



CRISPRO: Security and Protection through Knowledge

Synergies

Title: Questionnaires and report

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*Confidential-only for members of the Consortium & EC Services

CRISPRO: Security and Protection through Knowledge Synergies.

No: 101017877

UCPM-2020-KN-AG – Networking Partnerships.



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1. PROJECT CONTEXT

1.1. Project overview

CRISPRO gathers partners, networks, past/ongoing project initiatives, integrates knowledge with any widespread and borderless health diseases, and faces the most significant risks:

- The climate emergency
- Safety and security of societies
- Disaster resilience of the communities

CRISPRO is a diversified consortium of public and private actors, scientists, security, health, civic awareness and educational associations from Slovakia, France, the Czech Republic, Portugal and Finland. We also involve associated stakeholders from Bulgaria, Finland, Italy, Spain, Turkey and East and Central Europe Associations of Municipalities and Regions.

1.2. Specific objectives

Integration of methods, systems and tools from various sectors and countries will strengthen and build a resilient environment and communities in response to combined emergencies of health pandemics and hazards. We believe that achieving more practical planning and assessment of all societal, health, and natural disasters will enable more excellent emergency response and interaction of experts from multiple sectors. The overall Call objective 1 - To support disaster risk management actors that promote and facilitate the development, dissemination and exchange of knowledge, good practices, and we will achieve expertise through the following outcomes:

- Programme/call Outcome 1.1 New technologies and innovative approaches in prevention, preparedness and response are developed, tested and disseminated.
- Programme/call Outcome 1.2 Good practices, recommendations, and lessons in prevention, preparedness and response are collected, reviewed, shared and applied during exercises and real-time emergencies.
- Programme/call Outcome, 1.4 Expertise in civil protection and risk management, is further developed and shared.

The impact of the project intervention will be a stepping-stone to achieve a greater multi-sectoral approach and demonstrate the advantages of networking through practical demonstration of the cooperation framework. Pro-active consideration of relevant horizontal issues in the proposals under



this Call. This includes gender, age, people with disabilities, ethnic minorities, environmental sustainability, green economic practices, resilience in infrastructure, and the protection of cultural heritage, among others.

1.3. Target groups

- Civil protection actors need to increase their coordination activities with scientists and local self-governments, and local actors work with vulnerable groups. First responders can favour technology development and specialists' involvement in emergency response actions and risk analyses.
- Scientists can bring knowledge about climate changes, chemical and physical data relevant for the modelling of emergency assessment planning and assessment (environment, chemical, hydrology, climatology, geology)
- Technology related experts and IT developers bring information and advance technologies for mitigating gaps in emergency assessment and all-hazards and public health pandemic management.
- Self-governing authorities are interested in gaining more knowledge and build proper communication with the rest actors as emergencies happen in their regional territories. The towns and municipalities need to be better prepared and mainstream/invest in mitigating risks and effective response.
- Universities and research institutions bring more knowledge about natural and social resilient factors heavily impacting emergencies, all-hazards, and health situations.
- Health sector actors are gaining access to rest actors and enable medics to better coordinate emergencies related to public health and knowledge for epidemic and pandemic diseases.
- The human and social science sectors bring a lot of information about behavioural trends and community habits. Moreover, it also facilitates communication with vulnerable groups of homeless, elderly persons, ethnic minorities, migrants, asylum seekers, etc.
- Educational and social services actors facilitate contact with the general public and schools and introduce public awareness activities to strengthen knowledge.
- Strategic infrastructure actors are essential partners in assessment, planning and response activities. For example, in an emergency, cause those actors to ensure critical water and electricity supply services, transport infrastructure, etc.
- We shall also involve essential industrial objects on the regional level to develop risk assessment and planning. For example, chemical, steel, energy and related factories can become a source of the industrial hazard of an object of any terrorist attacks, etc.



- Research and think-tank organisations bring knowledge on building better understanding, processes, and policies supporting resilient societies.
- Decision-makers and ministries are critical actors for developing related policies, increasing investments in technologies and risk assessment of combined and all-hazards emergencies.

2. Questionnaire for CrisPro Project partners

Explanation: CrisPro project aims to exchange valuable information on emerging trends and challenges of natural-technological-biological risks. This questionnaire is designed to help identify practices in adapting and building resilience to disasters, threats, and hazards by assessing, planning, preparing, and learning from mistakes and the scientific resilient-driven approaches. The aim is to build the capacity to adopt scientific advances and technological opportunities combined with strategic management.

The questionnaire focuses on the best models, scenarios, and tools to understand social and economic constraints and opportunities facing households, businesses, and governments that have centralised the planning for risk and disaster risk management. In addition, experiences from past events are important to manage, organise, and invest in the current events to mitigate the risk in the future.

The aim is to bridge the gap between first responders, municipalities, public service providers and first responders and to foster collaboration through the development of more integrated and coordinated approaches improving the safety and security of soft targets, to prevent or mitigate the impact of natural, biological and technological threats/hazards, and to learn from past events effectively.

2.1. This questionnaire aims to assess

- (1) mapping of hazard and disaster planning and management practices and community approaches
- (2) identifying 3-5 combined threats (cascading effect disasters) to focus on (selection based on the frequency and higher probability or following the trends) - health /pandemics.
- (3) practical experiences in your organisation, sources of and vulnerability of communities to natural, technological and biological threats/hazards.
- (4) Recent threats and disasters related to societal challenges, including technology and IoT hybrid threats.



2.2. Dissemination methods of the questionnaire:

- Online base questionnaire
- Provide a link with the introduction about the network via emails. using DG ECHO and other partners' networks
- Contract the local associate partners for collecting info
- Deliver about ten structured online interviews with selected persons/key informants

2.3. Responsiveness

Questionnaires have been distributed to about 350 persons. All partners developed contact lists that are properly archived and included in the newsletter mailing list.

- As agreed, the questionnaire is publicised and distribute to the following entities:

1. Regional rescue services
2. Universities
3. Crisis Management Units
4. National Emergency Supply Agency (sectoral working groups)
5. Regional State Administrative Agencies
6. Crisis managers
7. Individual experts

2.4. The aim of the questionnaire

To aggregate information for the development of an Assessment Support System for the policy and decision-makers. By systematising data, trends and information from related sectors/disciplines (intervention areas), the questionnaire aims to cover the most recent trends of societal changes, megatrends in natural and economic environments coupled with behavioural habits and technological advances. As a result, the Assessment Support Tool shall enhance the positive effects of a given policy (characterised as one of several management options), and negative impacts across sectors/disciplines are identified and adequately addressed/mitigated.

Natural, technological (man-made) and biological risk management practices require a comprehensive understanding of the interactions and interdependencies of the related natural, technological and societal systems. Risk assessment can be challenging even for the impacts of a



single natural hazard on a single facility. This initiative focuses on considering multiple and/or combined hazards and multiple interacting facilities simultaneously. One needs to also bear in mind possible further cascading events (e.g. domino accidents) and consequences with cascading impacts (e.g. via business interruption) which requires a comprehensive and multi-vulnerability risk assessment involving complex chain(s) severity considerations.

One of the main goals is to complement the community governance and resilience measures for emergency, preparedness and disaster management and link prevention with financial and policy decisions to management interventions. We will work the tools for planning and re-considering on through moving up and down the cause-effect line to easily elucidate the nature and magnitude of the interactions and disaster effects:

- To map simultaneous, cascading, even disconnected, but temporally subsequent, hazards or threats complicate organisational responses. These various forms of interdependency are short- and mid-term future.
- To develop a comparative set of approaches to addressing the important challenges to modern civil protection.
- To develop an online tool for assessing organisational and prevention methods and mitigating some aspects of expected disasters and risks.
- To stress on the interdependency of modern threats/risks;
- To focus on the need for economic efficiency;
- To promote adjustment to changing nature of communication.
- To examine the challenges in the context of community response practices and high-impact events driving system adaptations;
- To link the system adaptations with political and economic windows of opportunity to determine changes in structural and non-structural prevention measures.

2.5. Type of institutions/actors

Number of Answers: 38

first responders, policy-makers, scientists, NGOs, security organisations, DRR and DRS experts, etc. Half of those participating in the survey are were actively involved in response and/or rescue interventions.

2.6. Structure of the questionnaire

Part I: Experience and practices with disaster management and risk reduction.

The first part of the survey identifies the most frequent type of hazards and critical nature. Another phenomenon, technological that threaten the ordinary and regular functioning of society, also cause damages and technological failure. We aim to identify the most common combination of emergencies and dynamic threat effects, to better understand how to build a resilience assessment matrix, what to invest and how to foster the vulnerability of the systems, people and properties.

Part II – A: Mitigation practices

The second part of the survey centres on societal development and advances that trigger or drive and put in effect potential threats or hazards. After identifying the most common combined hazards (we follow the philosophy of non-mono natural emergencies because of any disruption of a functional system), we define actors enduring the causes and effects of emergencies and disasters. Further, we also look for attributes to the type of vulnerabilities (any time following the consent of putting most exposed and defenceless persons o the first place(following the international humanitarian principles).

Part III: New achievements cause technological advances

The final part of the surveying highlights the improvement of crisis management. Fashionable communication means can enhance the capacities and capabilities. Amongst reasonable preparedness activities shall be considered diverse capacity building models, such as traditional classroom, learning through an online, webinar or virtual table-top-exercises training activities. Finalising the policy-makers shall also employ the most progressive technologies for structured data processing and developing evidence-based policy defence and investment argumentation approach.

3. Assessment of the results

About 92% of respondents are involved in strategic planning, awareness, community activities, intervention, training, analysis, planning, and policy development. More than half of responders are directly involved in the risk management cycle (prevention, preparedness, reaction and recovery). In



addition, about 30% of respondents declare they are working with vulnerable groups and other types of designated groups such as professional operators, the general public, etc.

The public addressed is considered knowledgeable and well-equipped with multiple experiences and skills that enables observing diverse sources and aspects of the multi-hazards.

.....

Most people involved in the survey consider critical combined threats related to the natural disasters and disruption of the critical infrastructure(almost 82%). Health threats and non/linear connectivity with natural disasters are placed in the second position with 68% of the answers. Biological threats(including also pandemics) are part of combined hazards. Either public and social disorder refers to any form of public violation like terrorism or extremism in 15% of selected choices; however, according to respondents, in 36% of cases, the natural events are causing biological and health emergencies. On exploring the most frequent agents causing disasters, 73% of the responses mentioned extraordinary natural events. Actors ranked the smartening the social system, CBRN and cyber drivers of disasters and emergencies are counted on average between 26 and 36%.

Hence social behaviour and habits of mobility and health status of the community can contribute or escalate the disasters in more than 44%. In addition, one respondent outlined that the distribution system operators and rescue service providers could also cause a disaster when technology goes wrong.

Amongst hybrid threats, fake news and social media are leaders with 68%, followed by cyberattacks and information control and overtake. Seven respondents mentioned espionage as a source of hybrid threats.

We also want to gain essential information on the dominant components of the effective disaster response. The emergency response system is gaining answers in 30 out of 38 respondents. It is followed by the demand for preparedness of the public by counting on 60% of the answers. Strategic coordination is gaining half of the reactions. In the last place, the actors mention technological equipment and rescue material (26%).



The second part of the survey is focused on mitigation measures. It aims to identify community practices, risk assessment approaches in place, and organisational approaches. The question refers to activities and groups dealing with reducing the negative impact of disasters. Amongst most endangered objects of social importance are critical infrastructure, pandemics, natural disasters, drought, epidemics in combination with public disorder and smartening of the systems, ranging from 23 to 68%. Landslides are of great consideration for the public infrastructure, while tourism can be affected by earthquakes.

For gaining effective response to various types and scales of disasters, communication with the relevant actors, planning, and participatory interaction of all actors is equally important as building upon regular table-top exercises. Risk mitigation measures can be diversified by the local regulatory framework and seconded legislation. As well as fostering of the public interests can be achieved by employment of modern technologies (use IoT, smart systems, AI, simulations, VR, online communication, integrated emergency response systems, digital or traditional early warning systems, etc. define). Cooperation with endangered communities, in terms of addressed work, is highly ranked than general information of the public. Structural investments are given only 18% of the answers.

Although it is an essential part of the risk mitigation policies, respondents reacted more realistic by selecting measures that can be provided and imposed within a small-scale budget due to overall low public spending on investments with a longer return rate. Practically some investments may concern the next generation of the population. Respondents listed most often hazards subject to risk assessment and mitigation planning. In 78% of answers, threats and disasters related to natural hazards are outlined as the most frequent ones and followed by the social and public order disruption (public events, disruptive and/or dangerous events in public spaces and/or in the online world) (42%) and CBRN or in CBRN contaminated environment including biological agents (34%). In almost 30% of the answers, environmental hazards and Infrastructure disruption (including shortage or access to services and citizens' basic needs) are recurring.

Nonetheless, the climate change effects are not given particular attention. Just in 6 answers, those shall be considered megatrends are influencing the intensity of the highly ranked threats and the exposure of the vulnerable communities, biotopes, and strategic systems and objects.



Smartening the systems is considered the most vulnerable element in responding to disasters as new technologies augment the function of impact and exposure multiplication and cause non-linear effects. In addition, reliable information and lack of structured data enable the pace of disaster spreading and disorder in urban areas. Some respondents also propose to explore how economic and financial, and lack of community resources are assigned to the vulnerability of adverse events.

Further, we feature the vulnerability of the citizens' ecosystems. Utility services are considered most affected by being attributed 29 out of 38 answers. Food security in access to drinkable water is claimed also in 58% of the cases, followed by the resident area disorder caused by environmental damages, landslides and floods.

Actors acknowledge social and health care services as critical in terms of importance vs vulnerability. The educational sector is also ranked 42%, followed by cultural, traditional' restrictions and community habits (27%). The results disclose some new trends in accounting for vulnerability vs values of the society. Restrictions and affected habits are considered family connections more important, which also pledges for greater awareness and public consciousness of critical events. We may allege it to recent two years of public pandemics that made the societies more sensitive to expressions and forms of collective responsiveness.

Health is a generically critical issue. It will be a subject to further studies and researchers in the future, as the soundness of people is already a hidden threat for themselves and the nearest community and/or family. Moreover, healthy behavioural livings is already a synonym of responsible living. Yet, personal health risks considerably affect the elderly persons and those with a physical disability (53%), retired living alone and people with developmental problems and people living in hospitals or social centres (from 39 to 47% of all responses).

Socially most affected are poor and socially excluded groups(migrants, alone mothers, jobless persons, etc.) for having insufficient and stable sources to face the disasters(71%), as well as the elder people living in remote regions due to access isolation and lack of access to food, water and utility services. In general, children are considered most affected as they are dependent on the care of other people who might be injured, victims, or excluded from basic needs (39%).



Financial vulnerability is considered a negative impact from the disruption caused by means and sources such as incomes, economic sector, bankruptcy, insolvency. In more than 73% of the answers, respondents mentioned that disasters might increase the dependence on unemployment benefits and humanitarian aid. In addition, different events can lead to increased poverty and reduced income-generation activities (especially in agriculture). It can also lead to more personal bankruptcy due to decreased incomes and the inability of regular incomes (45-50%). Insolvency of the SME is also pointed out as the source of personal financial vulnerability, which expresses the connectivity between workplace and employees; any disaster causing damages to the small businesses leads to indirect negative effects on the workers and their families.

The last part of the survey provides information on the crisis communication means and capacity-building efforts in the risk management cycle. The early warning investments counting on 64% of answers, SMS services and online reporting systems for mapping hazards and threats (environmental damages, burdens, environmental health issues (air and water quality) are the most effective means of crisis communication. Volunteers management applications are considered more important than virtual emergency centres. It highlights the importance of collective responsiveness and involvement of the public again, as mentioned in 18 of 38 answers.

Awareness is mainly for public information and communication actions and works with multipliers (regional and municipal offices, first responders). Equally, about 30% of responders outline the importance of simulations, active learning online, and classroom traditional forms of education for greater preparedness and capacity-building. Finally, the online media campaigns and inter-sectoral communications are accounted for more than 28% of the responses.

4. Recommendations

The results from the first part of the questionnaire present an inventory of potential combined threats and phenomenon. It allows defining the list of combined threats and multi-hazards centred on the probabilistic practical approach to planning and resilience-driven investments on local and regional levels. In addition, the questionnaires declare increasing trends in the following type of combined hazards, also attained greater importance for the social and economic ecosystem. The hazard, or immediate risk, of an event of interest is estimated and interpreted from the perspective of effects resulting from the non-linear exposure of the damaged, afflicted, distressed groups.

The resilience to multiple agents and/or trends influencing and/or triggering phenomenon/incidents/events causing either failure disruption or suppressing of the system from one or another way. We will assess the resilience indicators together with simulations on the “what-if” certain measures are taken.

What to centre on

- Natural disasters and disruption of the critical infrastructure
- Health threats and non/linear connectivity with natural disasters are
- Biological hazards and public disorder

What accelerates the exposure

- behaviour and habits of mobility and health status of the community
- health status
- environmental degradation
- smartening of the economy and the socio-economic ecosystem

prevention and preparedness

It is further identifying where and how to bring mitigation measures to the attention of the policy-makers and what to put in the first place. Most remediation measures shall be focused on fostering the capacity and overcoming the negative effects or decreasing the damages caused by

- a) natural hazards (wildlife and climate changes affected),



- b) social and public order disruption (public events, disruptive and/or dangerous events in public spaces and/or in the online world),
- c) CBRN or in CBRN contaminated environment including biological agents,
- d) environmental hazards (dangerous landfills, garbage disposals),
- e) a shortage or lack of access to services and citizens' basic needs) are mentioned as recurring.

Amongst the hybrid threats, fake news and social media are given specific attention. The latter shall be considered with cyber-attacks as critical for the crisis managers and local and regional policy-makers. Those are causing non-linear disruptions or failures that trigger unexpected behavioural activation that we may not fully embed in mitigation or contingency planning. It can further deepen the negative effects. We also propose to get inspired by some good practices following the risk assessment of the computer-based and cyber threats causing or endangering the local self-governments administration and societal processes.

The mitigation measures can have structural and non-structural characters. But, most probably, big investments are in the hands of strong and persuasive governments who could defend the demand for greater investment in disaster prevention measures.

Combined disasters and emergencies	
Natural disasters and critical infrastructure + Natural disaster (fire) causing biological threat and social / economic disorder	31
Health threats and natural disasters + Natural disaster (fire) causing biological threat and social / economic disorder	26
The natural event causing biological and health emergency	14
Public disorder (terrorism, extremism actions) amid a pandemic situation	8
Hybrid threat on critical/financial, data and physical infrastructure amid natural disasters	7
AGENTS triggering emergencies and disasters	
Natural phenomenon agent	28
Social behaviour agent (health, mobility)	17
Smartening of societal systems	10
CBRN agent	10
Cyber agent	15



what needed to react	
Availability of emergency response system	30
Preparedness of the public	23
Strategic coordination on the community level	19
Responsiveness of the civilians	10
Technological equipment and material in place	11
Endangered community habits/ecosystem	
Threatened public infrastructure and natural hazards	24
Pandemic and natural disaster	19
Drought and epidemic	14
Smart systems and cyber attack	13
CBRN and natural hazards	11
Pandemic and public disorder	13
dominating component of the risk mitigation approaches/policies and prevention activation	
Communication with relevant actors	20
Planning and cooperation with all activities in a participatory manner	20
Training and table-top-exercises	19
Awareness and information for the general public and endangered objects	17
Analyses and prognosis	15
Cooperation with owners of hazard objects or endangered community owner of infrastructure/objects/service providers	14
Risk mitigation measures, including seconded legislation	13
Preparedness activities aimed at technological development(use IoT, smart systems, AI, simulations, VR, online communication, integrated emergency response systems, digital or traditional early warning systems, etc. define)	13
What to stress on in the processes of preparedness and prevention	
Threats and disasters related to natural hazards+ climate change effect	30
Social and public order disruption (public events, disruptive and/or dangerous events in public spaces and/or in the online world)	16
CBRN or in CBRN contaminated environment including biological agents	13
Environmental hazards	12
Infrastructure disruption(including shortage or access to services and basic needs of citizens)	12
Hybrid threats	11
Lack of basic sources of food and water	10
Ranking the impact of technological advances	
Smart systems interconnectivity multiplying the range of disaster	20



Lack of reliable information needed in emergency events	18
Lack of structured information	11
how to assess the exposure - use following guide (checklist)	
The vulnerability of systems. How are the basic citizens' infrastructure services affected?	
The vulnerability of communities. How is the basic community life affected?	
Health vulnerability. What is the share of the ill and ageing population?	
Social vulnerability. What is the share of social disparities, vulnerable groups of drug inject users, poor persons, ethnic persons, asylum seekers, jobless persons, etc.?	
Financial vulnerability (dependence of the financial system on the disruption of any of the elements providing sources to the system, income, economic sector disruption, bankruptcy, insolvency...)	
what to include in mitigation and prevention activation	
A used app and online tools for early warning	
Used SMS services	
A used online reporting system for mapping hazards and threats (environmental damages, burdens, environmental health issues (air and water quality))	
A used app for management of volunteers	
A used app and virtual emergency centre management	
how to organise the communication and preparedness	
Public information and communication	
Work with multipliers (regional and municipal offices, first responders)	
Online and other media campaigns	
Simulations	
Active learning online	
Active classroom learning	
Inter-sectoral communication	



Enhancing resilience means following reconstruction measures and non-structural actions. The identification of actions will be part of the assessment tool, and the performance of policy-makers is a critical issue. The risk-oriented assessment method will support the identification of actions and measures to be performed/ensured by policy-makers and practitioners. The assessment tool shall support the pathway design to planning the resilience enhancement and reconstruction of strategic and critical areas and ecosystems; By outlining various measures, we build an inventory of financing means, categorised according to their applicability in different contexts.

5. Annexes

5.1. Questionnaire in five different languages www.crispro.eu



5.2. Answers of the questionnaire

	Question No. 1: Have you ever participated (i) actively or (ii) passively in a response/rescue operation or evacuation of many people?	Question No. 2: Could you explain the practical experience in your organisation about threats shortly?	Question 3: Identify 3-5 combined threats or /and cascading effects disasters/emerging situations and/or multiple hazards caused by the same natural event/threats that your organisation has dealt with in the past ten years	Question No. 4: Name the agents that are, in your opinion, the most important in combined hazards, causing effect threats of multiple-hazards	Question No. 5: Identify hybrid threats to the stability of the communities and regions/states – the list of possibilities	Question No. 6: What is the dominant component of the effectiveness in threat/disaster response mechanisms	Question No. 7: Identify community practices in mitigating new threats (give examples maybe through threatened objects, or public spaces, forest, land-related to the scarcity of sources and economic/social stability)	Question No. 8: What is the dominant component of the effectiveness in managing risks and /or small- and large-scale disaster event in your prevention, preparedness and response and relief mechanisms
1	Yes	Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development)	Public disorder(terrorism, extremism actions) amid a pandemic situation	Smartening of societal systems	Information control and overtake	Strategic coordination on the community level	Pandemic and natural disaster	Communication with relevant actors
2	No	Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development)	Other., Natural disaster (fire) causing biological threat and social / economic disorder	Natural phenomenon agent	Information control and overtake, Fake news and social media	Strategic coordination on the community level	Threatened public infrastructure and natural hazards	Planning and cooperation with all activities in a participatory manner, Prevention measures of structural and non-structural investments, Risk mitigation measures, including seconded legislation

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3	Yes	Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development)	Natural disasters and critical infrastructure, The natural event causing biological and health emergency, Hybrid threat on critical/financial, data and physical infrastructure amid natural disasters	Natural phenomenon agent, Social behaviour agent(health, mobility), CBRN agent, Cyber agent	Cyberattack, Information control and overtake, Fake news and social media	Availability of emergency response system	CBRN and natural hazards, Pandemic and natural disaster, Landslides and public infrastructure, Earthquake and tourism	Planning and cooperation with all activities in a participatory manner, Training and table-top-exercises, Cooperation with owners of hazard objects or endangered community owner of infrastructure/objects/service providers, Prevention measures of structural and non-structural investments, Risk mitigation measures, including seconded legislation, Preparedness activities aimed at technological development(use IoT, smart systems, AI, simulations, VR, online communication, integrated emergency response systems, digital or traditional early warning systems, etc. define)
4	Yes	Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development)	Health threats and natural disasters, Natural disasters and critical infrastructure, Public disorder(terrorism, extremism actions) amid a pandemic situation	Natural phenomenon agent, Social behaviour agent(health, mobility)	Cyberattack, Fake news and social media	Strategic coordination on the community level	Pandemic and public disorder	Communication with relevant actors, Planning and cooperation with all activities in a participatory manner



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5	No	Type of action (prevention, preparedness, reaction and recovery)	Health threats and natural disasters, Natural disasters and critical infrastructure, The natural event causing biological and health emergency	Natural phenomenon agent, Social behaviour agent(health, mobility), Cyber agent	Fake news and social media	Strategic coordination on the community level	Pandemic and public disorder	Communication with relevant actors, Analyses and prognosis, Prevention measures of structural and non-structural investments
6	Yes	Type of threat/hazard/risk, Type of action (prevention, preparedness, reaction and recovery)	Natural disasters and critical infrastructure, Technological hazard causing biological threat and social/economic disorder	Social behaviour agent(health, mobility), CBRN agent	Fake news and social media	Availability of emergency response system, Preparedness of the public, Technological equipment and material in place	CBRN and natural hazards, Pandemic and natural disaster, Landslides and public infrastructure, Earthquake and tourism	Planning and cooperation with all activities in a participatory manner, Analyses and prognosis, Training and table-top-exercises, Risk mitigation measures, including seconded legislation, Preparedness activities aimed at technological development(use IoT, smart systems, AI, simulations, VR, online communication, integrated emergency response systems, digital or traditional early warning systems, etc. define)
7	Yes	Type of threat/hazard/risk, Type of action (prevention, preparedness, reaction and recovery), Type of activity (strategic planning, awareness, community activities, intervention, training, analysis,	Health threats and natural disasters, Natural disasters and critical infrastructure, The natural event causing biological and health emergency	Social behaviour agent(health, mobility), Smartening of societal systems, Cyber agent	Cyberattack, Information control and overtake, Fake news and social media	Availability of emergency response system, Preparedness of the public, Responsiveness of the civilians	Threatened public infrastructure and natural hazards, Smart systems and cyber attack	Communication with relevant actors, Planning and cooperation with all activities in a participatory manner, Work with media and information multipliers., Cooperation with owners of hazard objects or endangered community owner of infrastructure/objects/service providers



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		planning, policy development)						
8	No	Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development)	Natural disasters and critical infrastructure, Technological hazard causing biological threat and social/economic disorder	Natural phenomenon agent, Social behaviour agent(health, mobility), Smartening of societal systems	Espionage (organisational or individual), Information control and overtake, Fake news and social media	Availability of emergency response system, Preparedness of the public	Threatened public infrastructure and natural hazards, Pandemic and natural disaster, Smart systems and cyber attack	Preparedness activities aimed at technological development(use IoT, smart systems, AI, simulations, VR, online communication, integrated emergency response systems, digital or traditional early warning systems, etc. define)
9		Type of team, structure and members in team?	Very good options	Rescue services, Distribution system operator (DSO)			Very good options	



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1 0	Yes	Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development)	Health threats and natural disasters, Natural disasters and critical infrastructure, Social disorder (mass evacuation) and biological threats, Public disorder(terrorism, extremism actions) amid a pandemic situation		Espionage (organisational or individual), Cyberattack, Information control and overtake, Fake news and social media	Availability of emergency response system, Preparedness of the public, Strategic coordination on the community level, Responsiveness of the civilians, Technological equipment and material in place	Threatened public infrastructure and natural hazards, Smart systems and cyber-attack, Earthquake and tourism, Involving the citizens as first responders	Communication with relevant actors, Awareness and information for the general public and endangered objects
1 1	Yes	Type of threat/hazard/risk, Training	Social disorder (mass evacuation) and biological threats, The natural event causing biological and health emergency, Technological hazard causing biological threat and social/economic disorder, Public disorder(terrorism, extremism actions) amid a pandemic situation, Hybrid threat on critical/financial, data and physical infrastructure amid natural disasters	CBRN agent	Espionage (organisational or individual)	Availability of emergency response system, Strategic coordination on the community level, Responsiveness of the civilians, Technological equipment and material in place	CBRN and natural hazards, Pandemic and public disorder	Analyses and prognosis, Training and table-top-exercises, Cooperation with owners of hazard objects or endangered community owner of infrastructure/objects/service providers



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1 2	No	Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development)	Health threats and natural disasters, Natural disasters and critical infrastructure, Public disorder(terrorism, extremism actions) amid a pandemic situation	Natural phenomenon agent, Social behaviour agent(health, mobility), Espionage	Espionage (organisational or individual), Cyberattack, Information control and overtake	Preparedness of the public	Threatened public infrastructure and natural hazards, Pandemic and public disorder	Planning and cooperation with all activities in a participatory manner, Analyses and prognosis, Training and table-top-exercises, Awareness and information for the general public and endangered objects
1 3	Nie	Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development), Type of groups (vulnerable groups, general population, professional actors, etc.)	Health threats and natural disasters Health threats and natural disasters .Social disorder (mass evacuation) and biological threats Public disorder(terrorism, extremism actions) amid a pandemic situation. Hybrid threat on critical/financial, data and physical infrastructure amid natural disasters	Spôsobené prírodným javom	Kybernetický útok, Falošné správy a sociálne médiá	Dostupnosť záchranného systému	Ohrozená verejná infraštruktúra a prírodné riziká, Sucho a epidémia	Komunikácia s príslušnými aktérmi, Spolupráca s vlastníkmi nebezpečných objektov alebo ohrozeným komunitným vlastníkom infraštruktúry / objektov / poskytovateľov služieb, Opatrenia na zníženie rizika vrátane osobitných právnych predpisov
1 4	Nie	Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development),	Natural disasters and critical infrastructure	Spôsobené prírodným javom, V dôsledku spoločenského správania (zdravie, mobility)	Falošné správy a sociálne médiá	Dostupnosť záchranného systému, Pripravenosť verejnosti, Strategická koordinácia na úrovni komunity, Schopnosť reakcie civilistov, Technologické zariadenie a materiál na mieste	Ohrozená verejná infraštruktúra a prírodné riziká, Zosuvy pôdy a verejná infraštruktúra	Plánovanie a spolupráca pri všetkých činnostiach participatívnym spôsobom., Praktické tréningy a nadvikvy riadenia počas krízy, Povedomie a informovanosť pre širokú verejnosť a ohrozené objekty, Spolupráca s vlastníkmi nebezpečných objektov alebo ohrozeným komunitným vlastníkom infraštruktúry / objektov / poskytovateľov služieb



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1 5	Nie	Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development),	Health threats and natural disasters Natural disasters and critical infrastructure The natural event causing biological and health emergency	Spôsobené prírodným javom	Kybernetický útok, Kontrola informácií a zasahovanie, Falošné správy a sociálne médiá	Dostupnosť záchranného systému	Ohrozená verejná infraštruktúra a prírodné riziká, Pandémia a poruchy verejnosti, Inteligentné systémy a kybernetické útoky	Komunikácia s príslušnými aktérmi, Analýzy a prognózy
1 6	Áno	Type of threat/hazard/risk 0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development) 0 Type of groups (vulnerable groups, general population, professional actors, etc.)	Health threats and natural disasters Natural disasters and critical infrastructure The natural event causing biological and health emergency. Technological hazard causing biological threat and social/economic disorder	Spôsobené prírodným javom, V dôsledku spoločenského správania (zdravie, mobility), CBRN faktor/agent/ohrozoateľ	Kontrola informácií a zasahovanie, Falošné správy a sociálne médiá	Dostupnosť záchranného systému, Pripravenosť verejnosti, Strategická koordinácia na úrovni komunity, Technologické zariadenie a materiál na mieste	Ohrozená verejná infraštruktúra a prírodné riziká, CBRN a prírodné disaster, Sucho a epidémia	Komunikácia s príslušnými aktérmi, Analýzy a prognózy, Praktické tréningy a nadvikvy riadenia počas krízy, Povedomie a informovanosť pre širokú verejnú a ohrozené objekty, Spolupráca s vlastníkmi nebezpečných objektov alebo ohrozeným komunitným vlastníkom infraštruktúry / objektov / poskytovateľov služieb, Opatrenia na zníženie rizika vrátane osobitných právnych predpisov, Aktivity zamerané na prípravenosť s aktívnym použitím IoT, inteligentných systémov, umelej inteligencie, simulácií, virtuálnej reality, online komunikácie, integrovaných systémov reakcie na núdzové situácie, digitálnych alebo tradičných systémov včasného varovania atď.



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1 7	Nie	Type of threat/hazard/risk 0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development) 0 Type of groups (vulnerable groups, general population, professional actors, etc.), water constructions	Health threats and natural disasters Natural disasters and critical infrastructure. The natural event causing biological and health emergency	Spôsobené prírodným javom, V dôsledku spoločenského správania (zdravie, mobility), CBRN faktor/agent/ohro zovateľ, Cyber faktor/agent/ohro zovateľ	Špionáž (organizovaná alebo individuálna), Kontrola informácií a zasahovanie	Dostupnosť záchranného systému, Strategická koordinácia na úrovni komunity	Ohrozená verejná infraštruktúra a prírodné riziká, CBRN a prírodné riziká, Sucho a epidémia	Komunikácia s príslušnými aktérmi, Plánovanie a spolupráca pri všetkých činnostiach participatívnym spôsobom., Analýzy a prognózy, Praktické tréningy a nadvikvy riadenia počas krízy, Povedomie a informovanosť pre širokú verejnost' a ohrozené objekty, Preventívne opatrenia štrukturálnych a neštrukturálnych investícií
1 8	Áno	Type of threat/hazard/risk 0 Type of groups (vulnerable groups, general population, professional actors, etc.)	Natural disasters and critical infrastructure . The natural event causing biological and health emergency Hybrid threat on critical/financial, data and physical infrastructure amid natural disasters	Spôsobené prírodným javom, V dôsledku spoločenského správania (zdravie, mobility), Cyber faktor/agent/ohro zovateľ	Kybernetický útok, Kontrola informácií a zasahovanie, masívna propaganda ľahko uplatniteľná na lenivých a nekriticky rozmýšľajúcich Slovákov	Pripravenosť verejnosti, Schopnosť reakcie civilistov, Technologické zariadenie a materiál na mieste	Ohrozená verejná infraštruktúra a prírodné riziká, Sucho a epidémia	Komunikácia s príslušnými aktérmi, Plánovanie a spolupráca pri všetkých činnostiach participatívnym spôsobom., Analýzy a prognózy, Praktické tréningy a nadvikvy riadenia počas krízy, Povedomie a informovanosť pre širokú verejnost' a ohrozené objekty, Práca s multiplikátormi médií a informácií, Spolupráca s vlastníkmi nebezpečných objektov alebo ohrozeným komunitným vlastníkom infraštruktúry / objektov / poskytovateľov služieb, Preventívne opatrenia



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								štruktúrálnej a neštruktúrálnej investícií, Aktivity zamerané na pripravenosť s aktívnym použitím IoT, inteligentných systémov, umelej inteligencie, simulácií, virtuálnej reality, online komunikácie, integrovaných systémov reakcie na núdzové situácie, digitálnych alebo tradičných systémov včasného varovania atď.
1 9	Áno	Type of threat/hazard/risk 0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development) 0 Type of groups (vulnerable groups, general population, professional actors, etc.)	Health threats and natural disasters Natural disasters and critical infrastructure.	Spôsobené prírodným javom, V dôsledku technologizácie (smartening) systémov spoločenského života, Cyber faktor/agent/ohrozoateľ	Kybernetický útok, Kontrola informácií a zasahovanie, Falošné správy a sociálne médiá	Dostupnosť záchraného systému, Pripravenosť verejnosti, Technologické zariadenie a materiál na mieste	Ohrozená verejná infraštruktúra a prírodné riziká, Pandemia and natural disaster, Zosuvy pôdy a verejná infraštruktúra	Komunikácia s príslušnými aktérmi, Analýzy a prognózy, Povedomie a informovanosť pre širokú verejnosť a ohrozené objekty, Spolupráca s vlastníkmi nebezpečných objektov alebo ohrozeným komunitným vlastníkom infraštruktúry / objektov / poskytovateľov služieb, Preventívne opatrenia štruktúrálnej a neštruktúrálnej investícií



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2 0	Oui	Type of threat/hazard/risk 0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development) 0 Type of groups (vulnerable groups, general population, professional actors, etc.)	Health threats and natural disasters Natural disasters and critical infrastructure. Désordre social (évacuation massive) et menaces biologiques	Agent de phénomène naturel	Cyberattaque, Contrôle de l'information et dépassement, Fausses nouvelles et réseaux sociaux	Disponibilité du système d'intervention d'urgence, Préparation du public, Coordination stratégique au niveau communautaire	Infrastructure publique menacée et risques naturels, Pandémie et catastrophe naturelle, Systèmes intelligents et cyberattaque	Communication avec les acteurs concernés, Entraînement et exercices sur table, Activités de préparation visant le développement technologique (utilisation de l'IdO, des systèmes intelligents, de l'IA, des simulations, de la RV, de la communication en ligne, des systèmes intégrés d'intervention d'urgence, des systèmes d'alerte précoce numériques ou traditionnels, etc. définissent)
2 1	Si	0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of groups (vulnerable groups, general population, professional actors, etc.)	Minacce alla salute e disastri naturali, Disastri naturali e infrastrutture critiche, Disordine pubblico (terrorismo, azioni di estremismo) in una situazione di pandemia, Minaccia ibrida su infrastrutture critiche/finanziarie, dati e fisiche in mezzo a disastri naturali	Agente di fenomeni naturali, Agente del comportamento sociale (salute, mobilità), Agente informatico, Spionaggio e intelligence organizzativa	Spionaggio (organizzativo o individuale), Cyberattacco, Controllo delle informazioni e bypass, Notizie false e social media	Disponibilità di un sistema di risposta alle emergenze, Preparazione del pubblico, Coordinamento strategico a livello comunitario, Reattività dei civili, Attrezzature tecnologiche e materiale in atto	Infrastrutture pubbliche in pericolo e pericoli naturali, Pandemie e disordini pubblici, Pandemia e calamità naturali, Sistemi intelligenti e attacchi informatici	Pianificazione e cooperazione con tutte le attività in modo partecipativo, Analisi e prognosi, Allenamento ed simulazioni a tavolino, Collaborazione con i proprietari di oggetti pericolosi o proprietari di comunità in pericolo di infrastrutture/oggetti/fornitori di servizi



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2 2	ANO	<p>0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development) actors, etc.)</p>	<p>Health threats and natural disasters Natural disasters and critical infrastructure. The natural event causing biological and health emergency</p>	<p>Způsobené přírodním jevem, V důsledku technologického pokroku (smartening) společenského života, CBRN agens, Kyberterorismus</p>	<p>Kybernetický útok</p>	<p>Dostupnost záchranného systému, Připravenost veřejnosti, Strategická koordinace na úrovni komunity</p>	<p>veřejná infrastruktura a přírodní katastrofy, Pandemie a narušení veřejného pořádku, Sucho a epidemie</p>	<p>Plánování a spolupráce při všech činnostech participativním způsobem., Analýzy a predikce., Práce s médii a informacemi., Opatření ke snížení rizika včetně zvláštních právních předpisů, Aktivity zaměřené na připravenost s aktivním použitím inteligentních systémů, umělé inteligence, simulací, virtuální reality, online komunikace, integrovaných systémů reakce na nouzové situace, digitálních nebo tradičních systémů včasného varování atd.</p>
2 3	ANO	<p>Type of threat/hazard/risk 0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development) 0 Type of groups (vulnerable groups, general population, professional actors, etc.)</p>	<p>Health threats and natural disasters Natural disasters and critical infrastructure. The natural event causing biological and health emergency</p>	<p>Způsobené přírodním jevem, V důsledku společenského chování (zdraví, mobility), V důsledku technologického pokroku (smartening) společenského života</p>	<p>Špionáž (organizovaná nebo individuální), Kybernetický útok, Kontrola informací a zasahování</p>	<p>Dostupnost záchranného systému, Připravenost veřejnosti</p>	<p>veřejná infrastruktura a přírodní katastrofy, Pandemie a narušení veřejného pořádku, Pandemie a přírodní katastrofy, Sucho a epidemie, Inteligentní systémy a kybernetické útoky</p>	<p>Plánování a spolupráce při všech činnostech participativním způsobem., Taktické a prověřovací cvičení., Opatření ke snížení rizika včetně zvláštních právních předpisů</p>



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2 4	NE	<p>0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development)</p>	<p>Natural disasters and critical infrastructure. The natural event causing biological and health emergency. Technological hazard causing biological threat and social/economic disorder</p>	<p>Způsobené přírodním jevem, V důsledku společenského chování (zdraví, mobility), V důsledku technologického pokroku (smartening) společenského života</p>	<p>Špionáž (organizovaná nebo individuální), Falešné zprávy a sociální média</p>	<p>Dostupnost záchranného systému, Připravenost veřejnosti, Strategická koordinace na úrovni komunity, Schopnost reakce civilistů</p>	<p>veřejná infrastruktura a přírodní katastrofy, CBRN a přírodní rizika, Sucho a epidemie</p>	<p>Komunikace s příslušnými orgány., Analýzy a predikce., Taktické a prověřovací cvičení., Povědomí a informovanost pro širokou veřejnost a ohrožené objekty., Práce s médií a informacemi., Preventivní opatření strukturálních a nestrukturálních investic, Opatření ke snížení rizika včetně zvláštních právních předpisů, Aktivity zaměřené na připravenost s aktivním použitím inteligentních systémů, umělé inteligence, simulací, virtuální reality, online komunikace, integrovaných systémů reakce na nouzové situace, digitálních nebo tradičních systémů včasného varování atd.</p>
2 5	NE	<p>Type of threat/hazard/risk 0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development)</p>	<p>Ohrožení zdraví a přírodní katastrofy</p>	<p>Způsobené přírodním jevem, V důsledku technologického pokroku (smartening) společenského života, Kyberterorismus</p>	<p>Kybernetický útok, Kontrola informací a zasahování, Falešné zprávy a sociální média</p>	<p>Dostupnost záchranného systému, Připravenost veřejnosti</p>	<p>veřejná infrastruktura a přírodní katastrofy, Pandemie a narušení veřejného pořádku, Pandemie a přírodní katastrofy, Inteligentní systémy a kybernetické útoky</p>	<p>Komunikace s příslušnými orgány., Plánování a spolupráce při všech činnostech participativním způsobem., Analýzy a predikce., Taktické a prověřovací cvičení., Povědomí a informovanost pro širokou veřejnost a ohrožené objekty., Práce s médií a informacemi., Spolupráce s vlastníky nebezpečných objektů nebo ohroženým komunitním vlastníkem infrastruktury / objektů / poskytovatelů služeb., Aktivity zaměřené na připravenost s aktivním</p>



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								<p>použitím inteligentních systémů, umělé inteligence, simulací, virtuální reality, online komunikace, integrovaných systémů reakce na nouzové situace, digitálních nebo tradičních systémů včasného varování atd.</p>
2 6	ANO	<p>Type of threat/hazard/risk 0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development)</p>	<p>Ohrožení zdraví a přírodní katastrofy, Přírodní katastrofy a kritická infrastruktura</p>	<p>Způsobené přírodním jevem, V důsledku společenského chování (zdraví, mobility)</p>	<p>Falešné zprávy a sociální média</p>	<p>Dostupnost záchranného systému, Přípravenost veřejnosti</p>	<p>veřejná infrastruktura a přírodní katastrofy, Inteligentní systémy a kybernetické útoky</p>	<p>Komunikace s příslušnými orgány., Taktické a prověřovací cvičení., Povědomí a informovanost pro širokou veřejnost a ohrožené objekty., Opatření ke snížení rizika včetně zvláštních právních předpisů</p>
2 7	ANO	<p>0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development)</p>	<p>Ohrožení zdraví a přírodní katastrofy, Přírodní katastrofy a kritická infrastruktura</p>	<p>Způsobené přírodním jevem, V důsledku technologického pokroku (smartening) společenského života, Kyberterorismus</p>	<p>Kybernetický útok, Falešné zprávy a sociální média</p>	<p>Dostupnost záchranného systému, Strategická koordinace na úrovni komunity</p>	<p>Pandemie a přírodní katastrofy, Sucho a epidemie</p>	<p>Komunikace s příslušnými orgány., Plánování a spolupráce při všech činnostech participativním způsobem., Analýzy a predikce., Taktické a prověřovací cvičení., Opatření ke snížení rizika včetně zvláštních právních předpisů</p>



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28	NE	0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development)	Přírodní katastrofy a kritická infrastruktura	Způsobené přírodním jevem, V důsledku technologického pokroku (smartening) společenského života, Kyberterorismus	Kybernetický útok, Falešné zprávy a sociální média	Dostupnost záchranného systému, Připravenost veřejnosti, Strategická koordinace na úrovni komunity, Schopnost reakce civilistů, Technologické zařízení a materiál na místě	veřejná infrastruktura a přírodní katastrofy, Sucho a epidemie	Komunikace s příslušnými orgány., Analýzy a predikce., Taktické a prověřovací cvičení., Povědomí a informovanost pro širokou veřejnost a ohrožené objekty., Spolupráce s vlastníky nebezpečných objektů nebo ohroženým komunitním vlastníkem infrastruktury / objektů / poskytovatelů služeb., Opatření ke snížení rizika včetně zvláštních právních předpisů, Aktivity zaměřené na připravenost s aktivním použitím inteligentních systémů, umělé inteligence, simulací, virtuální reality, online komunikace, integrovaných systémů reakce na nouzové situace, digitálních nebo tradičních systémů včasného varování atd.
29	ANO	0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development)	Ohrožení zdraví a přírodní katastrofy, Přírodní katastrofy a kritická infrastruktura	Způsobené přírodním jevem, Kyberterorismus	Kybernetický útok, Falešné zprávy a sociální média	Dostupnost záchranného systému, Připravenost veřejnosti	veřejná infrastruktura a přírodní katastrofy, Pandemie a přírodní katastrofy, Inteligentní systémy a kybernetické útoky	Taktické a prověřovací cvičení., Povědomí a informovanost pro širokou veřejnost a ohrožené objekty.

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3 0	ANO	0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development)	Ohrožení zdraví a přírodní katastrofy, Přírodní katastrofy a kritická infrastruktura, Přírodní událost způsobující biologickou a zdravotnickou pohotovost	V důsledku technologického pokroku (smartening) společenského života, Kyberterorismus	Špionáž (organizovaná nebo individuální), Kybernetický útok	Přípravenost veřejnosti, Strategická koordinace na úrovni komunity	Sucho a epidemie	Plánování a spolupráce při všech činnostech participativním způsobem., Analýzy a predikce., Práce s médií a informacemi.
3 1	Si	0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of groups (vulnerable groups, general population, professional actors, etc.)	Minacce alla salute e disastri naturali, Disastri naturali e infrastrutture critiche, Disordine pubblico (terrorismo, azioni di estremismo) in una situazione di pandemia, Minaccia ibrida su infrastrutture critiche/finanziarie, dati e fisiche in mezzo a disastri naturali	Agente di fenomeni naturali, Agente del comportamento sociale (salute, mobilità), Agente informatico, Spionaggio e intelligence organizzativa	Spionaggio (organizzativo o individuale), Cyberattacco, Controllo delle informazioni e bypass, Notizie false e social media	Disponibilità di un sistema di risposta alle emergenze, Preparazione del pubblico, Coordinamento strategico a livello comunitario, Reattività dei civili, Attrezzature tecnologiche e materiale in atto	Infrastrutture pubbliche in pericolo e pericoli naturali, Pandemie e disordini pubblici, Pandemia e calamità naturali, Sistemi intelligenti e attacchi informatici	Pianificazione e cooperazione con tutte le attività in modo partecipativo, Analisi e prognosi, Allenamento ed simulazioni a tavolino, Collaborazione con i proprietari di oggetti pericolosi o proprietari di comunità in pericolo di infrastrutture/oggetti/fornitori di servizi
3 2	No	0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development)	Minacce alla salute e disastri naturali	Agente di fenomeni naturali, Agente informatico	Cyberattacco, Notizie false e social media	Disponibilità di un sistema di risposta alle emergenze, Coordinamento strategico a livello comunitario	Pandemia e calamità naturali	Collaborazione con i proprietari di oggetti pericolosi o proprietari di comunità in pericolo di infrastrutture/oggetti/fornitori di servizi, Misure di prevenzione degli investimenti strutturali e non strutturali



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3 3	No	<p>0 Type of action (prevention, preparedness, reaction and recovery)</p> <p>0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development)</p>	<p>Minacce alla salute e disastri naturali, Disastri naturali e infrastrutture critiche, L'evento naturale che causa l'emergenza biologica e sanitaria</p>	<p>Agente di fenomeni naturali</p>	<p>Cyberattacco, Controllo delle informazioni e bypass, Notizie false e social media</p>	<p>Disponibilità di un sistema di risposta alle emergenze, Preparazione del pubblico, Coordinamento strategico a livello comunitario</p>	<p>Infrastrutture pubbliche in pericolo e pericoli naturali, Pandemie e disordini pubblici, Pandemia e calamità naturali, Sistemi intelligenti e attacchi informatici, Frane e infrastrutture pubbliche</p>	<p>Comunicazione con attori rilevanti, Pianificazione e cooperazione con tutte le attività in modo partecipativo, Allenamento ed simulazioni a tavolino, Consapevolezza e informazione per il pubblico in generale e oggetti in pericolo, Misure di mitigazione del rischio, compresa la legislazione collegata, Attività di preparazione finalizzate allo sviluppo tecnologico (uso IoT, sistemi intelligenti, AI, simulazioni, VR, comunicazione online, sistemi integrati di risposta alle emergenze, sistemi di allarme precoce digitali o tradizionali, ecc)</p>
3 4	Sí	<p>0 Type of action (prevention, preparedness, reaction and recovery)</p>	<p>Ameazas para a saúde e desastres naturais;Desastres naturais e infraestructuras críticas;Ameaza tecnolóxica que provoca ameazas biolóxicas e perturbación social / económica;Disturbio público (terrorismo, accións de extremismo) en medio dunha situación pandémica;Eventos naturais que causan emerxencias biolóxicas e sanitarias;</p>	<p>Factor cibernético;Fenómenos naturais;Factor QBRN (ameazas químicas, biolóxicas, de radiación e nucleares);</p>	<p>Noticias falsas e redes sociais;Ciberataque;</p>	<p>Preparación da poboación;Existencia dun sistema de resposta a emerxencias;</p>	<p>Perigos naturais e QBRN (ameazas químicas, biolóxicas, de radiación e nucleares);Infraestructura pública ameazada e ameazas naturais;</p>	<p>Análise e pronóstico;Planificación e cooperación con todas as actividades de xeito participativo;Concienciación e información para o público en xeral, e obxectos ameazados;Cooperación con propietarios de elementos ameazados ou propietarios de infraestructuras / obxectos / provedores de servizos dunha comunidade en perigo;Entrenamento e simulacros;</p>

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3 5	Sí	<p>"Type of threat/hazard/risk 0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development) 0 Type of groups (vulnerable groups, general population, professional actors, etc.)"</p>	<p>Ameazas para a saúde e desastres naturais;Desastres naturais e infraestruturas críticas;Perturbación social (evacuación masiva) e ameazas biolóxicas;Eventos naturais que causan emerxencias biolóxicas e sanitarias;Ameazas combinadas que afectan a infraestruturas críticas de datos, ou financeiras, e a infraestruturas físicas en medio de desastres naturais;</p>	<p>Fenómenos naturais;Circunstancias sociais (saúde, movilidad);Factor or cibernético;</p>	<p>Ciberataque;Noticias falsas e redes sociais;</p>	<p>Existencia dun sistema de resposta a emerxencias;</p>	<p>Sequía e epidemia;Terremoto e turismo;Deslizamentos de terra e infraestructura pública;Pandemia e desorde pública;</p>	<p>Planificación e cooperación con todas as actividades de xeito participativo;Análise e pronóstico;Entrenamento e simulacros;Concienciación e información para o público en xeral, e obxectos ameazados;Medidas de mitigación de riscos, apoiadas pola lexislación;Actividades de preparación orientadas ao desenvolvemento tecnolóxico (uso de IoT - Internet das Cousas, sistemas intelixentes, IA, simulacións, RV, comunicación online, sistemas integrados de resposta a emerxencias, sistemas dixitais ou tradicionais de alerta temprana, etc.);</p>
3 6	Sí	<p>0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development) 0 Type of groups (vulnerable groups, general population,</p>	<p>Ameazas para a saúde e desastres naturais;Desastres naturais e infraestruturas críticas;Eventos naturais que causan emerxencias biolóxicas e sanitarias;Ameaza tecnolóxica que provoca ameazas biolóxicas e perturbación social / económica;Perturbación social (evacuación masiva) e ameazas biolóxicas;</p>	<p>Fenómenos naturais;Factor QBRN (ameazas químicas, biolóxicas, de radiación e nucleares);</p>	<p>Noticias falsas e redes sociais;Control de información e exceso de información;Espionaxe (organizacional ou individual);</p>	<p>Preparación da poboación;Coordinación estratéxica a nivel comunitario;Existencia dun sistema de resposta a emerxencias;</p>	<p>Perigos naturais e QBRN (ameazas químicas, biolóxicas, de radiación e nucleares);</p>	<p>Comunicación con responsables relevantes;Planificación e cooperación con todas as actividades de xeito participativo;Entrenamento e simulacros;Concienciación e información para o público en xeral, e obxectos ameazados;Actividades de preparación orientadas ao desenvolvemento tecnolóxico (uso de IoT - Internet das Cousas, sistemas intelixentes, IA, simulacións, RV, comunicación online, sistemas integrados de</p>



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		professional actors, etc.)"						resposta a emerxencias, sistemas dixitais ou tradicionais de alerta temprana, etc.);
3 7	Sí	0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development) 0 Type of groups (vulnerable groups, general population, professional actors, etc.)"	Ameazas para a saúde e desastres naturais;Eventos naturais que causan emerxencias biolóxicas e sanitarias;Perturbación social (evacuación masiva) e ameazas biolóxicas;	Circunstancias sociais (saúde, mobilidade);Fact or QBRN (ameazas químicas, biolóxicas, de radiación e nucleares);Espio naxe e intelixencia organizacional;	Ciberataque;Control de información e exceso de información;Noticias falsas e redes sociais;	Coordinación estratéxica a nivel comunitario;Capacidade de resposta dos cidadáns;Existencia dun sistema de resposta a emerxencias;	Perigos naturais e QBRN (ameazas químicas, biolóxicas, de radiación e nucleares);Pandemia e desastre natural;Sequía e epidemia;	Planificación e cooperación con todas as actividades de xeito participativo;Traballar con multiplicadores de información e medios;Concienciación e información para o público en xeral, e obxectos ameazados;Medidas de mitigación de riscos, apoiadas pola lexislación;
3 8	Sí	"Type of threat/hazard/risk 0 Type of action (prevention, preparedness, reaction and recovery) 0 Type of activity (strategic planning, awareness, community	Desastres naturais e infraestructuras críticas;Ameazas para a saúde e desastres naturais;	Fenómenos naturais;Factor QBRN (ameazas químicas, biolóxicas, de radiación e nucleares);	Noticias falsas e redes sociais;	Preparación da poboación;Existencia dun sistema de resposta a emerxencias;	Perigos naturais e QBRN (ameazas químicas, biolóxicas, de radiación e nucleares);Pandemia e desorde pública;	Análise e pronóstico;Entrenamento e simulacros;Medidas de prevención incluídas nas inversións estruturais e non estruturais;Medidas de mitigación de riscos, apoiadas pola lexislación;



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		activities, intervention, training, analysis, planning, policy development) 0 Type of groups (vulnerable groups, general population, professional actors, etc.)"						
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	Question No. 9: Select the organisational cases of practices in risk assessment and preparedness	Question No. 10: How technological development, transportation of goods and movement of persons impact the disaster/hazard spread concerning the condition and site organisation you are responsible for regarding vulnerability to adverse events?	Question No. 11: The vulnerability of systems. How are the basic citizens' infrastructure services affected?	Question No. 12: The vulnerability of communities. How was the basic community life affected?	Question No. 13: Health vulnerability. What is the share of the ill and ageing population?	Question No. 14: Social vulnerability. What is the share of social disparities, vulnerable groups of drug inject users, poor persons, ethnic persons, asylum seekers, jobless persons, etc.?	Question No. 15: Financial vulnerability (dependence of the financial system on the disruption of any of the elements providing sources to the system, income, taxpayers, economic sector disruption, bankruptcy, insolvency...)	Question No. 16: Communication on wider threats. Communication tools and app (Engagement and participation of the civil society is crucial for the success of the community)	Question No. 17: Any capacity-building efforts or awareness forms used in prevention, preparedness, early warning, disaster management and recovery
1	Lack of basic sources of food and water	A disorder caused by development activities in urban areas and natural protected areas	Urban city transport disorder	Affected community habits	Affected elder persons living alone in remote regions	Affected elder persons living alone in remote regions	Increased SME insolvency	A used app and online tools for early warning	Simulations



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2	Threats and disasters related to natural threats, Hybrid threats	A disorder caused by development activities in urban areas and natural protected areas	Utility services disorder(water, electricity, gas, gasoline, etc.), Residents' area disorder(environmental damages, slides, floods, etc.)	Social and health care services to vulnerable groups, Economic activity affected	Affected elder people, Affected elder persons living alone in remote regions	Affected poor and socially excluded groups(migrants, alone mothers, jobless persons, etc.)	Reduced access to income-generation activities, Increased dependence on unemployment benefits and humanitarian material aid	Used SMS services, A used app for management of volunteers, A used app and online tools for early warning	Simulations, Active classroom learning, Work with multipliers(regional and municipal offices, first responders), Inter-sectoral communication
3	CBRN or in CBRN contaminated environment including biological agents, Threats and disasters related to natural threats, Environmental hazards, Social and public order disruption (public events, disruptive and/or dangerous events in public spaces and/or in the online world), Infrastructure disruption(including shortage or access to services and basic needs of citizens)	Smart systems interconnectivity multiplying the range of disaster	Utility services disorder(water, electricity, gas, gasoline, etc.), Urban city transport disorder	School life, Social and health care services to vulnerable groups, Culture and traditions restrictions, Family values affected, Affected community habits	Affected ill persons and people with developmental problems, Affected elder people, Affected persons with physical disabilities, Affected persons in hospitals, social care centres	Affected poor and socially excluded groups(migrants, alone mothers, jobless persons, etc.)	Increased poverty, and energy poverty, Reduced access to income-generation activities, Increased dependence on unemployment benefits and humanitarian material aid, Increased personal bankruptcies	A used app and online tools for early warning, A used online reporting system for mapping hazards and threats(environmental damages, burdens, environmental health issues(air and water quality)	Web-based training activities, Simulations, Active learning online, Active classroom learning, Work with multipliers(regional and municipal offices, first responders), Inter-sectoral communication



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4	CBRN or in CBRN contaminated environment including biological agents, Threats and disasters related to natural threats, Environmental hazards, Social and public order disruption (public events, disruptive and/or dangerous events in public spaces and/or in the online world), Hybrid threats	Smart systems interconnectivity multiplying the range of disaster, Lack of reliable information needy in emergency events	Utility services disorder(water, electricity, gas, gasoline, etc.), Residents' area disorder(environmental damages, slides, floods, etc.)	Social and health care services to vulnerable groups, Affected community habits	Affected elder people, Affected elder persons living alone in remote regions, Affected persons with physical disabilities, Affected persons in hospitals, social care centres	Affected elder persons living alone in remote regions, Affected poor and socially excluded groups(migrants, alone mothers, jobless persons, etc.)	Increased poverty, and energy poverty, Reduced access to income-generation activities, Increased dependence on unemployment benefits and humanitarian material aid, Increased SME insolvency	Used SMS services, A used app for management of volunteers	Public information and communication, Online and other media campaigns
5	Threats and disasters related to natural threats, Climate change threats	A disorder caused by development activities in urban areas and natural protected areas	Public transport disorder(inter-regional bus, train, etc. means of communication)	Social and health care services to vulnerable groups	Affected elder persons living alone in remote regions	Affected poor and socially excluded groups(migrants, alone mothers, jobless persons, etc.)	Reduced access to income-generation activities, Increased personal bankruptcies	Used SMS services, A used app and online tools for early warning	Public information and communication
6	CBRN or in CBRN contaminated environment including biological agents, Threats and disasters related to natural threats, Social and public order disruption (public events,	Smart systems interconnectivity multiplying the range of disaster, Lack of structured information	Food security and access to drinkable water disorder, Utility services disorder(water, electricity, gas, gasoline, etc.), Public transport disorder(inter-regional bus, train, etc. means of	School life, Social and health care services to vulnerable groups	Affected ill persons and people with developmental problems, Affected persons with physical disabilities, Affected persons in hospitals, social care centres	Affected children, Affected elder persons living alone in remote regions	Increased poverty, and energy poverty, Reduced access to income-generation activities, Increased dependence on unemployment benefits and humanitarian material aid, Increased SME insolvency	A used app for management of volunteers, A used app and online tools for early warning, A used app and virtual emergency centre management, A used online reporting system for mapping hazards and	Public information and communication, Web-based training activities, Work with multipliers(regional and municipal



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	disruptive and/or dangerous events in public spaces and/or in the online world), Infrastructure disruption(including shortage or access to services and basic needs of citizens), Hybrid threats		communication), Residents' area disorder(environmental damages, slides, floods, etc.)					threats(environmental damages, burdens, environmental health issues(air and water quality)	offices, first responders), Inter-sectoral communication
7	Climate change threats, Lack of basic sources of food and water, Social and public order disruption (public events, disruptive and/or dangerous events in public spaces and/or in the online world), Infrastructure disruption(including shortage or access to services and basic needs of citizens), Hybrid threats	Smart systems interconnectivity multiplying the range of disaster, Lack of structured information, Lack of reliable information needy in emergency events	Utility services disorder(water, electricity, gas, gasoline, etc.), Public transport disorder(inter-regional bus, train, etc. means of communication)	School life, Social and health care services to vulnerable groups	Affected ill persons and people with developmental problems, Affected elder persons living alone in remote regions, Affected persons with physical disabilities	Affected children, Affected poor and socially excluded groups(migrants, alone mothers, jobless persons, etc.)	Increased poverty, and energy poverty, Reduced access to income-generation activities, Increased dependence on unemployment benefits and humanitarian material aid, Increased SME insolvency, Increased personal bankruptcies	Used SMS services, A used app and online tools for early warning, A used online reporting system for mapping hazards and threats(environmental damages, burdens, environmental health issues(air and water quality)	Public information and communication, Online and other media campaigns, Simulations, Work with multipliers(regional and municipal offices, first responders), Inter-sectoral communication



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8	Threats and disasters related to natural threats, Climate change threats, Lack of basic sources of food and water, Hybrid threats	A disorder caused by development activities in urban areas and natural protected areas, Lack of reliable information needy in emergency events	Utility services disorder(water, electricity, gas, gasoline, etc.)		Affected elder people	Affected elder persons living alone in remote regions	Increased poverty, and energy poverty	A used online reporting system for mapping hazards and threats(environmental damages, burdens, environmental health issues(air and water quality)	Public information and communication, Online and other media campaigns, Active learning online
9		Some how I would like to search also economical and financial effects on community and lack on resources in state level		Gender perspective?	Affected elder people	Affected children	Increased poverty, and energy poverty		Option other is lacking in many questions, but it didn't disturb me, because those options were very wide and diverse
10	CBRN or in CBRN contaminated environment including biological agents, Social and public order disruption (public events, disruptive and/or dangerous events in public spaces and/or in the online world)	A disorder caused by development activities in urban areas and natural protected areas, Lack of reliable information needy in emergency events	Food security and access to drinkable water disorder, Utility services disorder(water, electricity, gas, gasoline, etc.), Public transport disorder(inter-regional bus, train, etc. means of communication)	School life, Social and health care services to vulnerable groups, Culture and traditions restrictions	Affected ill persons and people with developmental problems	Affected elder persons living alone in remote regions	Increased poverty, and energy poverty, Reduced access to income-generation activities, Increased dependence on unemployment benefits and humanitarian material aid, Increased SME insolvency, Increased personal bankruptcies	Used SMS services	Public information and communication, Online and other media campaigns, Web-based training activities, Simulations, Active learning online, Active classroom learning



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SYNERGIES**

11	CBRN or in CBRN contaminated environment including biological agents, Environmental hazards, Social and public order disruption (public events, disruptive and/or dangerous events in public spaces and/or in the online world)	Smart systems interconnectivity multiplying the range of disaster, Lack of reliable information needy in emergency events	Utility services disorder(water, electricity, gas, gasoline, etc.), Residents' area disorder(environmental damages, slides, floods, etc.)		Affected persons in hospitals, social care centres	Affected poor and socially excluded groups(migrants, alone mothers, jobless persons, etc.)	Increased dependence on unemployment benefits and humanitarian material aid	A used app for management of volunteers, A used app and online tools for early warning, A used app and virtual emergency centre management, A used online reporting system for mapping hazards and threats(environmental damages, burdens, environmental health issues(air and water quality)	Simulations, Active learning online, Active classroom learning, Work with multipliers(regional and municipal offices, first responders), Inter-sectoral communication
12	Threats and disasters related to natural threats, Social and public order disruption (public events, disruptive and/or dangerous events in public spaces and/or in the online world), Hybrid threats	A disorder caused by development activities in urban areas and natural protected areas, Lack of reliable information needy in emergency events	Food security and access to drinkable water disorder, Utility services disorder(water, electricity, gas, gasoline, etc.), Public transport disorder(inter-regional bus, train, etc. means of communication)	School life, Social and health care services to vulnerable groups, Family values affected	Affected ill persons and people with developmental problems, Affected persons with physical disabilities	Affected poor and socially excluded groups(migrants, alone mothers, jobless persons, etc.)	Reduced access to income-generation activities, Increased dependence on unemployment benefits and humanitarian material aid	Used SMS services, A used online reporting system for mapping hazards and threats(environmental damages, burdens, environmental health issues(air and water quality)	Public information and communication, Online and other media campaigns, Web-based training activities
13	Hrozby a katastrofy súvisiace s prírodnými hrozbami	Nedostatok štruktúrovaných informácií	Poruchy inžinierskych sietí (voda, elektrina, plyn, benzín, atď.), Škody na obývaných oblastiach (škody na životnom prostredí, klzké	Služby sociálnej a zdravotnej starostlivosti pre zraniteľné skupiny	Zasiahnutí starí ľudia žijúci osamelo v odľahlých regiónoch	Zasiahnutí starí ľudia žijúci osamelo v odľahlých regiónoch	Zvýšená chudoba a energetická chudoba, Znížený prístup k činnostiam generujúcim príjem, Zvýšená závislosť na dávkach v nezamestnanosti a humanitárnej pomoci	Použité sms služby	Verejné informácie a komunikácia, Online a ďalšie mediálne kampane, Medzisektorová komunikácia



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			plochy, povodne atď.)						
14	Narušenie infraštruktúry (vrátane nedostatku alebo prístupu k službám a základným potrebám občanov)	V prípade mimoriadnych udalostí chýba dostatok spoľahlivých informácií	Ťažkosti s potravinovou bezpečnosťou a v prístupe k pitnej vode, Poruchy inžinierskych sietí (voda, elektrina, plyn, benzín, atď.)	Školský život, Služby sociálnej a zdravotnej starostlivosti pre zraniteľné skupiny, Kultúrne a tradičné obmedzenia, Oplyvnené rodinné hodnoty, Oplyvnené zvyky komunity (Oplyvnené komunitné väzby vyvolávajúce sociálne a ekonomické kontakty.)	Zasiahnuté osoby v nemocniciach, centrách sociálnej starostlivosti	Oplyvnené chudobné a sociálne vylúčené skupiny (migranti, osamelé matky, nezamestnané osoby atď.)	Znížený prístup k činnostiam generujúcim príjem, Zvýšená závislosť na dávkach v nezamestnanosti a humanitárnej pomoci, Zvýšená platobná neschopnosť MSP, Zvýšené osobné bankroty	Použité sms služby	Verejné informácie a komunikácia, Webináre - vzdelávacie aktivity, Simulácie, Práca s multiplikátormi (regionálne a obecné úrady, osoby, ktoré reagujú ako prvé), Medzisektorová komunikácia
15	Hrozby v dôsledku zmeny klímy, Riziká pre životné prostredie	Prepojenosť inteligentných systémov znásobujúca rozsah katastrofy, Nedostatok štruktúrovaných informácií	Ťažkosti s potravinovou bezpečnosťou a v prístupe k pitnej vode, Poruchy verejnej dopravy (medziregionálne autobusy, vlaky atď. komunikačné prostriedky)	Služby sociálnej a zdravotnej starostlivosti pre zraniteľné skupiny, Oplyvnené rodinné hodnoty	Zasiachnutí starší ľudia, Zasiachnuté osoby s telesným postihnutím	Zasiachnutí starí ľudia žijúci osamelo v odľahlých regiónoch	Zvýšená chudoba a energetická chudoba, Zvýšená závislosť na dávkach v nezamestnanosti a humanitárnej pomoci, Zvýšené osobné bankroty	Použité sms služby, Použitá aplikácia na riadenie a koordináciu dobrovoľníkov	Online a ďalšie mediálne kampane, Simulácie



16	<p>CBRN alebo v CBRN kontaminovanom prostredí vrátane biologických látok, Hrozby a katastrofy súvisiace s prírodnými hrozbami, Hrozby v dôsledku zmeny klímy, Nedostatok základných zdrojov potravy a vody, Narušenie infraštruktúry (vrátane nedostatku alebo prístupu k službám a základným potrebám občanov)</p>	<p>Nedostatok štruktúrovaných informácií, V prípade mimoriadnych udalostí chýba dostatok spoľahlivých informácií</p>	<p>Ťažkosti s potravinovou bezpečnosťou a v prístupe k pitnej vode, Poruchy inžinierskych sietí (voda, elektrina, plyn, benzín, atď.), Škody na obývaných oblastiach (škody na životnom prostredí, klzké plochy, povodne atď.)</p>	<p>Školský život, Služby sociálnej a zdravotnej starostlivosti pre zraniteľné skupiny, Ovplynené zvyky komunity (Ovplynené komunitné väzby vyvolávajúce sociálne a ekonomické kontakty.)</p>	<p>Zasiahnutí starší ľudia, Zasiahnutí starí ľudia žijúci osamelo v odľahlých regiónoch, Zasiahnuté osoby s telesným postihnutím, Zasiahnuté osoby v nemocniciach, centrách sociálnej starostlivosti</p>	<p>Zasiahnuté deti a maloleté, Ovplynené chudobné a sociálne vylúčené skupiny (migranti, osamelé matky, nezamestnané osoby atď.)</p>	<p>Zvýšená chudoba a energetická chudoba, Znížený prístup k činnostiam generujúcim príjem, Zvýšená závislosť na dávkach v nezamestnanosti a humanitárnej pomoci</p>	<p>Použitá aplikácia na riadenie a koordináciu dobrovoľníkov, Použitá aplikácia a online nástroje na včasné varovanie, Použitý online systém na evidenciu, mapovanie nebezpečenstiev a ohrození (škody na životnom prostredí, záťaž, zdravotné problémy životného prostredia (kvalita ovzdušia a vody)</p>	<p>Verejné informácie a komunikácia, Simulácie, Aktívne vzdelávanie online, Práca s multiplikátormi (regionálne a obecné úrady, osoby, ktoré reagujú ako prvé)</p>
17	<p>Hrozby a katastrofy súvisiace s prírodnými hrozbami, Hrozby v dôsledku zmeny klímy, Nedostatok základných zdrojov potravy a vody, Riziká pre životné prostredie</p>	<p>Prepojenosť inteligentných systémov znásobujúca rozsah katastrofy, V prípade mimoriadnych udalostí chýba dostatok spoľahlivých informácií</p>	<p>Ťažkosti s potravinovou bezpečnosťou a v prístupe k pitnej vode, Poruchy inžinierskych sietí (voda, elektrina, plyn, benzín, atď.), Škody na obývaných oblastiach (škody na životnom prostredí, klzké plochy, povodne atď.)</p>	<p>Školský život, Služby sociálnej a zdravotnej starostlivosti pre zraniteľné skupiny</p>	<p>Zasiahnuté choré osoby a ľudia s vývojovými problémami, Zasiahnutí starší ľudia, Zasiahnutí starí ľudia žijúci osamelo v odľahlých regiónoch, Zasiahnuté osoby s telesným postihnutím</p>	<p>Zasiahnuté deti a maloleté, Zasiahnutí starí ľudia žijúci osamelo v odľahlých regiónoch, Ovplynené chudobné a sociálne vylúčené skupiny (migranti, osamelé matky, nezamestnané osoby atď.)</p>	<p>Zvýšená chudoba a energetická chudoba, Znížený prístup k činnostiam generujúcim príjem</p>	<p>Použitie sms služby, Použitý online systém na evidenciu, mapovanie nebezpečenstiev a ohrození (škody na životnom prostredí, záťaž, zdravotné problémy životného prostredia (kvalita ovzdušia a vody)</p>	<p>Verejné informácie a komunikácia, Webináre - vzdelávacie aktivity, Simulácie, Medzisektorová komunikácia</p>



18	<p>CBRN alebo v CBRN kontaminovanom prostredí vrátane biologických látok, Hrozby a katastrofy súvisiace s prírodnými hrozbami, Nedostatok základných zdrojov potravy a vody, Riziká pre životné prostredie, Narušenie spoločenského a verejného poriadku (verejná udalosť, rušivé a / alebo nebezpečné udalosti na verejných priestranstvách a / alebo v online svete), Hybridné hrozby</p>	<p>Prepojenosť inteligentných systémov znásobujúca rozsah katastrofy, Nedostatok štruktúrovaných informácií, V prípade mimoriadnych udalostí chýba dostatok spoľahlivých informácií</p>	<p>Ťažkosti s potravinovou bezpečnosťou a v prístupe k pitnej vode, Poruchy inžinierskych sietí (voda, elektrina, plyn, benzín, atď.), Škody na obývaných oblastiach (škody na životnom prostredí, klzké plochy, povodne atď.)</p>	<p>Školský život, Služby sociálnej a zdravotnej starostlivosti pre zraniteľné skupiny, Kultúrne a tradičné obmedzenia, Ovplynené zvyky komunity (Ovplynené komunitné väzby vyvolávajúce sociálne a ekonomické kontakty.)</p>	<p>Zasiahnuté choré osoby a ľudia s vývojovými problémami, Zasiahnuté osoby v nemocniciach, centrách sociálnej starostlivosti</p>	<p>Zasiahnuté deti a maloleté</p>	<p>Zvýšená chudoba a energetická chudoba, Znížený prístup k činnostiam generujúcim príjem, Zvýšená závislosť na dávkach v nezamestnanosti a humanitárnej pomoci, Zvýšená platobná neschopnosť MSP</p>	<p>Použité sms služby, Použitá aplikácia na riadenie a koordináciu dobrovoľníkov, Použitá aplikácia a online nástroje na včasné varovanie, Použitá aplikácia a/alebo virtuálne centra riadenia počas KS, Použitý online systém na evidenciu, mapovanie nebezpečenstiev a ohrození (škody na životnom prostredí, záťaž, zdravotné problémy životného prostredia (kvalita ovzdušia a vody)</p>	<p>Verejná komunikácia , Online a ďalšie mediálne kampane, Aktívne vzdelávanie online, Aktívne vzdelávanie v triede, Práca s multiplikátormi (regionálne a obecné úrady, osoby, ktoré reagujú ako prvé), Medzisektorová komunikácia , monitoring mainstreamových médií a následné odmytizationie nimi predkladaných "právd"</p>
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19	Hrozby a katastrofy súvisiace s prírodnými hrozbami, Nedostatok základných zdrojov potravy a vody, Narušenie infraštruktúry (vrátane nedostatku alebo prístupu k službám a základným potrebám občanov)	V prípade mimoriadnych udalostí chýba dostatok spoľahlivých informácií	Poruchy inžinierskych sietí (voda, elektrina, plyn, benzín, atď.), Škody na obývaných oblastiach (škody na životnom prostredí, klzké plochy, povodne atď.)	Služby sociálnej a zdravotnej starostlivosti pre zraniteľné skupiny	Zasiahnutí starší ľudia	Zasiahnuté deti a maloleté	Zvýšená chudoba a energetická chudoba	Použité sms služby, Použitá aplikácia a online nástroje na včasné varovanie	Verejné informácie a komunikácia, Práca s multiplikátormi (regionálne a obecné úrady, osoby, ktoré reagujú ako prvé)
20	NRBC ou dans un environnement contaminé NRBC, y compris des agents biologiques, Menaces et catastrophes liées aux menaces naturelles, Menaces liées au changement climatique	L'interconnectivité des systèmes intelligents multiplie l'éventail des catastrophes, Désordre causé par les activités de développement dans les zones urbaines et les aires naturelles protégées, Manque d'informations fiables nécessaires en cas d'urgence	Sécurité alimentaire et accès aux troubles de l'eau potable, Trouble des services publics (eau, électricité, gaz, essence, etc.), Trouble de la zone des résidents (dommages environnementaux, glissements, inondations, etc.)	Vie scolaire	Personnes âgées affectées, Personnes âgées affectées vivant seules dans des régions éloignées, Personnes affectées ayant un handicap physique	Enfants affectés, Personnes âgées affectées vivant seules dans des régions éloignées	Accès réduit aux activités génératrices de revenus, Dépendance accrue aux allocations de chômage et à l'aide humanitaire, l'aide matérielle	Online application and tools used for early warning, Online reporting system used to map hazards and threats (environmental damage, burdens, environmental health issues (air and water quality)	Information et communication publiques, Apprentissage actif en classe



21	<p>Minacce e disastri legati a minacce naturali, Interruzione dell'ordine sociale e pubblico (eventi pubblici, eventi dirompenti e/o pericolosi in spazi pubblici e/o nel mondo online), Interruzione delle infrastrutture (compresa la carenza o l'accesso ai servizi e ai bisogni fondamentali dei cittadini), Minacce ibride</p>	<p>Interconnettività dei sistemi intelligenti che moltiplica la gamma di disastri, Mancanza di informazioni strutturate</p>	<p>Disfunzioni nella sicurezza alimentare e accesso all'acqua potabile, Disfunzioni dei servizi di pubblica utilità (acqua, elettricità, gas, benzina, ecc.), Disfunzioni del trasporto urbano, Disfunzioni del trasporto pubblico (autobus interregionali, treni, ecc. Mezzi di comunicazione)</p>	<p>Vita scolastica, Servizi sociali e sanitari per gruppi vulnerabili, Restrizioni sulla vita culturale e le tradizioni, Reti di contatti sociali ed economici interessati</p>	<p>Persone malate e persone con problemi di sviluppo, Persone anziane colpite, Persone anziane colpite che vivono sole in regioni remote, Persone colpite con disabilità fisiche, Persone colpite in ospedali, centri di assistenza sociale</p>	<p>Persone anziane colpite che vivono sole in regioni remote, Gruppi poveri ed esclusi socialmente colpiti (migranti, madri sole, persone senza lavoro, ecc.)</p>	<p>Aumento della povertà e povertà energetica, Accesso ridotto alle attività generatrici di reddito, Maggiore dipendenza dalle indennità di disoccupazione e dagli aiuti materiali o umanitari</p>	<p>Servizi di sms utilizzati, App utilizzata per la gestione dei volontari, App e strumenti online utilizzati per il preallarme</p>	<p>Simulazioni, Apprendimento attivo online, Lavorare con enti moltiplicatori (uffici regionali e comunali, primi soccorritori)</p>
22	<p>Hrozby a katastrofy související s přírodními hrozbami, Hrozby v důsledku změny klimatu, Nedostatek základních zdrojů potravy a vody</p>	<p>Propojenost inteligentních systémů znásobující rozsah katastrofy, V případě mimořádných událostí chybí dostatek spolehlivých informací</p>	<p>Obtíže s potravinovou bezpečností a v přístupu k pitné vodě, Poruchy inženýrských sítí (voda, elektřina, plyn, benzín, atd.), Škody na obydlených oblastech (škody na životním prostředí, vodních tocích, atd.)</p>	<p>Školní docházka, Služby sociální a zdravotní péče pro ohrožené skupiny</p>	<p>Nemocné osoby a lidé s vývojovými problémy, Zasažení starší lidé, Zasažené osoby s tělesným postižením</p>	<p>Postižené děti a nezletilé</p>	<p>Snížený přístup k činnostem generujícím příjem, Zvýšená závislost na dávkách v nezaměstnanosti a humanitární pomoci, Zvýšená platební neschopnost</p>	<p>Využití SMS služby, Použitá aplikace na řízení a koordinaci dobrovolníků, Použitá aplikace a online nástroje na včasné varování, Použitá aplikace a / nebo virtuální centra řízení během krizové situace, Použitý online systém pro evidenci, mapování nebezpečí a ohrožení - škody na životním prostředí,</p>	<p>Veřejné informace a komunikační kanály, Simulace, Kontaktní vzdělávání (ve třídě), Práce s multiplikátory (regionální a obecní úřady, osoby, které reagují jako první)</p>



								(kvalita ovzduší a vody)	
23	<p>Hrozby a katastrofy související s přírodními hrozbami, Rizika pro životní prostředí, Narušení společenského a veřejného pořádku (veřejné události, rušivé a / nebo nebezpečné události na veřejných prostranstvích a / nebo v online světě), Narušení infrastruktury (včetně nedostatku nebo přístupu ke službám a základním potřebám občanů)</p>	<p>Poruchy způsobené rozvojovými aktivitami v městských oblastech a přírodních chráněných územích</p>	<p>Obtíže s potravinovou bezpečností a v přístupu k pitné vodě, Poruchy inženýrských sítí (voda, elektřina, plyn, benzín, atd.), Poruchy veřejné dopravy (meziregionální autobusy, vlaky atd. komunikační prostředky)</p>	<p>Služby sociální a zdravotní péče pro ohrožené skupiny, Ovlivněny zvyky komunity</p>	<p>Zasažení starší lidé, Zasažení starší lidé žijící osaměle v odlehlých regionech, Zasažené osoby s tělesným postižením</p>	<p>Ovlivněny chudé a sociálně vyloučené skupiny (migranti, osamělé matky, nezaměstnaní atd.), Zasažení starší lidé žijící osaměle v odlehlých regionech</p>	<p>Zvýšená závislost na dávkách v nezaměstnanosti a humanitární pomoci, Zvýšená platební neschopnost</p>	<p>Využití SMS služby, Použitý online systém pro evidenci, mapování nebezpečí a ohrožení - škody na životním prostředí, (kvalita ovzduší a vody)</p>	<p>Veřejné informace a komunikační kanály, Webináře: vzdělávací aktivity, Simulace, Kontaktní vzdělávání (ve třídě)</p>



24	<p>CBRN nebo v CBRN kontaminovaném prostředí včetně biologických látek, Hrozby a katastrofy související s přírodními hrozbami, Hrozby v důsledku změny klimatu, Nedostatek základních zdrojů potravy a vody, Rizika pro životní prostředí, Narušení společenského a veřejného pořádku (veřejné události, rušivé a / nebo nebezpečné události na veřejných prostranstvích a / nebo v online světě), Narušení infrastruktury (včetně nedostatku nebo přístupu ke službám a základním potřebám občanů), Hybridní hrozby</p>	<p>Propojenost inteligentních systémů znásobující rozsah katastrofy, Poruchy způsobené rozvojovými aktivitami v městských oblastech a přírodních chráněných územích</p>	<p>Poruchy inženýrských sítí (voda, elektřina, plyn, benzín, atd.), Poruchy příměstské dopravy</p>	<p>Služby sociální a zdravotní péče pro ohrožené skupiny, Kulturní a tradiční omezení, Ovlivněny zvyky komunity, Ovlivněny komunitní vazby vyvolávající sociální a ekonomické kontakty.</p>	<p>Nemocné osoby a lidé s vývojovými problémy, Zasažení starší lidé, Zasažení staří lidé žijící osaměle v odlehlých regionech, Zasažené osoby s tělesným postižením, Zasažené osoby v nemocnicích, centrech sociální péče</p>	<p>Postižené děti a nezletilé, Ovlivněny chudé a sociálně vyloučené skupiny (migranti, osamělé matky, nezaměstnaní atd.), Ovlivněny chudé a sociálně vyloučené skupiny (migranti, osamělé matky, nezaměstnaní atd.)</p>	<p>Zvýšená chudoba a energetická chudoba, Zvýšená závislost na dávkách v nezaměstnanosti a humanitární pomoci, Zvýšená platební neschopnost, Zvýšené osobní bankroty</p>	<p>Použitá aplikace na řízení a koordinaci dobrovolníků, Použitá aplikace a online nástroje na včasné varování, Použitá aplikace a / nebo virtuální centra řízení během krizové situace, Použitý online systém pro evidenci, mapování nebezpečí a ohrožení - škody na životním prostředí, (kvalita ovzduší a vody)</p>	<p>Online a další mediální kampaně, Aktivní vzdělávání online, Práce s multiplikátory (regionální a obecní úřady, osoby, které reagují jako první), Meziřesortní komunikace</p>
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25	<p>CBRN nebo v CBRN kontaminovaném prostředí včetně biologických látek, Hrozby a katastrofy související s přírodními hrozbami, Nedostatek základních zdrojů potravy a vody, Rizika pro životní prostředí, Narušení společenského a veřejného pořádku (veřejné události, rušivé a / nebo nebezpečné události na veřejných prostranstvích a / nebo v online světě), Narušení infrastruktury (včetně nedostatku nebo přístupu ke službám a základním potřebám občanů), Hybridní hrozby</p>	<p>Propojenost inteligentních systémů znásobující rozsah katastrofy, V případě mimořádných událostí chybí dostatek spolehlivých informací</p>	<p>Obtíže s potravinovou bezpečností a v přístupu k pitné vodě, Poruchy inženýrských sítí (voda, elektřina, plyn, benzín, atd.), Poruchy příměstské dopravy, Poruchy veřejné dopravy (meziregionální autobusy, vlaky atd. komunikační prostředky), Škody na obydlených oblastech (škody na životním prostředí, vodních tocích, atd.)</p>	<p>Školní docházka, Služby sociální a zdravotní péče pro ohrožené skupiny, Kulturní a tradiční omezení, Ovlivněny rodinné hodnoty, Ovlivněny zvyky komunity, Ovlivněny komunitní vazby vyvolávající sociální a ekonomické kontakty.</p>	<p>Nemocné osoby a lidé s vývojovými problémy, Zasažení starší lidé, Zasažení staří lidé žijící osaměle v odlehlých regionech, Zasažené osoby s tělesným postižením, Zasažené osoby v nemocnicích, centrech sociální péče</p>	<p>Postižené děti a nezletilé, Ovlivněny chudé a sociálně vyloučené skupiny (migranti, osamělé matky, nezaměstnaní atd.)</p>	<p>Snížený přístup k činnostem generujícím příjem, Zvýšená závislost na dávkách v nezaměstnanosti a humanitární pomoci, Zvýšená platební neschopnost, Zvýšené osobní bankroty</p>	<p>Využití SMS služby, Použitá aplikace a online nástroje na včasné varování, Použitá aplikace a / nebo virtuální centra řízení během krizové situace, Použitý online systém pro evidenci, mapování nebezpečí a ohrožení - škody na životním prostředí, (kvalita ovzduší a vody)</p>	<p>Veřejné informace a komunikační kanály, Online a další mediální kampaně, Webináře: vzdělávací aktivity, Simulace, Aktivní vzdělávání online, Kontaktní vzdělávání (ve třídě), Meziresortní komunikace</p>
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26	<p>CBRN nebo v CBRN kontaminovaném prostředí včetně biologických látek, Rizika pro životní prostředí, Narušení společenského a veřejného pořádku (veřejné události, rušivé a / nebo nebezpečné události na veřejných prostranstvích a / nebo v online světě), Narušení infrastruktury (včetně nedostatku nebo přístupu ke službám a základním potřebám občanů)</p>	<p>Propojenost inteligentních systémů znásobující rozsah katastrofy</p>	<p>Obtíže s potravinovou bezpečností a v přístupu k pitné vodě, Poruchy veřejné dopravy (meziregionální autobusy, vlaky atd. komunikační prostředky), Škody na obydlených oblastech (škody na životním prostředí, vodních tocích, atd.)</p>	<p>Školní docházka, Služby sociální a zdravotní péče pro ohrožené skupiny, Kulturní a tradiční omezení, Ovlivněny komunitní vazby vyvolávající sociální a ekonomické kontakty.</p>	<p>Nemocné osoby a lidé s vývojovými problémy, Zasažení starší lidé, Zasažení staří lidé žijící osaměle v odlehlých regionech, Zasažené osoby s tělesným postižením, Zasažené osoby v nemocnicích, centrech sociální péče</p>	<p>Postižené děti a nezletilé, Ovlivněny chudé a sociálně vyloučené skupiny (migranti, osamělé matky, nezaměstnaní atd.), Zasažení staří lidé žijící osaměle v odlehlých regionech, Zasažení staří lidé žijící osaměle v odlehlých regionech</p>	<p>Zvýšená závislost na dávkách v nezaměstnanosti a humanitární pomoci, Zvýšená platební neschopnost</p>	<p>Využití SMS služby, Použitá aplikace na řízení a koordinaci dobrovolníků, Použitý online systém pro evidenci, mapování nebezpečí a ohrožení - škody na životním prostředí, (kvalita ovzduší a vody)</p>	<p>Veřejné informace a komunikační kanály, Online a další mediální kampaně, Webináře: vzdělávací aktivity</p>
27	<p>Hrozby a katastrofy související s přírodními hrozbami, Nedostatek základních zdrojů potravy a vody, Narušení infrastruktury (včetně nedostatku nebo přístupu ke službám a</p>	<p>Propojenost inteligentních systémů znásobující rozsah katastrofy</p>	<p>Obtíže s potravinovou bezpečností a v přístupu k pitné vodě, Poruchy inženýrských sítí (voda, elektřina, plyn, benzín, atd.), Škody na obydlených oblastech (škody na životním prostředí, vodních tocích, atd.)</p>	<p>Služby sociální a zdravotní péče pro ohrožené skupiny</p>	<p>Zasažení starší lidé, Zasažené osoby v nemocnicích, centrech sociální péče</p>	<p>Postižené děti a nezletilé, Zasažení staří lidé žijící osaměle v odlehlých regionech. Ovlivněny chudé a sociálně vyloučené skupiny (migranti, osamělé matky, nezaměstnaní atd.)</p>	<p>Zvýšená chudoba a energetická chudoba, Zvýšená platební neschopnost</p>	<p>Použitá aplikace na řízení a koordinaci dobrovolníků, Použitá aplikace a online nástroje na včasné varování, Použitý online systém pro evidenci, mapování nebezpečí a ohrožení - škody na životním prostředí, (kvalita ovzduší a vody)</p>	<p>Veřejné informace a komunikační kanály, Online a další mediální kampaně, Webináře: vzdělávací aktivity, Simulace</p>

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	základním potřebám občanů)								
28	Hrozby a katastrofy související s přírodními hrozbami, Rizika pro životní prostředí, Narušení společenského a veřejného pořádku (veřejné události, rušivé a / nebo nebezpečné události na veřejných prostranstvích a / nebo v online světě), Narušení infrastruktury (včetně nedostatku nebo přístupu ke službám a základním potřebám občanů)	Propojenost inteligentních systémů znásobující rozsah katastrofy, Nedostatek strukturovaných informací	Poruchy inženýrských sítí (voda, elektřina, plyn, benzín, atd.)	Školní docházka, Ovlivněny zvyky komunity	Zasažené osoby s tělesným postižením		Zvýšená závislost na dávkách v nezaměstnanosti a humanitární pomoci, Zvýšená platební neschopnost	Využití SMS služby, Použitá aplikace a online nástroje na včasné varování	Veřejné informace a komunikační kanály, Kontaktní vzdělávání (ve třídě), Meziresortní komunikace



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29	Hrozby a katastrofy související s přírodními hrozbami, Narušení infrastruktury (včetně nedostatku nebo přístupu ke službám a základním potřebám občanů)	V případě mimořádných událostí chybí dostatek spolehlivých informací	Obtíže s potravinovou bezpečností a v přístupu k pitné vodě, Poruchy inženýrských sítí (voda, elektřina, plyn, benzín, atd.)	Služby sociální a zdravotní péče pro ohrožené skupiny, Ovlivněny komunitní vazby vyvolávající sociální a ekonomické kontakty.	Nemocné osoby a lidé s vývojovými problémy, Zasažení starší lidé, Zasažení starší lidé žijící osaměle v odlehlých regionech, Zasažené osoby s tělesným postižením, Zasažené osoby v nemocnicích, centrech sociální péče	Zasažení staří lidé žijící osaměle v odlehlých regionech, Ovlivněny chudé a sociálně vyloučené skupiny (migranti, osamělé matky, nezaměstnaní atd.), Postižené děti a nezletilé	Zvýšená závislost na dávkách v nezaměstnanosti a humanitární pomoci, Zvýšená platební neschopnost	Využití SMS služby, Použitá aplikace a online nástroje na včasné varování, Použitá aplikace a / nebo virtuální centra řízení během krizové situace	Veřejné informace a komunikační kanály, Simulace, Aktivní vzdělávání online
30	Hrozby a katastrofy související s přírodními hrozbami, Narušení infrastruktury (včetně nedostatku nebo přístupu ke službám a základním potřebám občanů)	Nedostatek strukturovaných informací	Poruchy inženýrských sítí (voda, elektřina, plyn, benzín, atd.)	Služby sociální a zdravotní péče pro ohrožené skupiny	Nemocné osoby a lidé s vývojovými problémy, Zasažení starší lidé, Zasažení starší lidé žijící osaměle v odlehlých regionech, Zasažené osoby s tělesným postižením		Zvýšená závislost na dávkách v nezaměstnanosti a humanitární pomoci, Zvýšená platební neschopnost, Zvýšené osobní bankroty	Použitá aplikace na řízení a koordinaci dobrovolníků, Použitá aplikace a online nástroje na včasné varování	Veřejné informace a komunikační kanály, Práce s multiplikátory (regionální a obecní úřady, osoby, které reagují jako první), Meziřesortní komunikace
31	Minacce e disastri legati a minacce naturali, Interruzione dell'ordine sociale e pubblico (eventi pubblici, eventi dirompenti e/o pericolosi in spazi pubblici e/o	Interconnettività dei sistemi intelligenti che moltiplica la gamma di disastri, Mancanza di informazioni strutturate	Disfunzioni nella sicurezza alimentare e accesso all'acqua potabile, Disfunzioni dei servizi di pubblica utilità (acqua, elettricità, gas, benzina, ecc.), Disfunzioni del	Vita scolastica, Servizi sociali e sanitari per gruppi vulnerabili, Restrizioni sulla vita culturale e le tradizioni, Reti di contatti sociali ed economici interessati	Persone malate e persone con problemi di sviluppo, Persone anziane colpite, Persone anziane colpite che vivono sole in regioni remote, Persone colpite con disabilità fisiche,	Persone anziane colpite che vivono sole in regioni remote, Gruppi poveri ed esclusi socialmente colpiti (migranti, madri sole, persone senza lavoro, ecc.)	Aumento della povertà e povertà energetica, Accesso ridotto alle attività generatrici di reddito, Maggiore dipendenza dalle indennità di disoccupazione e dagli aiuti materiali o umanitari	SMS services used, App used for the management of volunteers, App and online tools used for early warning	Simulations, Active online learning, Working with multiplier bodies (regional and municipal offices, first responders)



	nel mondo online), Interruzione delle infrastrutture (compresa la carenza o l'accesso ai servizi e ai bisogni fondamentali dei cittadini), Minacce ibride		trasporto urbano, Disfunzioni del trasporto pubblico (autobus interregionali, treni, ecc. Mezzi di comunicazione)		Persone colpite in ospedali, centri di assistenza sociale				
32	Minacce e disastri legati a minacce naturali	Disordine causato dalle attività di sviluppo nelle aree urbane e nelle aree naturali protette	Disfunzioni nelle aree residenziali (danni ambientali, scivoli, inondazioni, ecc.)	Vita scolastica, Abitudini delle comunità interessate	Persone malate e persone con problemi di sviluppo	Gruppi poveri ed esclusi socialmente colpiti (migranti, madri sole, persone senza lavoro, ecc.)	Maggiore dipendenza dalle indennità di disoccupazione e dagli aiuti materiali o umanitari		Informazione e comunicazione pubblica
33	Minacce e disastri legati a minacce naturali, Minacce connesse al cambiamento climatico, Pericoli per l'ambiente, Interruzione delle infrastrutture (compresa la carenza o l'accesso ai servizi e ai bisogni fondamentali dei cittadini)	Interconnettività dei sistemi intelligenti che moltiplica la gamma di disastri, Mancanza di informazioni strutturate, Mancanza di informazioni affidabili necessarie in caso di eventi di emergenza	Disfunzioni dei servizi di pubblica utilità (acqua, elettricità, gas, benzina, ecc.), Disfunzioni del trasporto urbano, Disfunzioni nelle aree residenziali (danni ambientali, scivoli, inondazioni, ecc.)	Vita scolastica, Restrizioni sulla vita culturale e le tradizioni, Reti di contatti sociali ed economici interessati	Persone anziane colpite, Persone colpite con disabilità fisiche, Persone colpite in ospedali, centri di assistenza sociale	Bambini affetti, Gruppi poveri ed esclusi socialmente colpiti (migranti, madri sole, persone senza lavoro, ecc.)	Aumento della povertà e povertà energetica, Accesso ridotto alle attività generatrici di reddito, Maggiore dipendenza dalle indennità di disoccupazione e dagli aiuti materiali o umanitari, Aumento dell'insolvenza delle PMI, Aumento dei fallimenti personali	App used for the management of volunteers, App and online tools used for early warning, Online reporting system used for the mapping of dangers and threats (environmental damage, burdens, environmental health problems (air and water quality)	Public information and communication, Web-based training activities, Simulations, Active learning in the classroom



34	<p>Ameazas e desastres relacionados con ameazas naturais;QBRN (ameazas químicas, biolóxicas, de radiación e nucleares) ou en ambientes contaminados QBRN, incluídos axentes biolóxicos;</p>	<p>Falta de información fiable necesaria en eventos de emerxencia</p>	<p>Os suministros públicos (auga, luz, gas, gasolina, etc.);</p>	<p>As restricións de cultura e tradicións;</p>	<p>Persoas maiores</p>	<p>Pobres e colectivos socialmente excluídos (migrantes, mulleres solteiras, desempregados, etc.)</p>	<p>Maior dependencia das prestacións por desemprego e da axuda humanitaria</p>	<p>Or use of applications and ferramentas in line for early warning;</p>	<p>Public information and communication; Online training activities; Drills; Work with multipliers (regional and municipal offices, first intervention teams);</p>
35	<p>Ameazas e desastres relacionados con ameazas naturais;Perigos ambientais;Perturbación da orde social e pública (eventos públicos, eventos disruptivos e/ou perigosos en espazos públicos, e/ou on-line;</p>	<p>Falta de información fiable necesaria en eventos de emerxencia</p>	<p>Seguridade alimentaria e problemas de acceso ó auga potable;Os suministros públicos (auga, luz, gas, gasolina, etc.);</p>	<p>Os servizos sociais e de saúde, para grupos vulnerables;</p>	<p>Persoas maiores</p>	<p>Pobres e colectivos socialmente excluídos (migrantes, mulleres solteiras, desempregados, etc.)</p>	<p>Aumento da pobreza. Aumento da pobreza enerxética</p>	<p>Or use of applications and online fermentation for early warning; Or use of applications and virtual emergency management centers;</p>	<p>Public information and communication; Online campaigns and other media; Drills; Work with multipliers (regional and municipal offices, first intervention teams); Intersectoral communication; Online training activities; Active learning online; Active</p>



									learning not classroom;
36	Ameazas e desastres relacionados con ameazas naturais; Ameazas híbridas e combinadas; QBRN (ameazas químicas, biolóxicas, de radiación e nucleares) ou en ambientes contaminados QBRN, incluídos axentes biolóxicos;	Interconectividade de sistemas intelixentes que multiplica o abano de desastres	Os suministros públicos (auga, luz, gas, gasolina, etc.); Seguridade alimentaria e problemas de acceso ó auga potable;	Os servizos sociais e de saúde, para grupos vulnerables;	Anciáns que viven sos en rexións remotas	Pobres e colectivos socialmente excluídos (migrantes, madres solteiras, desempregados, etc.)	Aumento de quebras persoais	<p>Use of online reporting systems that allow mapping hazards and hazards (environmental damage, spills, environmental health problems: air and water quality);</p> <p>Use of online applications and ferramentas for early warning;</p>	<p>Public information and communication; Active learning online; Active learning not classroom;</p>
37	Ameazas e desastres relacionados con ameazas naturais; Falta de fontes básicas de alimento e auga; Perturbación da orde social e pública (eventos públicos, eventos disruptivos e/ou perigosos en	Falta de información fiable necesaria en eventos de emerxencia	Seguridade alimentaria e problemas de acceso ó auga potable; As áreas residenciais (danos ambientais, corrimento de terras, inundacións, etc.);	Os servizos sociais e de saúde, para grupos vulnerables; Os hábitos comunitarios;	Persoas en hospitais, centros de atención social	Pobres e colectivos socialmente excluídos (migrantes, madres solteiras, desempregados, etc.)	Maior dependencia das prestacións por desemprego e da axuda humanitaria	<p>Use of volunteer management applications; Use of virtual emergency management applications and centers;</p>	<p>Public information and communication; Active learning online; Online training activities;</p>



	espazos públicos, e/ou on-line;								
38	Ameazas e desastres relacionados con ameazas naturais; Perturbación da orde social e pública (eventos públicos, eventos disruptivos e/ou perigosos en espazos públicos, e/ou on-line;	Interconectividade de sistemas intelixentes que multiplica o abano de desastres	Seguridade alimentaria e problemas de acceso ó auga potable; Os suministros públicos (auga, luz, gas, gasolina, etc.);	A vida escolar; Os servizos sociais e de saúde, para grupos vulnerables;	Persoas maiores	Pobres e colectivos socialmente excluídos (migrantes, madres solteiras, desempregados, etc.)	Aumento da pobreza. Aumento da pobreza enerxética	O use of SMS services; O use of applications and online fermentation for early warning; O use of online reporting systems that allow mapping hazards and hazards (environmental damage, spillage, environmental health problems: air and water quality);	Active learning online, Public information and communication, Online campaigns and other media;



5.3. Questionnaire results

Part I: Experience and practices with disaster management and risk reduction.

- 1) Have you ever participated (i) actively or (ii) passively in a response/rescue operation or evacuation of many people?

YES:24

NO:24

- 2) Could you explain the practical experience in your organisation about threats shortly? (multiple-choice)

Type of threat/hazard/risk	12
Type of action (prevention, preparedness, reaction and recovery)	21
Type of activity (strategic planning, awareness, community activities, intervention, training, analysis, planning, policy development)	35
Type of groups (vulnerable groups, general population, professional actors, etc.)	13

- 3) Identify 3-5 combined threats or /and cascading effects disasters/emerging situations and/or multiple hazards caused by the same natural event/threats that your organisation has dealt with in the past ten years (multiple-choice):

Health threats and natural disasters	26
Natural disasters and critical infrastructure	31
Social disorder (mass evacuation) and biological threats	6
The natural event causing biological and health emergency	14
Technological hazard causing biological threat and social/economic disorder	6
Public disorder(terrorism, extremism actions) amid a pandemic situation	8
Hybrid threat on critical/financial, data and physical infrastructure amid natural disasters	7
Other.....	Other., Natural disaster (fire) causing biological threat and social / economic disorder

- 4) Name the agents that are, in your opinion, the most important in combined hazards, causing effect threats of multiple-hazards(multiple-choice):



Natural phenomenon agent	28
Social behaviour agent(health, mobility)	17
Smartening of societal systems	10
CBRN agent	10
Cyber agent	15
Espionage and organisational intelligence	3
	<i>Rescue services, Distribution system operator (DSO)</i>

5) Identify hybrid threats to the stability of the communities and regions/states – the list of possibilities – (multiple-choice):

Espionage (organisational or individual)	7
Cyberattack	21
Information control and overtake	16
Fake news and social media	26

6) What is the dominant component of the effectiveness in threat/disaster response mechanisms (multiple-choice):

Availability of emergency response system	30
Preparedness of the public	23
Strategic coordination on the community level	19
Responsiveness of the civilians	10
Technological equipment and material in place	11

Part II – A: Mitigation practices

7) Identify community practices in mitigating new threats (give examples maybe through threatened objects, or public spaces, forest, land-related to the scarcity of sources and economic/social stability)

Threatened public infrastructure and natural hazards	24
CBRN and natural hazards	11
Pandemia and public disorder	13
Pandemia and natural disaster	19
Drought and epidemia	14



Smart systems and cyber attack	13
Landslides and public infrastructure	9
Earthquake and tourism	5
	Involving citizens as first responders

- 8) **What is the dominant component of the effectiveness in managing risks and /or small- and large-scale disaster event in your prevention, preparedness and response and relief mechanisms (multiple-choice):**

Communication with relevant actors	20
Planning and cooperation with all activities in a participatory manner	20
Analyses and prognosis	15
Training and table-top-exercises	19
Awareness and information for the general public and endangered objects	17
Work with media and information multipliers	7
Cooperation with owners of hazard objects or endangered community owner of infrastructure/objects/service providers	14
Prevention measures of structural and non-structural investments	7
Risk mitigation measures, including seconded legislation	13
Preparedness activities aimed at technological development(use IoT, smart systems, AI, simulations, VR, online communication, integrated emergency response systems, digital or traditional early warning systems, etc. define)	13

- 9) **Select the organisational cases of practices in risk assessment and preparedness (multiple-choice):**

CBRN or in CBRN contaminated environment including biological agents	13
Threats and disasters related to natural hazards	30
Climate change threats	6
Lack of basic sources of food and water	10
Environmental hazards	12
Social and public order disruption (public events, disruptive and/or dangerous events in public spaces and/or in the online world)	16



Infrastructure disruption(including shortage or access to services and basic needs of citizens)	12
Hybrid threats	11

Part II – B: Mapping how societal behaviour impacts the effect of the threats/hazards as listed in question No. 9 (please draft examples)

10) How technological development, transportation of goods and movement of persons impact the disaster/hazard spread concerning the condition and site organisation you are responsible for regarding vulnerability to adverse events?

Smart systems interconnectivity multiplying the range of disaster	20
A disorder caused by development activities in urban areas and natural protected areas	8
Lack of structured information	11
Lack of reliable information needy in emergency events	18
	Some how I would like to search also economical and financial effects on community and lack on resources in state level

11) The vulnerability of systems. How are the basic citizens' infrastructure services affected?

Food security and access to drinkable water disorder	22
Utility services disorder(water, electricity, gas, gasoline, etc.)	29
Urban city transport disorder	4
Public transport disorder(inter-regional bus, train, etc. means of communication)	11
Residents' area disorder(environmental damages, slides, floods, etc.)	16

12) The vulnerability of communities. How is the basic community life affected?

<input type="checkbox"/> School life	16
<input type="checkbox"/> Social and health care services to vulnerable groups	29
<input type="checkbox"/> Cultural and traditions' restrictions	10
<input type="checkbox"/> Family values affected	5
<input type="checkbox"/> Affected community habits	10



	Gender perspective?
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13) Health vulnerability. What is the share of the ill and ageing population?

<input type="checkbox"/> Affected ill persons and people with developmental problems	15
<input type="checkbox"/> Affected elder people	20
<input type="checkbox"/> Affected elder persons living alone in remote regions	18
<input type="checkbox"/> Affected persons with physical disabilities	20
<input type="checkbox"/> Affected persons in hospitals, social care centres	15

14) Social vulnerability. What is the share of social disparities, vulnerable groups of drug inject users, poor persons, ethnic persons, asylum seekers, jobless persons, etc.?

<input type="checkbox"/> Affected children	18
<input type="checkbox"/> Affected elder persons living alone in remote regions	20
<input type="checkbox"/> Affected poor and socially excluded groups(migrants, alone mothers, jobless persons, etc.)	27

15) Financial vulnerability (dependence of the financial system on the disruption of any of the elements providing sources to the system, income, economic sector disruption, bankruptcy, insolvency...)

<input type="checkbox"/> Increased poverty, and energy poverty	18
<input type="checkbox"/> Reduced access to income-generation activities	19
<input type="checkbox"/> Increased dependence on unemployment benefits and humanitarian material aid	28
<input type="checkbox"/> Increased SME insolvency	8
<input type="checkbox"/> Increased personal bankruptcies	17

Part III: New achievements cause technological advancement in hybrid warfare tools too.

.....
.....

16) Communication on wider threats. Communication tools and app (Engagement and participation of the civil society is crucial for the success of the community)



<input type="checkbox"/> Used SMS services	19
<input type="checkbox"/> A used app for management of volunteers	14
<input type="checkbox"/> A used app and online tools for early warning	24
<input type="checkbox"/> A used app and virtual emergency centre management	8
<input type="checkbox"/> A used online reporting system for mapping hazards and threats (environmental damages, burdens, environmental health issues (air and water quality))	18

17) Any capacity-building efforts or awareness forms used in prevention, preparedness, early warning, disaster management and recovery

<input type="checkbox"/> Public information and communication	28
<input type="checkbox"/> Online and other media campaigns	13
<input type="checkbox"/> Web-based training activities (webinars)	9
<input type="checkbox"/> Simulations	12
<input type="checkbox"/> Active learning online	12
<input type="checkbox"/> Active classroom learning	12
<input type="checkbox"/> Work with multipliers (regional and municipal offices, first responders)	16
<input type="checkbox"/> Inter-sectoral communication	11
<input type="checkbox"/> Other.....	Option other is lacking in many questions, but it didn't disturb me, because those options were very wide and diverse Medzisektorová komunikácia, monitoring mainstreamových médií a následné odmýtzovanie nimi predkladaných "právd"



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