide Fund For Nature, Suomen rahasto (WWF Finland) (FI) https://wwf.fi/</p> <p>3. STICHTING NEDERLANDSE WETENSCHAPPELIJK ONDERZOEK INSTITUTEN NWOI) (NL) https://www.nwo.nl/</p>	<p>pollution management, mutual assistance between coastal countries and the availability of a European network of internationally qualified EUROWA experts. Existing European structures and mechanisms for mutual assistance between countries will be optimised so that qualified EUROWA experts can be internationally mobilised and assist with marine pollution incidents under the formal command of the leading national authorities. The project is a follow-up of a 2015-2016 EU project in which the EUROWA mutual assistance philosophy and training modules were developed. The proposed project will engage responsible authorities from different European countries to help develop structural arrangements for proactive management of pollution incidents that allow the integration of a timely and effective wildlife response. The project assists the EUROWA network members in developing relationships with these authorities and engaging them in response preparedness investments. The project also will aim to expand the EUROWA network to other countries, add new elements to the EUROWA expertise portfolio, and make courses and exercises available for Network members and their authorities.</p>	
				TOTAL (EUR):	1,969,340.96€

PREPAREDNESS projects – External budget

Seq. No.	GRANT AGREEMENT NO.	COORDINATOR	BENEFICIARIES	PROJECT TITLE & DESCRIPTION	EU contribution (€/EUR)
1	101004935	UNIVERSITA DEGLI STUDI DEL PIEMONTE ORIENTALE AMEDEO AVOGADRO (UPO) (IT) https://www.uniupo.it/	<ol style="list-style-type: none"> 1. KAROLINSKA INSTITUTET (KI) (SE) https://ki.se/en 2. The Gertner Institute for Epidemiology & Health Policy Research, Ltd (IL) http://www.gertnerinstitute.org.il/e/ 3. NOVARECKON SRL (NR) (IT) https://www.novareckon.it/en/ 4. ISTANBUL MEDENIYET UNIVERSITY (IMU) (TR) https://www.medeniyet.edu.tr/en 5. HELSEDIREKTORATET (HDIR) (NO) https://www.helsedirektoratet.no/ 6. Portuguese National Institute of Medical Emergency (INEM) (PT) https://www.inem.pt/ 7. JOHANNITER-UNFALLHILFE EV (DE) https://www.johanniter.de/die- 	<p>Training for Emergency Medical Teams and European Medical Corps 3.0 (TEAMS 3.0)</p> <p>In February 2016, the European Union (EU) launched the European Medical Corps (EMCs) to help mobilize medical and public health teams and equipment for emergencies inside and outside the EU. This initiative is in line with the Emergency Medical Teams (EMTs) initiative of the World Health Organization (WHO). The TEAMS 1.0 project successfully developed an innovative operational training package focused on teamwork to assist EMTs in preparing for deployment. Since the completion of TEAMS 1.0 project in December 2018, EMTs around the world have been having the option to access, free-of-charge, a validated training package comprised of a set of 8 simulation-based exercises specifically designed to improve EMTs' team performance through scenarios likely to be encountered on the field. The TEAMS training package is available online at no cost. The TEAMS 2.0 project developed an innovative Training of Trainers (ToT) program composed of e-learning modules and face-to-face workshops focused on ToT learning activities to train novice team leaders and training managers of EMC/EMT organizations on how to effectively use the TEAMS training package. Since the completion of TEAMS 2.0 project in December 2019, the e-learning platform, called The Trainer's Compass, is available online always at no cost. Both TEAMS 1.0 and 2.0 have effectively achieved the expected results. However, it needs continuous</p>	492,808.02 €

			johanniter/johanniter-unfall-hilfe/	<p>revision and improvement given the unceasing evolution of both the EMC and EMT initiatives. Moreover, it is addressing only natural disasters (earthquake) lacking scenarios and exercises to train EMT capacity to respond to outbreaks, man-made disasters and other possible cross-border risks. Finally, only two EMT organizations have officially delivered the entire TEAMS training package.</p> <p>Therefore, this next and complementary project proposal, named TEAMS 3.0, will aim to:</p> <ol style="list-style-type: none"> 1) revise and update the TEAMS training package involving new partners, experts and EU EMT organizations; 2) develop new scenarios and exercises for the TEAMS training package to train EMTs to respond to outbreaks, man-made disasters and other possible cross-border risks; 3) disseminate and deliver the updated TEAMS training package engaging four EMTs in Europe to enhance crossborder emergency management through training programmes and joint cross-border small-scale exercises. 	
2	101004830	<p>Ss. CYRIL AND METHODIUS UNIVERSITY IN SKOPJE (MK)</p> <p>www.ukim.edu.mk</p>	<ol style="list-style-type: none"> 1. CENTRO EUROPEO DI FORMAZIONE E RICERCA IN INGEGNERIA SISMICA (EUCENTRE) (IT) https://www.eucentre.it 2. POLYTECHNIC UNIVERSITY OF TIRANA (UPT-FCE) (AL) https://www.upt.al/en/ 3. ARISTOTELIO PANEPHISTIMIO THESSALONIKIS (AUTH) 	<p>Comprehensive RISK assessment of basic services and transport InfraStructure (CRISIS)</p> <p>CRISIS project aims at improving the disaster and emergency management through building a harmonised and efficient system for risk assessment of basic services and transport infrastructure in the targeted cross-border region. The main project activities include: (1) Cross-border multi hazard assessment; (2) Needs assessment; (3) Cross-border multi-risk assessment; and (4) Development of cross-border web base platform for risk assessment and management. The main benefit from the project will have the civil protection and disaster management national authorities in the cross-border region where more than 500.000 inhabitants live, as</p>	415,392.29 €

			<p>(EL) https://www.auth.gr/en</p> <p>4. Crisis Management Center (CMC) (MK) www.cuk.gov.mk/</p>	<p>well as all academic partner institutions share the knowledge and strengthen the mutual cooperation. The expected results of CRISIS are twofold: enhanced cross-border cooperation and coordination in disaster risk management based on developed models and tools and raising public awareness and preparedness for disasters. By establishing a team of experts with specific knowledge, skills, and roles, the CRISIS outputs will fully correspond to the outputs required in the Call, presented through 24 deliverables. Initially, a report on stakeholder requirements based on elaborated questionnaires together with the review of existing standards, procedures and guidelines will be delivered and used as a working basis for the project. Comprehensive assessments on all-natural and human-induced hazards that occur and are relevant to the cross-border region, including harmonised seismic and landslide hazard will be produced, using state-of-the-art probabilistic methodologies and procedures. Extensive exposure model of all relevant elements of basic services and transport infrastructure will be developed, as a basis for vulnerability and risk assessment. As final goal will be the development of common web GIS based platform for risk and disaster management of cross border region with capacity to be extended on national or wider regional level.</p>	
				TOTAL (EUR):	908,200.31€

PREVENTION projects – Internal budget

Seq. No.	GRANT AGREEMENT NO.	COORDINATOR	BENEFICIARIES	PROJECT TITLE & DESCRIPTION	EU contribution (€/EUR)
1	101004823	ISEM - INŠTITÚT PRE MEDZINÁRODNÚ BEZPEČNOSŤ A KRÍZOVÉ RIADENIE (SK) www.isemi.sk	1. MINISTRY OF THE INTERIOR OF THE CZECH REPUBLIC, POPULATION PROTECTION INSTITUTE (PPI) (CZ) https://www.mvcr.cz/mvcren/	<p>Networking for Cross-border Risk Management Plan (R-PLAN)</p> <p>Networking of civil protection actors for the application of an advanced approach for risks assessment in six Slovak and Czech regions is a primary goal of the project. The initiative is developed by two partners actively engaged in the analytical, methodological and operational civil protection mechanisms in the partner countries. The Slovak International Security and Emergency Management Institute is delegated by the national Civil Protection Authorities to advance methods and analyses in disaster risk management. Equally, the Institute for Protection of the Population is a state civil protection affiliated/subordinated institution providing education, scientific research, informative and consultative services in the areas of emergency planning and management to local and regional rescue services actors and Integrated rescue system (IRS). While cooperation is established in the area of emergency response, cross-border cooperation for prevention phases needs to be enhanced by introducing the risk assessment methods. We will directly impact the groups of civil protection officers, firefighters, rescue and first response service officers, volunteer protection and climate change NGOs, science and research centres in the cross-border regions.</p> <p>R-Plan is a 24-month cooperation initiative of capacity</p>	217,954.40 €

				building, knowledge and analytical work. The partnership pursues to achieve sustainable cross-border agreements of the civil protection actors, to bring new assessment tools of a synchronised risk assessment CBC methodology, and to network stakeholders via expertise meeting and training events.	
2	101004843	ACCADEMIA EUROPEA DI BOLZANO (EURAC) (IT) http://www.eurac.edu	<ol style="list-style-type: none"> 1. EUROPEAN PROJECT CONSULTING S.R.L. (EPC) (IT) http://www.epcsrl.eu/ 2. AGENZIA REGIONALE PER LA PREVENZIONE E PROTEZIONE AMBIENTALE DEL VENETO (ARPAV) (IT) https://www.arpa.veneto.it/ 3. ZENTRALANSTALT FUR METEOROLOGIE UND GEODYNAMIK (ZAMG) (AT) https://www.zamg.ac.at 4. BUNDESFORSCHUNGS UND AUSBILDUNGSZENTRUM FUR WALD NATURGEFAHREN UND LANDSCHAFT (BFW) https://bfw.ac.at/ 	<p>Transboundary Storm Risk and Impact Assessment in Alpine regions (TRANS-ALP)</p> <p>The overall goal of the project is to critically review and analyse the current multi-hazard risk assessment and their impact using forecasting approaches for mountainous regions at cross-border areas between Italy and Austria. Also the project aims to provide an integrated conceptual methodology along the disaster management cycle in order to better link risk assessment, impact forecasting and further advance the decision-making processes in the EU in the context of disaster risk prevention. Severe Storms will be addressed as representative examples of complex hazards with cascaded /compounded components (wind gusts, floods, landslides) due to the current lack of harmonised risk assessments oriented to impact forecasting and prevention for such type of events in the Alpine regions. The proposed activities will contribute to improve the cross-border collaboration, which on one hand will increase the awareness towards high-intensity multi-hazard extreme weather events, and on the other will also provide practical tools and methodologies for cross-border impact forecasting and risk assessment, with a potential for significant advises on joint risk reduction implementing measures.</p> <p>The project will be implemented by a consortia of environmental, meteo-hydrological and earth observations</p>	501,795.70 €

				institutes from Austria and Italy. The project will be supported by a group of Interested Stakeholders from areas of Civil Protection, Land Management, Research and other key sectors, from Italy, Austria and also Slovenia.	
3	101004882	CENTRO ITALIANO PER LA RICERCA SULLA RIDUZIONE DEI RISCHI - CI3R (IT)	<ol style="list-style-type: none"> 1. UNIVERZA V LJUBLJANI (UL) (SI) https://www.uni-lj.si/ 2. Regional Government of Styria - Department for Civil Protection and Defense (FAKS) (AT) https://www.katastrophenschutz.steiermark.at/ 3. BASBAKANLIK AFET VE ACIL DURUM YONETIMI BASKANLIGI (AFAD) (TR) https://www.afad.gov.tr/ 4. JAVNA USTANOVA UNIVERZITET CRNE GORE PODGORICA (FCE UoM) (ME) www.ucg.ac.me 	<p>cross BOrder RISk assessment for increased prevention and preparedness in Europe (BORIS)</p> <p>The eastern Alps, including the Italian-Slovenian-Austrian borders, as well the region of South-East Europe, are characterized by strong seismicity. Historically, these regions have been hit by many severe earthquakes, but are also prone to hydro-meteorological hazards (e.g. Floods, Flash Floods). Earthquake and flood risks in these regions may be amplified due to the lack of a common prevention and preparedness framework concerning the impact of those hazards, especially in cross-border areas. Thus, it is necessary to establish harmonized cross-border approaches for assessing and communicating the multi-risks accounting for the seismic and hydro-meteorological hazards.</p> <p>The BORIS project focuses on the assessment of seismic risk and flood risk, having cross-border impact-potential in several countries participating in the Union Civil Protection Mechanism. Typically, the transboundary risk assessment requires the use of shared approaches, employing common data type and analysis models, and allowing to represent the impact in a shared framework established among the countries. The BORIS activities are in line with the preventing disaster risk policies defined by the EC, with the decision N. 1313/2013/EU on a Union Civil Protection Mechanism (UCPM), calling the Participating States to develop national risk assessment (NRA) periodically.</p>	748,172.88 €

				<p>BORIS aims at increasing the protection from cross-border disasters by developing:</p> <ul style="list-style-type: none"> i. a shared methodology for single and multi-risk assessment, which will allow the evaluation of expected consequences for single natural hazards as well as multi-risk impact comparison and ranking in transboundary regions ii. a platform for single and multi-risk assessment and representation, which will facilitate the storage and updating of data, models and documentation, representation of damage and impact results with a harmonized approach, as well as results visualization and sharing for an agreed and shared transboundary risk assessment. <p>Further, the methodology and platform will be practically applied in two cross-border sites involving seismic and flood risk as well as multi-hazard risk assessment. This will allow to evaluate the data needed in the selected cross-border sites, test the procedures and effectively perform cross-border seismic and flood risk assessment, as well as multi-risk comparison and ranking.</p>	
4	101004896	<p>METEOGRID SL (ES)</p> <p>https://www.meteogrid.com/</p>	<ol style="list-style-type: none"> 1. ASSOCIACAO PARA O DESENVOLVIMENTO DA AERODINAMICA INDUSTRIAL (ADAI) (PT) www.adai.pt 2. UNIVERSITAT POLITECNICA DE CATALUNYA (UPC) 	<p>Vulnerable Elements in Spain and Portugal and Risk Assessment (VESPRA)</p> <p>VESPRA arises for the improvement of the risk management mechanisms, focusing in the border area between Spain and Portugal both for local risks as forest fires, and for other general ones such as the affectation by adverse meteorological phenomena or the dispersion of pollutants in wide areas. Within the project, an</p>	665,391.12 €

			<p>(ES) www.upc.edu</p> <p>3. UNIVERSIDADE DE AVEIRO (UAV) (PT) www.ua.pt</p> <p>4. Comunidade Intermunicipal da Beira Baixa (CIMBB) (PT) www.cimbb.pt</p> <p>5. CONSEJERÍA DE AGRICULTURA, DESARROLLO RURAL, POBLACIÓN Y TERRITORIO - JUNTA DE EXTREMADURA (INFOEX) (ES) www.juntaex.es/con03/</p>	<p>international protocol will be defined for the collection of vulnerable elements and their characterisation regarding different threats, and for their integration into a GIS-based platform specially designed to optimize their management and continuous updating. VESPRA will result in a system to assist decision-making in the event of an emergency in order to improve the harmonised identification and mapping of vulnerable elements and the integration of vulnerability in a joint information system for the evaluation and assessment of the transnational emergency response. In addition, on-site training exercises for civil protection authorities will be carried out. The results of the project will be shown in workshops where it is intended to involve the scientific and technical community regarding emergencies. One of the most outstanding features of the proposed solution is that it has been specially designed to facilitate the constant updating of the vulnerable elements cartography. The direct beneficiaries of VESPRA will be the civil protection authorities of Portugal and Spain, at national, regional and local level, which will have a powerful tool to support their emergency management, and to optimize preventive planning aimed at reducing vulnerability. In addition, all the inhabitants of the intervention area, who will benefit from disaster risk reduction, will be also indirect beneficiaries. The duration of the project will be 24 months. By month 10 it is expected that the first version of the system will be available for evaluation and improvements before the final implementation.</p>	
				TOTAL (EUR):	2,133,314.10€
				GRAND TOTAL (EUR):	5,010,855.37€