Participants registering to the Partner Search Forum are kindly requested to fill in the following project idea form, to introduce themselves and share with potential project partners their willingness to cooperate under the Hungary-Slovakia-Romania-Ukraine Cross-border Cooperation Programme.

What is your project idea?	
Which programme priority are you interested in? (Please, leave one priority of your choice. The rest can be deleted)	• Support to joint activities for the prevention of natural and man-made disasters as well as joint action during emergency situations
Title of your project idea	Project idea 2 (to be determined)
Objectives of your project idea (What does the project aim to achieve or contribute to in the short and long-term?)	**Main objective** : to create a joint monitoring system of modern exogenous and man-made phenomena in order to warn stakeholders about occurrence of natural and man-made disasters.
Expected results (What will be the positive changes as a result of the project and which programme level indicators?)	Creation of effective monitoring system of the current exogenous and man-made phenomena at former deposits of minerals (environmental re-naturalization of the areas of Solotvyno village and its salt mines, Miskolc mines, etc.).
Target groups/final beneficiaries (Who will be positively affected by the change? Who will benefit as a result of The project?)	Local authorities,local communities

TESIM – Technical Support to the Implementation and Management of ENI CBC programmes

Implemented by a consortium led by   A project funded by the European Union   1

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Min planned activities (networking, pilot test, etc.?)	1. Gathering, storing and processing information about the conditions of development the natural and man-made disasters, analysis and preparation of data on the possibility of emergency situations (due to karst-suffosion processes and phenomena the stability of the geological environment decreases, leading catastrophic subsidences. The increased risk of emergencies is caused by activation of karst processes, typical of urban areas affected man-made flooding.) The database of natural and man-made disasters will be created. 2. Creation of a modern cartographic basis and a complex of mathematical models for carrying out of protective measures and increase their efficiency. (Creation of a topographic plan with a scale of 1: 1000 with a contour interval of 0.5 m by photogrammetry and GPS measurements). 3. Carrying out engineering, hydro-geological, geophysical and mapping studies of areas with karsts and subsidences (in order to determine the rate of development of karst occurrence, geodetic surveying should be done half-yearly). 4. Conducting geodetic and geophysical studies using laser scanning technology, GIS and mathematical modeling with purpose of real time evaluation of mines, development of the monitoring systems of geological environment (creating 3D model of karst occurrence, works of evaluation of salt karsts give an opportunity to detect active dangerous geological or man-made processes even before their beginning). 5. Creation of joint programs of prevention of subsidence and landslide processes development in cross-border area and movement saline groundwater in the valley of Tisza River (creation of risk maps with monitoring results that will enable to timely develop measures aimed at localization of dangerous phenomena and preventing their progressing negative development.). 6. Joint measures for forecasting and informing central and local executive authorities in the field of emergencies. 7. Joint development programs for coordinated action by central authorities in the field of environmental protection and emergency, regional and local authorities for stabilizing and further improving environmental situation (it will make it possible to plan the development of the area outside zones of risk in accordance with the master plan. Both territorial communities and bodies of urban development, environmental and emergency services need such studies). 8. Conducting joint educational programs and workshops on joint activities between emergency services, authorities and local communities to prevent natural and man-made disasters, as well as joint measures in emergencies.

Who are you?

Name of your organisation	TECHNICAL UNIVERSITY OF CLUJ NAPOCA
Country	ROMANIA
Type of organisation	HIGHER EDUCATION
Experience in cross-border or international cooperation	YES
Contact person (name, telephone, email)	+4 0264 401 200
Contact person at the Partner Forum (name, telephone, email)	PhD LECTURER VIRGIL MIHAI RADULESCU +40741228385 Mihai.radulescu@mtc.utcluj.ro

particip

Which partner(s) are you looking for?		Wh
Country	HU,SK,RO,UA	
Type of organisation	-	
Specific knowledge/ experience you are looking for	-	
Do you already have some partner(s)?		Do
Country	Pavol Jozef Safarik University in Kosice (Slovakia), Uzhhorod National University (Ukraine), NGO Institute of Development of Carpathian Region (Ukraine).	
Do you agree that your project idea and contact details are published during the event and on the website of the programme? (YES/NO)	*YES*	