

ROUA00430

SWEM

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A - Project identification

A.1 Project identification

Project id (automatically created)	ROUA00430
Name of the lead partner organisation	Виконавчий комітет Івано-Франківської міської ради
Name of the lead partner organisation in English	Executive Committee of Ivano-Frankivsk City Council
Project title	Sustainable Weather Emergency Management
Project acronym	SWEM
Programme priority	Environmental focus across borders
Specific objective	1.1: Promoting climate change adaptation and disaster risk prevention, resilience, taking into account eco-system based approaches
Project duration in months	24

A.2 Project summary

Please give a short overview of the project and describe:

- the common challenge of the programme area you are jointly tackling in your project;
- the overall objective of the project and the expected change your project will make to the current situation;
- the main outputs you will produce and those who will benefit from them;
- the approach you plan to take and why a cross-border approach is needed;
- what is new/original about the project.

Two partner cities, Ivano-Frankivsk (IF) and Baia Mare (BM), are facing common challenges, which are the prevention and elimination of the consequences of weather emergencies, as well as effective and timely response to them, specifically snowstorms and rainstorms. Main issues include changeable weather conditions and heavy precipitations, emergency response and warning of population, limited funding opportunities, and low public awareness on proper methods of snow and ice cleaning. Both Ivano-Frankivsk and Baia Mare require additional funding and resources to effectively mitigate the impact of natural hazards, ensure public safety, and sustain functionality of urban communications and utilities in severe weather conditions.

To deal with the above challenges, the Executive Committee of Ivano-Frankivsk City Council (LP) and the Municipality of Baia Mare (PP) decided to apply for a joint cross-border project. The project's overall objective is to improve weather emergency response in two cities of the cross-border area and extend abilities to eliminate consequences of heavy weather conditions by providing municipalities with specialised equipment and vehicles, studying best practices and sharing experience, training the responsible staff and increasing public awareness.

The main outputs the Sustainable Weather Emergency Management (SWEM) project will produce are deepened cross-border collaboration between the partners and relevant municipal institutions, acquiring an investment in disaster warning and response systems, and holding joint cross-border events to build a strong connection between municipalities and their stakeholders. The beneficiaries of the project outputs and results will be the staff of the municipal enterprise Municipal Road Company in Ivano-Frankivsk and the Public Transport and Civil Protection Service of Baia Mare which will receive new specialised vehicles and equipment; the Executive Committee of IF and Municipality of Baia Mare and other responsible institutions will also benefit from the project due to the improved ability to ensure safety of residents and operability of city utilities. The population of Ivano-Frankivsk and Baia Mare will receive the opportunity to take part in project activities, and purchased vehicles and equipment will ensure people's safety and accessibility, especially for people with disabilities, after unfavourable weather conditions. With the help of equipment, responsible institutions will provide full functioning of main city communications and people's awareness of danger in case of disasters.

The project's objectives can be efficiently reached only by acting on a cross-border level. Thus, Baia Mare, as a city situated in an EU member state, will share its experience of climate change adaptation actions with Ukraine, a future EU Member State. Cross-border cooperation is essential to comprehensively manage existing natural disaster risks, reduce vulnerability, and increase resilience. It is also an integral part of all activities, supported by joint project structures, the sharing of resources, knowledge, and best practices. Cross-border cooperation allows the combination of scientific research, technology, and experience, which will lead to more innovative and effective solutions.

Projects related to response to weather emergencies have never been implemented before in Ivano-Frankivsk and Baia Mare, so the SWEM project will become the first step to improve the sphere of management of consequences of natural disasters. Due to replacement of outdated equipment, an automated alert system will provide more centralised and effective management of warning the population of upcoming dangers, showcasing the best practices in this area. The project activities also involve new approaches to spread awareness among the population of IF and BM on how to deal with snowstorms and innovative solutions to maintain safety on the streets in winter using eco-friendly accessible and affordable resources in the form of an E-Guide to be conveniently used in any environment without using unnecessary paper materials.

The SWEM project will not only benefit the residents of the Ivano-Frankivsk city community and Baia Mare city but also become an example of the successful implementation of a project related to the elimination of consequences of natural disasters and timely weather emergency response. The project will be the first step for Ivano-Frankivsk and Baia Mare to improve their ability to ensure the safety of the population in severe weather conditions.

A.3 Project budget overview

Programme funding			Contribution					Total project budget
Funding source	Funding amount	Co-financing rate (%)	Automatic public contribution	Other public contribution	Total public contribution	Private contribution	Total contribution	
Neighbourhood CBC	1.224.759,32	90,00%	0,00	136.084,38	136.084,38	0,00	136.084,38	1.360.843,70
Total EU funds	1.224.759,32	90,00%	0,00	136.084,38	136.084,38	0,00	136.084,38	1.360.843,70
Total project budget	1.224.759,32	90,00%	0,00	136.084,38	136.084,38	0,00	136.084,38	1.360.843,70

A.4 Project outputs and result overview

Programme Output Indicator	Aggregated value per Programme output indicator	Measurement Unit	Output	Output Title	Output target value	Programme result indicator	Baseline	Result indicator target value	Measurement unit
Investments in new or upgraded disaster monitoring, preparedness, warning and response systems against natural disasters	1.139.190,62	euro	Output 1.2	Investments in disaster warning and response systems	1.139.190,62	Population benefiting from protection measures against climate related natural disasters	0,00	397.043,00	persons
Participations in joint actions across borders	110,00	participations	Output 1.3	Joint cross-border events	110,00	Participations in joint actions across borders after project completion	0,00	60,00	participation.

Programme Output Indicator	Aggregated value per Programme output indicator	Measurement Unit	Output	Output Title	Output target value	Programme result indicator	Baseline	Result indicator target value	Measurement unit
Organisations cooperating across borders	4,00	organisations	Output 1.1	Cross-Border Collaboration	4,00	Organisations cooperating across borders after project completion	0,00	4,00	organisations

B - Project partners

Partners overview

Number	Status	Name of the organisation in english	Country	Organisation abbreviation	Partner role	Associated organisations	Partner total eligible budget
1	Active	Executive Committee of Ivano-Frankivsk City Council	Ukraine (UA)	ECIFCC	LP		721.843,14
2	Active	Baia Mare City Hall/Municipality	România (RO)	UAT MBM	PP		639.000,56

B.1 Lead partner	
Partner number	1
Partner role	LP
Name of the organisation in original language	Виконавчий комітет Івано-Франківської міської ради
Name of the organisation in english	Executive Committee of Ivano-Frankivsk City Council
Organisation abbreviation	ECIFCC
Department / unit / division	
Partner main address	
Country	Ukraine (UA)
NUTS 2	Ivano-Frankivsk Oblast (UA0M)
NUTS 3	Ivano-Frankivsk Oblast (UA0M0)
Street, House number, Postal code, City	Hrushevskoho 21 76004 Ivano-Frankivsk
Homepage	https://www.mvk.if.ua/en/
Address of department / unit / division (if applicable)	
Country	
NUTS 2	
NUTS 3	
Street, House number, Postal code, City	
Legal and financial information	
Type of partner	Local public authority
Legal status	Public
VAT number (if applicable)	04054346
Is your organisation entitled to recover VAT based on national legislation for the activities implemented in the project?	No
PIC (from EC Participant Register)	914014511

Contact	
Legal representative	City Mayor Ruslan Martsinkiv
Contact person	Head of the Department Ihor Popadiuk
Email	project.if.ua@gmail.com
Telephone no.	+380992549484
Motivation	
Which of the organisation's thematic competences and experiences are relevant for the project?	
<p>The Executive Committee of Ivano-Frankivsk City Council has implemented multiple international projects through the years.</p> <p>The Executive Committee strives to ensure the well-being of the city's residents by supporting communal institutions, inter alia municipal enterprises and utility companies, and engaging them in international exchange of experience to learn from foreign colleagues.</p> <p>In order to ensure the well-being of the community's residents, the Executive Committee aims to do everything possible to minimise the effects of adverse weather conditions on the full functioning of all city communications by strengthening disaster management methods, one of which is to increase the number of equipment to cope with the problems caused by snow storms.</p> <p>The Executive Committee also successfully participated in the implementation of a project aimed at developing and supporting innovative cooperation to mitigate climate change in the cross-border region. The Municipal Enterprise Municipal Road Company (MRC) is subordinated to the Executive Committee. MRC is involved in the project implementation process and the equipment purchased within the project will be located on the premises of the enterprise. MRC is tasked with ensuring the proper level and quality of works (services) on the improvement of Ivano-Frankivsk, maintaining the community territory in good condition, sanitising it, and taking other measures aimed at improving the engineering, technical and sanitary condition of the territory, and enhancing its aesthetic appearance.</p>	
If applicable, describe the organisation's experience in participating in and/or managing EU co-financed projects or other international projects.	

Motivation

The Executive Committee of Ivano-Frankivsk City Council has extensive experience in implementing international projects. In particular, Ivano-Frankivsk (IF) participated in the European Union programmes Romania-Ukraine 2014-2020, Hungary-Slovakia-Romania-Ukraine 2014-2020, and Mayors for Economic Growth. Within the framework of these programmes, projects were implemented in the fields of medicine, environment security, culture, and business support. For the past three years, The Executive committee participated in such projects as:

1. Alternative therapies in Maramures and Ivano-Frankivsk (1HARD/4.1/37)

Programme: Joint Operational Programme Romania-Ukraine 2014-2020

Partners: Maramures County (Romania), Executive Committee of Ivano-Frankivsk City Council, General Directorate of Social Assistance, and Child Protection Maramures (Romania).

The project aims to create in IF a center of alternative medicine for children with diseases of the musculoskeletal system and central nervous system.

2. Safe Future (1HARD/4.3/36)

Programme: Joint Operational Programme Romania-Ukraine 2014-2020

Partners: Executive committee of Ivano-Frankivsk City Council, Solotvyno Village Council (Ukraine), Municipality of Baia Mare (Romania), Municipality of Sighetu Marmatiei (Romania)

The project aims to build four data centres in each of the partner cities: Ivano-Frankivsk, Solotvyno, Baia Mare and Sighet to maintain security and law and order in the cities.

3. New economy of Ivano-Frankivsk – support for new innovative clusters of economic activity in Ivano-Frankivsk (NEF)

Programme: Mayors for Economic Growth

Partners: Executive committee of Ivano-Frankivsk City Council, Charitable Organization Promprylad. Renovation, NGO PPV Knowledge Networks, MetaLab, Charitable Organization Teple Misto

The project aims to promote the economic transformation of IF for the functioning of economic activity with higher added value through the use of existing economic clusters and new innovation ecosystems.

4. Development of the innovation ecosystem of Ivano-Frankivsk

Programme: Support Programme for Regional Policy of Ukraine

Partners: Executive committee of Ivano-Frankivsk City Council, Charitable Organization Promprylad, Charitable Foundation Teple Misto, LLC PPV Knowledge Networks.

The project aims to increase the competitiveness of the local economy by creating conditions for strengthening innovation (products, processes, services) and creating "growth points", "points of influence" of innovations on the business environment of IF city community.

The Executive Committee is also preparing to implement a project under the Poland-Ukraine 2021-2027 programme aimed at improving the water supply system in the cities of Ivano-Frankivsk and Siedlce.

In 2024, the Executive Committee joined as a discovery partner in the Daphne project under the Interreg Europe programme, a project aimed at improving energy efficiency policies and decarbonising healthcare facilities.

Co-financing

Source	Amount	Percentage
Neighbourhood CBC	649.658,82	90,00%
Partner contribution	72.184,32	10,00%
Partner total eligible budget	721.843,14	100,00%

Origin of partner contribution			
Source of contribution	Legal status of contribution	Amount	% of total partner budget
ECIFCC	Public	72.184,32	10,00%
Total			
Sub-total public contribution		72.184,32	10,00%
Sub-total automatic public contribution		0,00	0,00%
Sub-total private contribution		0,00	0,00%
Total		72.184,32	10,00%
State Aid			
State aid criteria self-check			
Criterium I: Is the partner involved in economic activities through the project?			
1. Will the project applicant implement activities and/or offer goods/services for which a market exists?	No	All project activities have a social effect, and the partners will not implement activities and /or offer goods/services for which a market exists.	
2. Are there activities/goods/services that could have been undertaken by an operator with the view to making profit (even if this is not the applicant's intention)?	No	The Executive Committee Ivano-Frankivsk City Council and Municipal Road Company, for which the activities will be carried out, are funded from the city budget. All activities /goods/services will not be carried out by the operator for profit.	
Criterium II: Does the partner receive an undue advantage in the framework of the project?			
1. Does the project applicant plan to carry out the economic activities on its own i.e. not to select an external service provider via public procurement procedures for example?	No	The partner carries out economic activities independently, but procurement is carried out through the Prozorro system	
2. Will the project applicant, any other operator not included in the project as a project partner or the target audience gain any benefits from its project economic activities, not received in the normal course of business (i.e. not received in the absence of funding granted through the project)?	No	The project partner will carry out normal activities during and after the project implementation and the project activities will only improve the quantity and quality of service provision.	
Result of State aid criteria self-check:	No risk of state aid		

B.1 Project Partner 2	
Partner number	2
Partner role	PP
Name of the organisation in original language	Municipiul Baia Mare
Name of the organisation in english	Baia Mare City Hall/Municipality
Organisation abbreviation	UAT MBM
Department / unit / division	
Partner main address	
Country	România (RO)
NUTS 2	Nord-Vest (RO11)
NUTS 3	Maramureş (RO114)
Street, House number, Postal code, City	GHEORGHE ŞINCAI 37 430311 BAI A MARE, MARAMUREŞ COUNTY
Homepage	primar@baiamare.ro
Address of department / unit / division (if applicable)	
Country	
NUTS 2	
NUTS 3	
Street, House number, Postal code, City	
Legal and financial information	
Type of partner	Local public authority
Legal status	Public
VAT number (if applicable)	3627692
Is your organisation entitled to recover VAT based on national legislation for the activities implemented in the project?	No
PIC (from EC Participant Register)	918485338
Contact	
Legal representative	Deputy Mayor Dăncuş Ioan-Doru

Contact	
Contact person	Simona Fabian
Email	simona.fabian@baiamare.ro
Telephone no.	+40 742 215 130
Motivation	
Which of the organisation's thematic competences and experiences are relevant for the project?	
<p>The Baia Mare Municipality has a strong experience in promoting climate change adaptation and disaster risk prevention and resilience, through the activities carried out by the Civil Protection Office, with the following main competences: drawing up and implementing, as the case may be, the Annual Preparedness Plan in the field of emergency situations, as well as drawing up, updating and implementing, as the case may be, the Risk Analysis and Coverage Plan on the territory of the Municipality of Baia Mare. In the same time, the Environment Protection Office is monitoring the compliance of public and private persons with all pollution prevention rules as well as CO2 emissions, at least through the following activities: check the sanitation of water sources, banks, beds or their basins; check the sanitation of the streets, access roads, green areas, gutters, the removal of snow and ice from the access roads, the disinsection and rodent control of buildings; verify the existence of sanitation contracts concluded by natural or legal persons, according to the law; check the collection of household waste by operators of sanitation services, in accordance with the established schedules. All actions are oriented to promoting climate change adaptation and disaster risk prevention and resilience, taking into account eco-system-based approaches, by respecting the “do no significant harm” (DNSH) principles.</p>	
If applicable, describe the organisation's experience in participating in and/or managing EU co-financed projects or other international projects.	
<p>Baia Mare City experience:</p> <ol style="list-style-type: none"> 1. “Cross-border Green Transport Network” project under HUSKROUA ENI CBC Programme 2014-2020, with a total project budget of EUR 280,805.49. The project envisaged the implementation of system solutions in the development of environmentally friendly transport systems with low emissions and noise, encouraging the active use of electric cars by residents. During the project implementation, a network of 19 charging stations was purchased and installed in 4 partner cities. Duration: 18 months, Start: 01.10.2019. 2. “Safe Future” project under JOP Romania-Ukraine 2014-2020, with a total budget of EUR 1 415 604,67. The project aims to build four Data Centers in each of the partner cities: Ivano-Frankivsk, Solotvyno, Sighet and Baia Mare. An important part of the project is the installation of software that will meet the needs of the security services in Ukraine and Romania. Duration: 33 months, Start: 01.04.2021 3. The management of biodegradable waste, within HUSKROUA Programme 2007 - 2013 4. At the same time, the common ground floor between the Municipality of Baia Mare, The Baia Mare Metropolitan Area and Ivano – Frankivsk City was established during the project InterUrban, within HUSKROUA Programme 2007 – 2013 	

Co-financing			
Source		Amount	Percentage
Neighbourhood CBC		575.100,50	90,00%
Partner contribution		63.900,06	10,00%
Partner total eligible budget		639.000,56	100,00%
Origin of partner contribution			
Source of contribution	Legal status of contribution	Amount	% of total partner budget
UAT MBM	Public	63.900,06	10,00%
Total			
Sub-total public contribution		63.900,06	10,00%
Sub-total automatic public contribution		0,00	0,00%
Sub-total private contribution		0,00	0,00%
Total		63.900,06	10,00%
State Aid			
State aid criteria self-check			
Criterium I: Is the partner involved in economic activities through the project?			
1. Will the project applicant implement activities and/or offer goods/services for which a market exists?	No	The Municipality of Baia Mare is a public body which does not implement economic activities, according to the Romanian law.	
2. Are there activities/goods/services that could have been undertaken by an operator with the view to making profit (even if this is not the applicant's intention)?	No	The Municipality of Baia Mare is a public body which does not implement economic activities, according to the Romanian law.	
Criterium II: Does the partner receive an undue advantage in the framework of the project?			
1. Does the project applicant plan to carry out the economic activities on its own i.e. not to select an external service provider via public procurement procedures for example?	No	The Municipality of Baia Mare is a public body which does not implement economic activities, according to the Romanian law.	

Criterium II: Does the partner receive an undue advantage in the framework of the project?	
2. Will the project applicant, any other operator not included in the project as a project partner or the target audience gain any benefits from its project economic activities, not received in the normal course of business (i.e. not received in the absence of funding granted through the project)?	No The Municipality of Baia Mare is a public body which does not implement economic activities, according to the Romanian law.
Result of State aid criteria self-check:	No risk of state aid

Associated organisations

No associated organisations

C - Project description

C.2 Project relevance and context

C.2.1 What are the common territorial challenge(s) that will be tackled by the project?

Please describe why your project is needed in the programme area and the relevance of your project for the programme area, in terms of common challenges and opportunities addressed.

Since Ivano-Frankivsk (IF) and Baia Mare (BM) are both located in partly mountainous regions, they share several common challenges that threaten the population safety and economic sustainability:

-Heavy weather conditions and precipitations: Due to mountainous climate, all year round this causes many challenges and problems, preventing cities from functioning fully, especially public utilities coordinated by municipalities. Unpredictability and intensity of snowfalls and rainstorms make it difficult to respond effectively.

-Emergency response: Coordinating with emergency services to ensure they have clear access during snowstorms is challenging. In both cities, heavy snowfalls cause restrictions on traffic, preventing ambulances, police and other emergency services from arriving on time, which puts people at risk of delaying critical care. Snow piles obstruct walkways, forcing people to walk on the streets and increasing the incidence of car accidents. Lack of specialised equipment to deal with these issues contributes to the problem.

-Limited funding opportunities: Both cities have limited budgets for purchasing expensive specialised equipment and vehicles and maintaining the sufficient number of snow-clearing equipment. Due to hostilities in Ukraine, many vehicles were transferred to the military, so the municipal enterprise Municipal Road Company (MRC) is critically short of snow-clearing equipment, which makes it impossible to respond promptly to weather emergencies.

-Low public awareness of how to deal with the consequences of snowfall is also a significant problem. Many residents are not familiar with the necessary precautions and actions to take during snowstorms. This lack of knowledge leads to increased accidents and injuries.

Area of Ivano-Frankivsk territorial community is 265.7 km²; it includes Ivano-Frankivsk city and 18 surrounding villages. Due to large territory and lack of equipment, MRC is not capable of removing snow precipitation promptly, which leads to limited road passability. Precipitation in December 2023 (41-59 mm) reached 113-141% of the monthly norm, according to the Ivano-Frankivsk Regional Hydrometeorological Centre. MRC employs 250 people, of whom 70 are involved in snow removal with machinery, and 125 are involved in manual snow removal. Total number of vehicles used by MRC in snowy weather is 24. Total area of streets maintained and cleaned by MRC: roads - 3365.7k m²; sidewalks - 765.9k m². Available equipment is not enough to clear snow drifts from this area, which in turn slows down the road clearing, leading to stagnation of main communications and causing emergencies.

Besides similar challenges caused by heavy snowfalls, Baia Mare also faces problems related to warning the public about danger of snow storms. Currently, with existing alarming means (electrical and electronic sirens), audibility at level of Baia Mare municipality is ensured in proportion of approx. 70%, being a failure in management of emergencies. Sirens operate through local actuation and some can be put into operation remotely through an alarm control panel produced in 1975-1980. BM must ensure population warning so that it develops appropriate behavior before, during, and after the occurrence of emergencies, otherwise, the risk of loss of human lives and material damage increases. The Public Transport and Civil Protection Service (PTCPS) is subordinate to the Directorate of Public Utilities, which is subordinate to the General Directorate of Public Development, which is subordinate to the Mayor of Baia Mare. In PTCPS are 11 people, of whom 3 people have attributions on the civil

protection line, respectively the management of emergencies. Equipment/endowments owned by PTSPC include: public alarm sirens 41 pcs; filter-ventilation installation for civil protection shelters – 5 pcs; generator set (power generator) - 1 pc; gas protection mask – 50 pcs; stretcher for transporting the wounded – 52 pcs. Average area cleared of snow is about 1,560,000 m². The area covered by sirens is about 27 km². PTCPS functions are: monitoring the maintenance of civil protection shelters in working order; analysing the conditions and the possibilities of institutions and economic agents regarding the providing of disaster intervention actions; maintaining a record of technology and stock usable in disaster intervention actions; taking part in the drafting of civil security guidance and information documents; making proposals regarding (natural) disaster prevention, intervention and security measures; etc.

Therefore, IF and BM share common problems in overcoming consequences of heavy snowfall and rainstorms, informing the population about possible threats, and lack necessary resources, which leads to stagnation of important city communications and threatens the population's well-being. Due to this, both cities need additional funding and resources to effectively manage natural hazards and ensure public safety.

C.2.2 How does the project tackle identified common challenges and/or opportunities and what is new about the approach the project takes?

Please describe new solutions that will be developed during the project and/or existing solutions that will be adopted and implemented during the project lifetime. Describe also in what way the approach goes beyond existing practice in the sector/programme area/participating countries.

As a response to the above challenges, Ivano-Frankivsk and Baia Mare intend to cooperate in a cross-border project. Both cities need specialised equipment to effectively deal with weather emergencies and avoid severe consequences.

IF needs vehicles to effectively clear snow precipitations, thereby preventing paralysis of the city's main communications and utilities. Snow-clearing vehicles equipped with a snow plough can significantly speed up elimination of heavy weather consequences, which allows for a quick response to sudden snowfall and ice formation. In winter, vehicles will be rapidly deployed across the community. Dealing with snow-covered roads, the vehicles enhance visibility and reduce risk of accidents for both drivers and pedestrians (especially people with disabilities, number of which constantly increases in IF due to war) by keeping roads and sidewalks clear, especially for emergency vehicles. Equipped with tanks for spreading salt, brine, or other de-icing agents, it can also prevent ice formation and help melt existing ice, reducing slip hazards for vehicles and pedestrians. In the warm season, after rainstorms and strong winds, vehicles will be used to clean the streets from their consequences. By serving multiple functions throughout the year, the vehicles will provide a better return on investment compared to single-purpose equipment. This will significantly mitigate the disruptions and dangers caused by snowstorms and rainstorms, ensuring safer and more accessible urban environment.

An important element of a successful response to natural hazards in Baia Mare is the ability to test the performance of warning, notification, and alarm systems, response forces, and equipment, and to update procedures to prepare the public, raise awareness, and inform them of the measures to be taken in case of emergency.

The major benefits of this project for the BM municipality and its population are more efficient collaboration with decentralized public services, reduction of intervention time in case of emergencies, and reduction of effects caused by emergencies (floods, landslides, heat wave, etc.) Currently, the Public Civil Protection Service (PCPS) at the level of Baia Mare Municipality has the following equipment: 49 electric alarms, in 49 locations, of which 8 are not functioning (need to be replaced). Alarms are non-centralized, requiring to be switched on from the location where they are located, they cannot be operated remotely. To address the issue, BM will purchase electronic sirens

which will become part of a centralized new electronic system, with the possibility of operating from several headquarters of the main institutions involved in disaster/emergency management. An audibility study will be conducted in BM to ensure that alarms are clearly audible around the city in various environments to guarantee safety and effective communication.

As well as IF, BM needs specialised vehicles to deal with the consequences of snow storms, and eliminate possible dangers for citizens and main communications. The backhoe loader with accessories will cope with the challenges posed by adverse weather conditions and make the work of PCPS more efficient.

This is why, aiming to be prepared to climate change adaptation and disaster risk prevention and resilience, partners apply for grant funds under the Programme to purchase specialised, modern equipment to ensure functionality, operability, and intervention following the legislation specific to the field of activity.

In addition to purchasing equipment, PPs take a new approach to raising public awareness, as one of the ways to overcome the effects of snowfall in cities is to inform the population by distributing electronic guides via QR codes in residential and commercial areas of IF and BM with information on how to properly clean and sprinkle roads in winter, environmental solutions, and useful tips for residents on how to act in snowy weather. The goal is to educate residents on how to effectively and safely manage snow removal, promote environmental responsibility, and increase community preparedness for winter conditions, also informing them about eco-friendly alternatives to traditional, potentially harmful de-icing chemicals. Several public engagement activities will be conducted as part of the project. In IF, there will be first aid training for emergencies, including natural disasters, and educational workshops for children in schools. BM will also hold workshops for school students and emergency training for public institution personnel.

No projects were implemented earlier in IF and BM to address weather hazards, so the project will benefit not only the residents of both cities, but will also be the first step towards improving disaster management and prevention methods in future.

C.2.3 Why is cross-border cooperation needed to achieve the project's objectives and result?

Please explain why the project objectives cannot be efficiently reached acting only on a national/regional /local level and/or describe what benefits the project partners/target groups/ project area/programme area gain in taking a cross-border approach.

Since Ivano-Frankivsk and Baia Mare have the opportunity to join the Romania-Ukraine Programme and strengthen their already close ties in the implementation of projects in different priorities, both partners decided to jointly implement a project in the area of disaster risk prevention and resilience and to increase their capacity to deal with weather emergencies.

Extreme weather events such as snowfall, rainstorms, floods and droughts can affect both cities at the same time. Cross-border cooperation is essential to comprehensively manage these risks, reduce vulnerability, and increase resilience. It is also an integral part of all activities, supported by joint project structures, sharing of resources, knowledge and best practices. Cross-border cooperation allows combining scientific research, technology and experience, which will lead to more innovative and effective solutions.

Romanian cities are integrated into the system of European legislation regarding disaster risk prevention and climate change adaptation and adhere to EU Strategies and standards. The situation in Ukraine is different, therefore, the project implementation will allow for promoting a coherent approach, bridging the gap and ensuring a more consistent understanding and implementation of sustainable practices in both countries. The transnational approach will facilitate the development of shared emergency prevention methods aimed at enhancing resilience and response capabilities across different regions.

The project's objectives will be more efficiently reached acting on a cross-border level. Thus, Baia Mare City, as a city situated in an EU member state, will share its experience with Ukraine, a future EU Member State.

At the same time, the exchange of experience on methods of disaster risk prevention, joint events, as well as presenting the infrastructure components improved by each partner, will provide both partners with improved knowledge to exploit to the maximum the equipment obtained within the project.

The awareness-raising campaign conducted on both sides of the border will aim to increase a sense of responsibility among municipal enterprise employees, public institutions, students and other stakeholders while promoting environmentally friendly practices.

Project events will ensure transnational networking, workshops, exchange of know-how, and dissemination in the field of emergency prevention. Applying advanced knowledge and experience between the partners, municipal enterprise workers will establish close cooperation, and create a network of specialists to promote sustainability issues of cities in the Programme area. Collaboration between municipal institutions from different countries and the exchange of different management practices will enhance expertise in relevant fields.

Project cross-border impact will be translated into long-term effects on several levels:

1. At the level of partners - the project will enhance the cross-border cooperation and will set up a common practice of joint initiatives in the fields of disaster risk prevention and weather emergency response. At the same time, partners will increase the capacity to implement projects and obtain the necessary funding to implement ideas for the development of communities
2. At the target group and final beneficiaries' level - the project will bring people together and enhance the exchange of good practices and know-how transfer.
3. At the cross-border community level – the project will create a bridge between the 2 communities of Ivano-Frankivsk and Baia Mare, between specialists in the field of emergency prevention and response.

Project activities will give an opportunity to cross-border communities of Programme area and partner municipalities, as well as public services, municipal enterprises and their employees, students, public institution personnel, citizens, and other target groups and stakeholders to develop their potential, including institutional, especially in the field of climate change adaptation and disaster prevention.

C.2.4 Who will benefit from your project outputs?

In the first column of each row, please select one of the pre-defined target groups from the drop-down list. In the second column explain in more detail exactly who will benefit from your project. For example, if you choose the category education, you need to explain which specific schools or groups of schools and in which territory.

Target Group	Specification
Infrastructure and (public) service provider	The staff of the municipal enterprise Municipal Road Company in IF (250 people) and staff of the Public Transport and Civil Protection Service of Baia Mare (11 people).
General public	Population of Ivano-Frankivsk community (288 243 inhabitants) and population of Baia Mare (108 800 inhabitants).
Local public authority	The Executive Committee and relevant structural units of the City Council such as the Department of Infrastructure and Housing and Municipal Policy and other institutions related to project activities and objectives. Baia Mare City Hall and its responsible structural institutions such as the Directorate of Public Utilities, and General Directorate of Public Development and other related institutions.
Other	Students and participants in workshops and trainings in Ivano-Frankivsk (190 persons) and Baia Mare (200 persons).
Other	Specialized representatives of APL and specialized structures in BM: ISU MM, Public Services (including volunteers) and specialized Organizations on the line of emergencies
Other	Local media in Ivano-Frankivsk and Baia Mare

C.2.5 How does the project contribute to wider strategies and policies?

Please indicate to which strategies and policies your project will contribute. Then describe in what way you will contribute.

Strategy	Contribution
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Strategy	Contribution
Other	<p>Development Strategy of Ivano-Frankivsk city until 2028.</p> <p>Strategic goal B.3. Modernization of the municipal infrastructure of the city. The inclusion of snow control in the strategy will allow the development and implementation of programs for clearing roads, sidewalks and public areas from snow. This will help increase the safety of pedestrians and drivers, including people with disabilities and low mobility, reduce accidents and ensure uninterrupted access to city infrastructure for all categories of the population. Heavy snowfall can lead to disruptions in city services, traffic jams and other problems affecting the city economy. Including the fight against snow in the strategy will allow to develop and implement measures to minimize such negative consequences, maintaining the stability and efficiency of the city. The project envisages investments in the modernization of technical means for dealing with snow, such as snow removal devices, technical means of maintenance of roads and sidewalks. This will allow the city to create a sustainable and efficient infrastructure that will improve over time to ensure maximum efficiency in dealing with snow.</p>
Other	<p>Development Strategy of the Ivano-Frankivsk Region for 2021-2027 includes measures to increase the efficiency of infrastructure, in particular road and communal infrastructure.</p> <p>It provides for the improvement of measures for the prevention and liquidation of emergency situations, in particular, winter natural disasters. The strategy establishes mechanisms for the optimal use of resources for the fight against snow, in particular by improving the management system for cleaning and maintenance of roads in the winter period. This helps to efficiently use financial and human resources to ensure road safety during snowfall. This project places special emphasis on cooperation with other regions, local authorities, the public and the private sector to jointly solve the problems of snow control. This facilitates the exchange of experience and resources to ensure safety and comfort on the roads in winter.</p>
Other	<p>The regional program for the development of highways and traffic safety in the Ivano-Frankivsk region for 2021-2025 includes plans for the modernization of the road network, the implementation of early warning systems and rapid response to weather conditions. This program involves the development and implementation of effective snow removal systems, including the use of modern technologies and vehicles for quick and effective snow removal from roads. The project aims to develop an information system that provides the public with up-to-date information on the condition of roads during snowfall and recommendations on road safety.</p>

Strategy	Contribution
Other	<p>The comprehensive targeted social program for the development of civil defense in the Ivano-Frankivsk region for 2022-2025 provides for measures to prepare for and respond to emergency situations, in particular snow drifts and icing. The program provides for the modernization of the technical equipment of the civil protection services, including vehicles and special equipment for dealing with snow and ensuring road safety. The project aims to include conducting educational events and training in civil protection, including issues related to responding to bad weather and combating snow. Training helps to increase the awareness and readiness of the population to act in critical situations.</p>
Other	<p>The sustainable development strategy "Ukraine-2030" covers the issue of sustainable development of infrastructure, including transport infrastructure, which should ensure reliability and safety in the winter period. Effective management of snow resources reduces economic losses from traffic stoppages and road accidents. The strategy includes measures to increase energy efficiency and introduce the latest technologies in infrastructure management. Out project contributes to the implementation of the strategic goals of Ukraine-2030 by increasing the country's overall resilience to extreme climate conditions. Emphasis is placed on the implementation of systems for monitoring weather conditions and prompt response to extreme weather events, which will allow early preparation for snowfall and ensure uninterrupted traffic.</p>
Other	<p>National security strategy of Ukraine. This strategy covers matters of national security, including road safety and protection of the population during emergencies such as heavy snowfall and blizzards. The project provides effective coordination of actions between various services (State Emergency Service of Ukraine, police, communal services) for quick response to snow storms and other winter emergency situations, which ensures prompt clearing of roads and assistance to victims.</p>
Other	<p>The strategy for the formation and implementation of state policy in the field of climate change for the period up to 2035 includes measures for adaptation to climate change, including the fight against extreme weather events, such as heavy snowfalls. It covers the development of infrastructure and early warning systems for extreme weather conditions. The strategy includes the introduction of modern energy-efficient equipment for snow removal, which reduces energy costs and environmental impact. The project envisages cooperation with international partners to share experience and implement best practices in the field of snow resource management and response to snow storms.</p>

Strategy	Contribution
Other	<p>The European Civil Protection Mechanism (ECPM) provides a platform for the exchange of information and resources between EU member states during extreme weather conditions such as heavy snowfall. This allows countries to quickly respond to the situation, exchange experience and receive assistance from other states. Specialized snow control resources and equipment can be mobilized as part of the ECPM, including snow removal equipment, salt and sand spreaders, and emergency rescue equipment. The project aims to obtain financial support for the implementation of measures for preparation and response to snow storms, including the purchase of equipment, conducting exercises and introducing new technologies.</p>
Other	<p>The EU Adaptation Strategy envisages the modernization and adaptation of infrastructure to climate change, including preparing the transport network for extreme weather conditions such as snowfall. This may include building and upgrading road systems and developing innovative snow removal solutions. The strategy emphasizes cooperation between EU member states and the exchange of experience and best practices. Within the framework of the project, this allows the introduction of proven methods and technologies for dealing with snow, adapted to specific regional conditions.</p>
Other	<p>The Red Intervention Plan of Maramureş County According to the Plan, Local public authorities (town halls, CLSU) have the following duties:</p> <ul style="list-style-type: none"> - provides forces and means, through the own personnel/ volunteers, for locating and removing some negative effects of the emergency situation produced, in cooperation with forces of the Emergency Situations Inspectorate; - provides support, together with the other authorities, in order to pick up and transport the deceased to the temporary morgue or to the Forensic Medicine Laboratory.
Other	<p>Consolidation And Development Strategy of General Inspectorate For Emergencies For The Period 2016-2025</p> <p>The Strategy identifies a number of vulnerabilities in the logistics insurance activity: Underfunding of the logistics field in terms of investments, as well as maintenance of movable and immovable assets; The modest or even absent degree of endowment with special vehicles, special means of intervention and equipment for the execution of operative missions: pyrotechnic sanitation, CBRN intervention, urban search-rescue, search-rescue and specific interventions in territorial waters, shelter, notification-alarm</p> <p>Difficult administrative regulations and reactive and bureaucratic way of working of the staff who supervise the support structures; Lack of an electronic record of the IGSU patrimony</p> <p>Insufficient endowment with personal protective equipment;</p> <p>Insufficiently modernized communication system and information technology; Lack of logistical provision of missions due to the lack of feeding capabilities for the units' personnel</p>

Strategy	Contribution
Other	Emergency prevention activities represent a main component of the integrated system of technical and organizational measures, as well as specific actions planned and carried out according to legislation, in order to prevent, reduce or eliminate the risks of emergency situations and their consequences, the protection of the population, the environment, assets and heritage values. (ORDER No. 1474 of October 12, 2006 for the approval of the Regulation on planning, organization, preparation and carrying out of emergency prevention activities).
Other	(DECISION No. 762 of July 16, 2008 for the approval of the National Strategy for the Prevention of Emergency Situations). This strategy includes emergencies and establishes responsibilities of state authorities and enterprises concerning the design and implementation of appropriate contingency plans according to the type, magnitude and expected consequences of a disaster. The National System for the Management of Emergencies in Romania aims at prevention and management of emergency situations and the planning and coordination of human, material and financial resources. Our project includes measures to prevent critical situations during snowfalls. The project provides training for utility workers on the effective use of snow removal equipment, as well as educating the public on the correct actions to take in the event of heavy snowfall.

C.2.6 Which synergies with past or current EU and other projects or initiatives will the project make use of?

Project or Initiative	Synergy
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Project or Initiative	Synergy
<p>Together for improvement of disaster risk management and faster response in Cross-Border RO-UA Community under 2014 - 2020 Romania - Ukraine ENI CBC, with a total project budget EUR 519 641.50 Start: September 2021</p>	<p>The project "Together for improved disaster risk management and faster response in the Romania-Ukraine ENI CBC 2014-2020" aims to improve the capacity of the beneficiaries - local authorities and population from Romania and Ukraine - to coordinate their actions, prevent and respond to natural and human-induced risks and emergencies (such as floods, heavy snowfalls and forest fires).</p> <p>The "Sustainable Weather Emergency Management (SWEM)" project, with its emphasis on disaster prevention, can complement the research aspects of the project "Together for improved disaster risk management and faster response in the Romania-Ukraine ENI CBC 2014-2020".</p> <p>Both projects are active in the Romania-Ukraine cross-border region, providing opportunities for cross-border cooperation and knowledge exchange.</p> <p>That is why the SWEM project provides training for users to ensure the effective use of their capabilities. In this respect, the vehicles that are to be purchased will tackle with heavy snow conditions.</p> <p>The specialized personnel/technicians that will be operating the vehicles will receive specialized training in order to use them properly, as for the communities to get the highest benefit from the specialized vehicles and to avoid any accidents. The project SWEM will develop the abilities for intervention and will increase awareness among population, in the field of the measures that are necessary in order to prevent natural/antropic disaster and to react and respond when they occur, with emphasis on flood prevention and heavy snow falls. These are the most common emergency situations that occur within the given communities.</p>
<p>Extension of the operational "Space Emergency System" towards monitoring of dangerous natural and man-made geo-processes in the HU-SK-RO-UA cross-border region (GeoSES) under 2014 - 2020 Hungary - Slovakia - Romania - Ukraine ENI CBC, with a total project budget EUR 938 105.22 Start: January 2019</p>	<p>Over the past decades in the Carpathian Euroregion cases of ecological catastrophes have become more frequent. Territories with the observed deformations of the earth surface are found in relatively densely populated areas, in industrial, urban areas, and in landscapes with varying level of nature conservation. Any surface displacements due to hazardous processes can destroy structures of different types on the earth surface, endanger the human lives and property and seriously impacts the success of environment protection. Due to climate change, the border areas of HU-SK-RO-UA is more and more endangered by sudden and strong meteorological events (heavy rainfalls and snowfalls) causing severe floods threatening the population and economy.</p> <p>Therefore, there will an opportunity within the project "Sustainable Weather Emergency Management (SWEM)" to obtain detailed knowledge about the current situation as well as to be able to identify the focus areas of further local studies to assess the risks associated with nature disasters.</p>

Project or Initiative	Synergy
<p>Cross-border harmonized response to risks and disasters (RESQUE GUARD) under 2014 - 2020 Hungary - Slovakia - Romania - Ukraine ENI CBC, with a total project budget EUR 613 354.65. Duration: 20 months. Start: June 2021</p>	<p>This project represents an integrated approach of Romania, Hungary and Ukraine to identify, assess and reduce risks associated with hazards and human activities that threaten cross-border territory, and to find solutions to act jointly in case of disasters. One of the main hazard challenges that this territory is facing is snowfalls and other nature disasters. Historical snowfalls are unfortunately common for each of the partners. Both floods and snowfalls can easily spread across the border producing losses. In detail, the project "Sustainable Weather Emergency Management (SWEM)" foresees the organization of several activities (exchange of experience, meetings with stakeholders, drills, prevention activities for inhabitants, equipment purchase, building specific emergency infrastructure etc) to facilitate the development of a harmonized approach for the emergency services quality increasing in this area. Partners aim to enhance the human safety level of the populations from the region and thus, to reduce the social, economic and environmental costs of natural disasters.</p>
<p>„Developing and implementing an common Emergency Situation Management System by Ivănești commune from Vaslui county and Bulboaca village from Anenii Noi district” (2SOFT /4.2/92) under 2014 - 2020 Romania - Republic of Moldova ENI CBC, with a total project budget EUR 294 515.49 Start: September 2020</p>	<p>The project aims at increasing the efficiency of the management of emergency situations through common actions of school population awareness and training of personnel of interest, as well as the purchase of first intervention equipment for endowment of the service responsible for reducing human and material damage caused by natural disasters. Within the project "Sustainable Weather Emergency Management (SWEM)" will increasing the level of knowledge in the field of emergency management of staff working at the level of local partner authorities. Raising awareness and correct action among the population in the field of emergency situations. The proper endowment of local authority with modern and efficient equipment and facilities.</p>

C.2.7 How does the project build on available knowledge?

Please describe the experiences/lessons learned that the project draws on, and other available knowledge the project capitalises on.

The project is based on the previous experience of implementing international projects by both partners. The Executive Committee of Ivano-Frankivsk and the Baia Mare City Municipality collaboratively utilized their collective knowledge and experiences. Specifically, Baia Mare City Municipality tapped into the extensive experience and data provided by its Public Civil Protection Service. This detailed input was crucial in accurately describing the specific problems and needs faced by the city, ensuring that the project addresses the most pressing issues effectively. The partners also relied heavily on the experience of other organisations from past disaster prevention and mitigation projects funded under various programmes. This knowledge provided an important source of information about effective strategies and activities, allowing during the preparation of the project to analyse and benefit from lessons learned and proven approaches and to minimise possible challenges. A key factor in the project's preparation was ensuring its alignment with existing local, regional, and national strategies. This alignment was thoroughly planned to ensure that the project supports broader strategic goals and initiatives, enhancing its relevance and potential impact. By aligning with these strategies, the project aims to contribute to overarching objectives such as sustainable urban development, climate resilience, and enhanced public safety. The Ivano-Frankivsk Municipal Road Company drew extensively on its vast professional expertise during the preparation of the project application. This experience ensured that only the most relevant and necessary information was included, highlighting critical areas that align with the project's objectives.

During the application preparation, partners analysed the data on emergencies related to unfavorable weather conditions in both cities, which made it clear that there was a need to purchase new equipment, conduct corresponding workshops and trainings, and the necessity of raising public awareness.

In summary, the project is a well-rounded initiative built on a strong foundation of previous international project experiences, professional expertise, detailed problem identification, and strategic alignment with broader goals. By incorporating lessons from past projects and ensuring thorough stakeholder engagement, the project is positioned to effectively address the challenges of snow clearing and population warning, ultimately contributing to the resilience and safety of the participating cities.

C.3 Project partnership

Describe the structure of your partnership and explain why these partners are needed to implement the project and to achieve project objectives. What is the contribution of each partner to the project?

The project will be implemented by two partners, Ivano-Frankivsk and Baia Mare, which already have successful experience in implementing joint projects. This experience is an important basis for the further success of the project, as both cities already have established communication channels, agreed working methods, and trusting relationships.

Cooperation will allow for effective knowledge and resource sharing, which is critical in the event of an emergency. For example, they can jointly develop and implement early warning systems, and provide education and training for rescue personnel.

In addition, the successful experience of previous joint projects shows that both cities are able to effectively coordinate their actions, which greatly increases the chances of a successful implementation of the new project.

During the online project preparation meeting, the partners decided that the Executive Committee of Ivano-Frankivsk City Council would be the lead partner. This decision was made given its role as the initiator of the project and extensive experience in the implementation of cross-border projects under the RO-UA and other programs.

PPs with the experience of successfully completing cross-border projects under RO-UA 2014-2020, HUSKROUA 2014-2020 Programmes and Danube Transnational Programme created such a partnership wanting to develop wider cooperation to prepare and implement development projects. RO partner has big experience in implementing projects with Ivano-Frankivsk City: Management of Biodegradable waste (HUSKROUA 2007 – 2013), CGTN (HUSKROUA 2014 – 2020), and Safe Future (ROUA 2014 – 2020).

The project partnership was formed on the basis of recognized common potential, needs and challenges of disaster risk prevention and resilience in Ivano-Frankivsk and Baia Mare. PPs take over their roles in the project and will engage staff for this purpose. Each partner will have its own project team, and a Joint Steering Committee will be established, which will oversee the project implementation process to ensure the reliability and fulfillment of all the set goals, activities, and responsibilities. Employees will coordinate their tasks among themselves and exchange information regularly. During the implementation of the project, each PP will carry out jointly agreed activities in its own region according to the application form, budget and the Grant Contract conditions.

The Executive Committee of Ivano-Frankivsk City Council will be responsible for all the project and all activities in IF, especially ensuring financial resources for the procurement of investments for Municipal Road Company (MRC), also assure the necessary services for technical documentation and permits. MRC will carry out works to efficient snow removal, timely public communication, and emergency response strategies. Municipal Road Company will give all necessary support for project implementation and will maintain all investments and purchased equipment in the future as the user. Baia Mare Municipality having the experience and attributions in collaboration with the local communities, will ensure the dissemination of information among them as well as the involvement of the target groups in the project's activities.

Municipality of Baia Mare will ensure the human and financial resources for the procurement of snow removal equipment to help it cope with snow storms efficiently and quickly and restore transport and pedestrian communication in the city. UAT MBM is responsible for informing citizens, and also assuring the necessary services for technical documentation and permits.

Both partners will develop activities to promote the project in accordance with the visibility provisions of the Program.

The partnership created within the framework of the project and the planned activities will facilitate

the exchange of best practices and knowledge between participants, the establishment of close cooperation and the formation of a network of cross-border ties to solve specific environmental problems of cities in the territory covered by the Program. Through this project, the partners will be able to combine their efforts and competencies to develop effective solutions to pressing environmental challenges, disseminate best practices in sustainable development, and establish long-term cooperation.

C.4 Project work plan

Number	Work package name
1	Joint activities for improvement of weather emergency response in Ivano-Frankivsk and Baia Mare

Work package 1

Work package title

Joint activities for improvement of weather emergency response in Ivano-Frankivsk and Baia Mare

Objectives

Your objectives should be:

- realistic and achievable by the end of the project;
- specific (who needs project outputs delivered in this work package, and in which territory);
- measurable – indicate the change you are aiming for.

Define one project specific objective that will be achieved when all activities in this work package are implemented and outputs delivered.

To improve weather emergency response in two cities of the cross-border area and extend abilities to eliminate consequences of heavy weather conditions by providing municipalities with specialised equipment and vehicles, studying best practices and sharing experience, training the responsible staff and increasing public awareness

Think about the communication objective that will contribute to the achievement of the specific objective. Communication objectives aim at changes in a target audience's behaviour, knowledge or belief.

1. To raise awareness among citizens, students, public institutions, and environmentalists on disaster prevention and environmental responsibility. This includes promoting the enhanced capabilities of municipal enterprises and public service providers through an awareness-raising campaign. The objective is to increase knowledge and foster responsible behavior towards environmental challenges and emergency preparedness, thereby improving emergency response and public involvement in both cities.
2. To disseminate information on best practices in sustainable snow removal and emergency preparedness at the Programme territory. This involves providing hands-on sustainability skills and knowledge-sharing through workshops and training sessions with the Municipal Road Company in IF and the Public Civil Protection Service in BM. The aim is to enhance the abilities of responsible staff, improving their competence in handling heavy weather conditions and emergency situations effectively.

Activities

Activity 1.1	
Title	Project opening conference in IF
Start period	Period 1, 1 - 4
End period	Period 1, 1 - 4

Activity 1.1	
Description	<p>A kick-off press conference will be held in Ivano-Frankivsk at the beginning of project implementation to introduce the main vision, goals, activities, and key initiatives in the field of emergency prevention and preparedness. With the participation of 20 individuals, including representatives of key stakeholders, local media, and public authorities, this activity aims to establish the start point of the project and create a connection with the target groups. The media will gain clear insights into the objectives, expected impact, and the involvement of stakeholders, ensuring an accurate representation of the project in news coverage. The project team will share through targeted distribution channels the press announcement and press releases to serve as valuable resources for journalists, ensuring accurate and compelling coverage of the project's launch.</p>

Deliverables 1.1			
Running number	Deliverable title	Description	Delivery period
D.1.1.1	Materials of conducting the press conference in IF	Invitations, agenda, participation list, photos and presentations will be prepared to introduce the project to the audience, press release and articles on local media, introducing the project and its key aspects, photos of the event.	Period 1, 1 - 4

Activity 1.2	
Title	Project opening conference in BM
Start period	Period 1, 1 - 4
End period	Period 1, 1 - 4

Activity 1.2	
Description	<p>At the start of the project, a kick-off press conference is scheduled to take place in BM, where the project's purpose, goals, and key initiatives will be presented. 20 participants will receive invitations to this conference, granting them the opportunity to gain insights into general project information. Those participants will include representatives from the Municipality of Baia Mare, The Maramures County Council, Maramures Emergency Situations Inspectorate, representatives of civil society, especially teachers and students from high schools and universities in Baia Mare. With the help of the videoconference system procured within Safe Future Project – 1HARD/4.3/36, PP2 will invite the members of Ivano–Frankivsk project team and other stakeholders from Ivano-Frankivsk to take part on-line to the conferences.</p> <p>Media representatives will disseminate details about the project to the broader public of Baia Mare. The project team plans to distribute the press announcement to local media channels, extending coverage and effectively reaching the target audience. Following the conclusion of these events, the press releases will serve as a valuable resource for journalists, ensuring accurate coverage of the project's launch.</p>

Deliverables 1.2			
Running number	Deliverable title	Description	Delivery period
D.1.2.1	Materials of conducting the press conference in BM	Invitations, agenda, participation list, photos and presentations will be prepared to introduce the project to the audience, press releases and articles on local media with an introduction of the project and its main key aspects.	Period 1 , 1 - 4

Activity 1.3	
Title	Promotional and awareness-raising campaigns
Start period	Period 1, 1 - 4
End period	Period 6, 21 - 24
	The promotional and awareness-raising campaigns

Activity 1.3	
Description	<p>will be aimed at educating the public on the importance of sustainable snow removal practices, increasing awareness about emergency preparedness, and fostering a sense of community responsibility. The awareness campaign in Ivano-Frankivsk will include:</p> <ul style="list-style-type: none"> - Development of project identity. - Production of information and promotional materials: a promotion set including a hand warmer, thermal mug, socks, and shopper will be produced and distributed during project events. - Two roll-ups (UA/ENG) with main project information and all logos will be designed and used at all project events. - Two digital newspaper articles to present the project and promote its results. - Publications on social media (Facebook, Instagram, Telegram) and partners' websites: all project news, events, results, deliverables, and outputs will be published on PPs' pages on social media (at least two publications every month). - Radio broadcast (1 for 15 min.) to effectively communicate the vision, goals, and activities of the project to a wide audience, including local communities, stakeholders, and the general public. - Promotional video to disseminate information about project implementation and achieved results (duration - 30-60 seconds). - Photographer services for all major events to provide a visual record of key project activities, capturing moments, interactions, and achievements. Photos of the events will be used for publications on official websites and social media. <p>The LP1 will also be responsible for designing and production of a Digital Guidebook on environmental responsibility on how to properly clear and salt roads during winter. The Guidebook will aim to equip residents with the knowledge to effectively and safely manage snow removal, promote environmental responsibility, and enhance community preparedness for winter conditions. It will be available in three languages: English, Ukrainian and Romanian, ensuring accessibility for a diverse audience, and will feature a QR code for easy access and distribution, allowing residents to quickly download and refer to the information. Printed QR code will be printed and placed in commercial premises, places with a large concentration of target audiences and in city</p>

Activity 1.3	
	<p>districts.</p> <p>The promotional and awareness campaign of the PP2 includes:</p> <ul style="list-style-type: none"> - A short video created to inform about the project's achieved results. It will be broadcasted on local television and published on the Baia Mare official webpage. - One roll-up (RO/ENG) with main project information and all logos will be designed and used at all project events. - Photographer services for all major events to provide a visual record of key project activities, capturing moments, interactions, and achievements. Photos of the events will be used for publications on official websites and social media. - electronic brochures with key project details featuring the QR code for easier dissemination of information.

Deliverables 1.3			
Running number	Deliverable title	Description	Delivery period
D.1.3.1	Promotional materials	300 sets of promotional materials - hand warmer, thermal mug, socks, and shopper); 3 roll ups for all project events; 500 flyers,	Period 6 , 21 - 24
D.1.3.2	Information materials and media	2 digital newspaper articles, publications on social media and partners' official websites (at least 2 publications every month), 1 radio broadcast, one promotional video, a Digital Guidebook on environmental responsibility, short informational video	Period 6 , 21 - 24
D.1.3.3	Developed identity	Developed project logo	Period 6 , 21 - 24

Activity 1.4	
Title	Mid-project press conference in Baia Mare
Start period	Period 4, 13 - 16
End period	Period 4, 13 - 16

Activity 1.4	
Description	<p>The mid-project press conference will serve as a milestone to update stakeholders and the public on the progress of the project. It will highlight achievements to date, address any challenges encountered, and outline the next steps for the remaining project period. 20 participants will include representatives from the Municipality of Baia Mare, The Maramures County Council, Maramures Emergency Situations Inspectorate, representatives of civil society, especially teachers and students from high schools and universities in Baia Mare. With the help of the videoconference system procured within Safe Future Project – 1HARD/4.3 /36, PP2 will invite the members of Ivano–Frankivsk project team and other stakeholders from Ivano-Frankivsk to take part on-line to the conferences.</p>

Deliverables 1.4			
Running number	Deliverable title	Description	Delivery period
D.1.4.1	Materials of conducting the press conference	These include invitations, agenda, participant lists and presentations, press announcements and press releases describing mid-term results of the project and its further objectives, photos of the event.	Period 4 , 13 - 16

Activity 1.5	
Title	Local trainings for students in IF
Start period	Period 2, 5 - 8
End period	Period 3, 9 - 12
Description	<p>Conducting 4 training sessions in schools and universities, each for 20 participants, to educate students on how to respond to emergency situations during winter. In total 80 students will participate in trainings. Target audience includes high school and university students. Instruction on safety protocols, emergency procedures, and practical skills to handle winter-specific emergencies like snowstorms and icy conditions will equip students with the knowledge and skills needed to stay safe and assist others during winter emergencies.</p>

Deliverables 1.5			
Running number	Deliverable title	Description	Delivery period
D.1.5.1	Materials of trainings	These are agenda, participant lists, presentations and information materials, certificates for participants, photos of the event.	Period 3 , 9 - 12

Activity 1.6	
Title	Local trainings in Ivano-Frankivsk on first aid for citizens
Start period	Period 4, 13 - 16
End period	Period 5, 17 - 20
Description	<p>Conducting 4 training sessions, each for 10 participants, to enhance citizens' ability to respond to injuries and emergencies during winter. Target Audience will include local residents of all ages. Instruction on basic first aid techniques, with a focus on winter-related injuries such as frostbite, slips, and falls, will equip participants with essential first aid skills to effectively respond to emergencies, improving community safety and resilience during winter conditions. This initiative aims to increase the community's preparedness and ability to provide immediate assistance in winter emergencies. Total number of participants who will achieve knowledge and skills in the relevant topic will be 40 people.</p>

Deliverables 1.6			
Running number	Deliverable title	Description	Delivery period
D.1.6.1	Materials of trainings	These are agenda, participant lists, presentations and information materials, certificates for participants, photos of the event.	Period 5 , 17 - 20

Activity 1.7	
Title	Final conference in IF
Start period	Period 6, 21 - 24

Activity 1.7	
End period	Period 6, 21 - 24
Description	<p>The large final conference will present the project's outcomes, share experiences, and become a platform for discussing best practices. It will be attended by 30 participants, including 10 from Romania. The target audience includes project teams, city officials, environmental experts, and representatives from relevant institutions, NGOs, municipal enterprises. The event will feature detailed presentations on the project's achievements, results, and impact, as well as panel discussions with project leaders, partners, and experts who will discuss lessons learned and challenges overcome. Interactive discussions will be held to exchange good practices and develop strategies for future initiatives. Networking opportunities will allow attendees to connect and explore potential collaborations. The conference aims to consolidate and disseminate project results, facilitate the exchange of knowledge and experiences, and foster new partnerships for continued improvement in emergency preparedness and environmental sustainability. Moreover, the event aims to provide media coverage, ensuring broader awareness and recognition of the project's impact within the community and cross-border area. The goal is to present and discuss the project's accomplishments, share opportunities, and gather valuable insights from participants to shape the future direction of emergency prevention and sustainability initiatives in both cities.</p>

Deliverables 1.7			
Running number	Deliverable title	Description	Delivery period
D.1.7.1	Materials of the Conference	These are invitations, agenda, participant list, press announcements and press releases describing the results of the project and its achieved objectives, photos of the event.	Period 6 , 21 - 24

Activity 1.8	
Title	Delivery period

Activity 1.8	
Start period	Period 3, 9 - 12
End period	Period 6, 21 - 24
Description	<p>The project will include 4 local conferences with students in Baia Mare, consisting of information sessions in schools and volunteer competitions. Each event will have at least 20 participants, in total 80 people. These conferences aim to educate students about emergency preparedness, sustainable snow removal practices, and community involvement. The information sessions will provide valuable knowledge on how to stay safe and assist others during winter emergencies, while the volunteer competitions will encourage students to apply what they've learned in practical, engaging ways. By involving students directly, these conferences seek to foster a sense of responsibility and community spirit among young people, preparing them to contribute positively to their communities during winter conditions.</p>

Deliverables 1.8			
Running number	Deliverable title	Description	Delivery period
D.1.8.1	Materials of conducting 4 conferences with students in Baia Mare	These are invitations, agenda, participant list, photos of the event.	Period 6 , 21 - 24

Activity 1.9	
Title	Audibility study
Start period	Period 2, 5 - 8
End period	Period 3, 9 - 12

Activity 1.9**Description**

Conducting an audibility study in Baia Mare to assess and enhance the effectiveness of communication systems during winter emergencies. This study aims to ensure that critical information can be clearly and promptly disseminated to residents, particularly during snowstorms and other winter-related incidents. The study will include analyzing the data collected from field tests and resident feedback to identify specific areas for improvement, as well as developing a set of recommendations for enhancing the audibility and effectiveness of emergency communications in Baia Mare.

The audibility study aims to ensure that Baia Mare's emergency communication systems are robust, reliable, and capable of delivering clear and timely information to all residents. By addressing any identified gaps and weaknesses, the study will contribute to improved safety and preparedness during winter emergencies, ultimately enhancing the overall resilience of the community.

Deliverables 1.9

Running number	Deliverable title	Description	Delivery period
D.1.9.1	Audibility study	Developed and documented audibility study conducted for the city of Baia Mare	Period 3, 9 - 12

Activity 1.10

Title	Final press conference in Baia Mare
Start period	Period 6, 21 - 24
End period	Period 6, 21 - 24

Activity 1.10	
Description	<p>The final conference will gather 20 participants, including representatives from the Municipality of Baia Mare, The Maramures County Council, Maramures Emergency Situations Inspectorate, representatives of civil society, especially teachers and students from high schools and universities in Baia Mare. With the help of the videoconference system procured within Safe Future Project – 1HARD /4.3/36, PP2 will invite the members of Ivano–Frankivsk project team and other stakeholders from Ivano-Frankivsk to take part on-line to the conferences. The goal is to cover information about the meeting and the results obtained during the project implementation and its end for the general public and of Baia Mare. The project team will share the press announcement with local media to expand coverage and reach the target audience. After the events are over, the press releases will serve as a valuable resource for journalists to ensure accurate coverage of the project end.</p>

Deliverables 1.10			
Running number	Deliverable title	Description	Delivery period
D.1.10.1	Materials of final press conference in BM	Invitations, agenda, participation list, photos and presentations will be prepared to inform the audience about the project results and achievements. Press release and articles on local media with information about the results of the conference and project's results.	Period 6 , 21 - 24

Activity 1.11	
Title	Local emergency training in Baia Mare
Start period	Period 5, 17 - 20
End period	Period 5, 17 - 20

Activity 1.11	
Description	<p>Conducting a workshop in Baia Mare focused on emergency training, primarily targeting personnel from public institutions. The workshop will have at least 20 participants and will aim to enhance their preparedness and response capabilities during winter emergencies. Workshop includes comprehensive training sessions covering key aspects of emergency preparedness, such as risk assessment, emergency planning, and resource allocation. Practical exercises and simulations will provide participants with real-world experience in implementing emergency response plans. Group activities arranged within the event will help participants who work together to develop and refine emergency response strategies adopted to their specific roles and institutions. This workshop aims to strengthen the capacity of public institutions in Baia Mare to effectively manage and respond to winter emergencies, ultimately contributing to a safer and more resilient community.</p>

Deliverables 1.11			
Running number	Deliverable title	Description	Delivery period
D.1.11.1	Materials of conducting training on emergency response	Agenda, participant lists, presentations, photos of the event.	Period 5, 17 - 20

Activity 1.12	
Title	Joint experience exchange in Baia Mare and International Ro-Ua conference
Start period	Period 5, 17 - 20
End period	Period 5, 17 - 20

Activity 1.12**Description**

Baia Mare will organize a two days joint meeting with Romania and Ukraine representatives, as following:

1. Day 1 – joint experience exchange - the event will have at least 20 participants (10 from Romania and 10 from Ukraine)

This activity will include on-site visits to locations where the main infrastructure procured within the project will be placed. These visits will provide practical insights into the operational aspects and effectiveness of the equipment in real-world settings. Facilitated discussions and presentations are planned where participants share knowledge, strategies, and best practices for managing emergency situations, particularly during winter. The idea of organizing such event is to foster cross-border collaboration, enhance mutual understanding of emergency management practices, and ensure effective utilization of the new equipment by both cities.

2. Day 2 - International Romania - Ukraine project conference with guests from public institutions, private environment - the event will have at least 20 participants (10 from Romania and 10 from Ukraine). The event will begin with opening remarks and introductions, followed by presentations on the project's progress, achievements, and future plans. Participants will engage in discussions on key topics such as emergency preparedness, sustainable practices, and cross-border cooperation. Interactive Q&A sessions will allow for in-depth involvement and exchange of ideas.

The primary outcome of the conference will be strengthened relationships, enhanced knowledge exchange, and a unified approach to addressing common challenges and promoting sustainable development in both regions.

Deliverables 1.12

Running number	Deliverable title	Description	Delivery period
D.1.12.1	Materials of the experience exchange and holding International conference	These are agenda, participant lists, presentations, and photos of both events.	Period 5 , 17 - 20

Activity 1.13	
Title	Joint workshop in Baia Mare
Start period	Period 5, 17 - 20
End period	Period 5, 17 - 20
Description	<p>Baia Mare will organize a joint workshop involving at least 20 participants, with 10 from Romania and 10 from Ukraine. This workshop will serve as a platform for knowledge exchange, collaboration, and capacity building between the two countries. Participants will engage in relevant topics, such as emergency preparedness, sustainable practices, and effective communication during winter emergencies. Interactive sessions will allow participants to discuss their experiences, share best practices, and brainstorm solutions to common challenges. Networking opportunities will be provided to help establish and strengthen professional connections, fostering future collaborations. The primary outcome of this workshop will be enhanced knowledge, improved practices, and a stronger partnership between Romania and Ukraine, contributing to more effective and coordinated efforts in managing winter emergencies and promoting environmental sustainability in both regions.</p>

Deliverables 1.13			
Running number	Deliverable title	Description	Delivery period
D.1.13.1	Materials of conducting Joint workshop	Agenda, participant lists, presentations, photos of the event.	Period 5, 17 - 20

Activity 1.14	
Title	Experience exchange in Ivano-Frankivsk on snow removal and de-icing practices
Start period	Period 4, 13 - 16
End period	Period 4, 13 - 16

Activity 1.14	
Description	<p>Organizing an experience exchange in Ivano-Frankivsk for 10 participants (5 from Ivano-Frankivsk and 5 from Baia Mare) to observe and learn from snow removal and de-icing practices. This experience exchange aims to provide participants with practical insights and hands-on learning opportunities, fostering cross-border cooperation and improving the effectiveness of snow removal and de-icing operations in both Ivano-Frankivsk and Baia Mare. The activity will include on-site visits to key locations to observe snow removal and de-icing operations in real-time. Participants will see the equipment in action and learn about the logistical and operational aspects. The planned outcomes include: enhanced knowledge and skills related to snow removal and de-icing practices among participants will be achieved; increased collaboration and knowledge exchange between Ivano-Frankivsk and Baia Mare; identification of best practices and potential improvements that can be implemented in both cities to enhance winter preparedness and safety.</p>

Deliverables 1.14			
Running number	Deliverable title	Description	Delivery period
D.1.14.1	Materials of holding the experience exchange	These are agenda, participant lists, presentations, and photos of the event.	Period 4, 13 - 16

Activity 1.15	
Title	Joint workshop in Ivano-Frankivsk on environmentally friendly de-icing methods and materials
Start period	Period 2, 5 - 8
End period	Period 2, 5 - 8

Activity 1.15	
Description	<p>The joint workshop in Ivano-Frankivsk will focus on environmentally friendly methods and materials for de-icing roads, with 10 participants, including 5 representatives from Ivano-Frankivsk and 5 from Baia Mare. Participants will review case studies of successful implementations of eco-friendly de-icing practice, highlighting the benefits and challenges. The workshop will include opportunities for participants to ask questions and engage in in-depth discussions with experts. Networking opportunities will enable participants to build relationships, share contact information, and explore potential future collaborations. The outcome of this workshop will be an increased knowledge and understanding of environmentally friendly de-icing methods and materials, practical strategies, and strengthened collaboration and knowledge exchange between the two cities, promoting ongoing cooperation in environmental sustainability initiatives.</p>

Deliverables 1.15			
Running number	Deliverable title	Description	Delivery period
D.1.15.1	Materials of conducting the Joint workshop	Agenda, participant lists, presentations, photos of the event.	Period 2, 5 - 8

Activity 1.16	
Title	Equipment purchase in both countries
Start period	Period 2, 5 - 8
End period	Period 5, 17 - 20

Activity 1.16	
Description	<p>This activity involves procuring necessary equipment through a transparent public tender process guided by procurement experts from both PPs.</p> <p>In Ivano-Frankivsk, the Lead Partner, the Executive Committee of Ivano-Frankivsk City Council, will oversee the purchase of snow-clearing vehicles equipped with a snow plough. These vehicles will significantly speed up the elimination of bad weather consequences, enabling quick responses to sudden snowfall and ice formation. They can also be used year-round for cleaning roads, sidewalks, squares, and various surfaces, as well as for cleaning streets after destructive weather conditions such as rain, storms, and strong winds. LP1 will transfer all purchased equipment to the balance of the Municipal Road Company of Ivano-Frankivsk City Council.</p> <p>The equipment for PP1 will be purchased through a public tender by the Project Partner, and will include electronic sirens, a backhoe loader, a slope bucket, a vegetation chopper, a platform on chassis, and an electric car. The obtained equipment will enhance emergency response capabilities, improve infrastructure maintenance, and promote environmentally friendly practices in Baia Mare.</p> <p>This activity will ensure that the necessary tools and equipment are available to enhance disaster prevention and safety, improve environmental sustainability, and foster cross-border collaboration.</p>

Deliverables 1.16			
Running number	Deliverable title	Description	Delivery period
D.1.16.1	Equipment for LP1	Purchased equipment through a transparent public tender process, photos and online publication about this activity will be uploaded on the web-page of the LP1 web-site.	Period 5 , 17 - 20
D.1.16.2	Equipment for PP1	Purchased equipment through a transparent public tender process, photos and online publication about this activity will be uploaded on the web-page of the PP1 web-site.	Period 5 , 17 - 20

Outputs

Output 1.1	
Output Title	
	Cross-Border Collaboration

Output 1.1	
Programme Output Indicator	RC087_1.1: Organisations cooperating across borders
Measurement Unit	organisations
Target Value	4,00
Delivery period	Period 6, 21 - 24
Output Description	4 organizations - Ivano-Frankivsk City Council, Municipal Road Company, Baia Mare Municipality and the Public Transport and Civil Protection Service are cooperating across borders.
Output 1.2	
Output Title	Investments in disaster warning and response systems
Programme Output Indicator	RC024_1.1: Investments in new or upgraded disaster monitoring, preparedness, warning and response systems against natural disasters
Measurement Unit	euro
Target Value	1.139.190,62
Delivery period	Period 6, 21 - 24
Output Description	The total amount of EUR 1,134,290 will be invested for purchase of specialised vehicles and equipment to increase weather emergency response capacities of two cities
Output 1.3	
Output Title	Joint cross-border events
Programme Output Indicator	RC081_1.1: Participations in joint actions across borders
Measurement Unit	participations
Target Value	110,00
Delivery period	Period 6, 21 - 24
Output Description	This number includes participants in all joint activities: workshops - 30 people, experience exchange - 30 people, International forum in BM - 20 people and final conference in IF - 30 people.

Investments

Investment 1.1

Title

Snow-clearing equipment for MRC of Ivano-Frankivsk

Justification

Please explain why this investment is needed.

The investment includes:

Cleaning and sweeping machine with accessories (equipped with hydraulic platform and support system, salt spreader, snow plough blade, irrigation system).

Dump truck with functions of sand spreading and swivel blade.

This investment is needed because the Municipal Road Company does not have sufficient equipment to effectively eliminate the effects of adverse weather conditions - snowfall and heavy rains. Due to hostilities in Ukraine, most of the MRC's equipment was transferred to the military, so the company critically lacks specialised vehicles to perform its duties.

The cleaning and sweeping machine will be useful all year round, as the accessories provided can be used in all seasons and conditions, including to eliminate snowfalls and rainstorms consequences.

The dump truck with functions of sand spreading will be used to apply anti-icing materials to ensure the quality of the roadway and prevent dangerous situations on the roads caused by frost and snowfall.

Please clearly describe the cross-border relevance of the investment.

The cross-border significance of an investment can be highlighted in the following ways:

Effective snow clearing reduces the risk of pollution and environmental hazards that can affect both Ivano-Frankivsk and Baia Mare, such as runoff from melting snow.

Cross-border cooperation within the project enhances the ability to respond to severe weather events, ensuring that both cities can manage emergencies effectively.

Ivano-Frankivsk and Baia Mare share the costs and benefits of enhancing economic ties and promoting regional stability.

Harmonized standards for the equipment ensure it meets both cities' requirements, simplifying operations and maintenance.

Please describe who is benefiting (e.g. partners, regions, end-users, etc.) from this investment, and in what way.

The beneficiaries of investment:

1. Target groups:

The Municipal Road Company will benefit from the investment due to the emergence of means for the company, which is currently insufficient, and the cleaning machine or its analog is absent, to more efficiently overcome the consequences of natural disasters.

It will also benefit the city's residents, as the snow removal equipment will clear snow from the roads, which in turn will not prevent ambulances, fire trucks, police, and other vehicles of critical services from reaching the emergency site in time and will also ensure accessibility and ease of movement for people with disabilities and limited mobility.

Efficient snow clearing ensures that roads, sidewalks, and parking lots remain accessible, allowing businesses to operate smoothly even during heavy snowfall.

Responsible structural units of the local authorities will also benefit from the implementation of the investment since clear roads and sidewalks enable residents to reach workplaces reliably, maintaining productivity and reducing economic disruptions. Snow-clearing equipment provides numerous benefits to local authorities by enhancing public safety, supporting economic stability, maintaining infrastructure, and improving community well-being.

2. Partners: the Executive Committee will also receive benefits from project implementation due to investment being an important measure to deal with the consequences of unfavorable weather conditions. The city does not have enough financial resources to purchase these vehicles, so this will be a significant addition to the city's resources.

These advantages contribute to the overall resilience and livability of the community during winter months, and, given the all-season capability of the equipment, also in the warmer months to maintain the city's cleanliness and the functioning of critical systems and services and ease of movement for residents.

Location of the physical investment	
Country	Ukraine (UA)
NUTS 2	Ivano-Frankivsk Oblast (UA0M)
NUTS 3	Ivano-Frankivsk Oblast (UA0M0)
Street House number, Postal code, City	Maksymovycha St. 13, 76000, Ivano-Frankivsk

Risk associated with the investment

Describe the risk associated with the investment, go/no-go decisions, etc. (if any).

Currency devaluation – this might induce financial problems, unplanned expenses, increasing prices for equipment. In order to mitigate the risks associated with financial costs and inflationary processes, the city will ensure the proper financial management of the project and involve the additional funds from own resources if necessary.

Technical - absence on the market or delays with the supply of the equipment. The partners will properly plan the procurements and according to procurement experts' recommendations will select equipment with similar characteristics.

After the purchase and operation of the equipment, apart from technical risks associated with the operation of the equipment, no other risks were identified that would threaten the successful implementation of the project.

Investment documentation

Please list all technical requirements and permissions (e.g. building permits) required for the investment according to the respective national legislation. If these are already available, attach them to this application form, otherwise indicate when you expect them to be available.

After purchasing the equipment, all the necessary documentation will be received.

For investments in infrastructure with an expected lifespan of at least five years, please indicate whether an assessment of expected impacts of climate change has been carried out. Should it be necessary, you must be ready to submit this documentation to the relevant programme body/ies.

The purchased equipment will not have a negative impact on climate change but will help to cope with its consequences.

Ownership

Who owns the site where the investment is located?

The Executive Committee as a lead partner will purchase equipment and after the tender will transfer it directly to the balance of the Municipal Road Company. The municipal enterprise will be the user and balance holder, responsible for its use and maintenance, at the same time the owner will be the City Council.

Who will retain ownership of the investment at the end of the project?

After the project implementation, the municipal enterprise Municipal Road Company will be the user and balance holder of the investment, and the ownership over the investment will remain with the community of Ivano-Frankivsk represented by the City Council.

Who will take care of the maintenance of the investment? How will this be done?

The municipal enterprise Municipal Road Company where the equipment will be located, will be responsible for its maintenance as a user and balance sheet holder - the ME's budget includes special funds for maintenance, repairs if necessary, and service, and there are employees to ensure the maintenance of the equipment.

Investment 1.2

Title

Snow-clearing and alarm equipment for PTCPs of BM

Justification

Please explain why this investment is needed.

The investment in Baia Mare includes:

1. Electronic sirens 600kw 2 pcs.
2. Electronic sirens 1200kw 20 pcs.
3. Backhoe loader.
4. Slope bucket 1524 mm (accessory).
5. Vegetation chopper - 1.3m (accessory).
6. Platform on chassis - 22m.
7. Electric car - Civil Protection.

8. Communication + IT equipment (telephone, computer, multifunctional, licenses).

Backhoe loader ensures the construction and proper maintenance of rainwater drainage ditches and gutters, the removal of wood and waste from riverbeds, from sections of bridges and decks, and participates in the removal of bridges or ice dams (sleet). The platform on chassis is needed to avoid power outages, with negative consequences, both from an economic and social point of view, the damage and breakage of electric lines and even electric poles that can lead to serious accidents or the occurrence of fires. UATs and the owners of the land where the electrical networks are located, will take measures to cut and correct the vegetation, where it affects the proper functioning of the electrical distribution installations. Electronic sirens will be used to inform citizens about possible threats like flooding, and ice and combat the effects of accidental pollution. The electric car for Civil Protection will be used to limit and remove the negative effects of emergencies. Communication and IT equipment will be committees and operational centers for emergencies.

This investment is needed precisely to limit the effects of some dangers that are largely independent of human nature and to which man is extremely vulnerable without basic notions; in the same way, the authorities - responsible - must be extremely well prepared to be able to support the population; disasters cannot always be prevented, but at least they can be met successfully and with as few losses of any kind as possible.

Please clearly describe the cross-border relevance of the investment.

Considering the immediate vicinity between the two countries and regions, a common approach in the field of climate change adaptation and disaster risk prevention and resilience, taking into account eco-system-based approaches, will significantly increase the results of actions in the field of environmental protection, focused at least on water, soil, air and climate, population and human health, fauna, flora and biodiversity. The installation and usage of alarms can serve as an exemplary model for effectively alerting the population in the border area. By integrating modern alarm technology, Baia Mare can be promptly informed about imminent dangers, thereby enhancing public safety. The successful deployment and operation of these alarms can inspire other border areas to adopt similar measures, ultimately leading to a more coordinated and effective emergency response network.

Please describe who is benefiting (e.g. partners, regions, end-users, etc.) from this investment, and in what way.

The beneficiaries of the investment:

- the staff of the Public Civil Protection Service at the level of Baia Mare Municipality, by increasing the response capacity in case of dangers/disasters/natural calamities;
- the citizens of Baia Mare municipality who, in case of emergencies, will benefit from the support provided by appropriately equipped specialized forces and means;
- the suppliers of goods and services who, following public procurement procedures, will be designated winners.

Location of the physical investment	
Country	România (RO)
NUTS 2	Nord-Vest (RO11)
NUTS 3	Maramureş (RO114)
Street House number, Postal code, City	Gheorghe Şincai 37, 430311, Baia Mare City

Risk associated with the investment

Describe the risk associated with the investment, go/no-go decisions, etc. (if any).

Risks associated with investment:

- insufficient funds - preventive measure: early inclusion in the local budget of the amounts necessary for the implementation of the project;
- delays in signing the contracts for the provision of services/goods provided by the project - preventive measure: clear procurement documentation, procedures started in time, to have the possibility of resuming the procurement procedure in case of non-presentation of compliant offers.

Investment documentation

Please list all technical requirements and permissions (e.g. building permits) required for the investment according to the respective national legislation. If these are already available, attach them to this application form, otherwise indicate when you expect them to be available.

After purchasing the equipment, all the necessary documentation will be received.

For investments in infrastructure with an expected lifespan of at least five years, please indicate whether an assessment of expected impacts of climate change has been carried out. Should it be necessary, you must be ready to submit this documentation to the relevant programme body/ies.

The purchased equipment will not have a negative impact on climate change but will help to cope with its consequences.

Ownership

Who owns the site where the investment is located?

The municipality of Baia Mare holds the right of ownership/administration, as the case may be, for each location where the alarms purchased through the project will be placed. As the Public Transport and Civil Protection Service is subordinate to the municipality, the municipality of Baia Mare will be the owner of the investment.

Who will retain ownership of the investment at the end of the project?

The municipality of Baia Mare will maintain the right of ownership/administration, as the case may be, for each location where the alarms purchased through the project will be placed.

Who will take care of the maintenance of the investment? How will this be done?

The municipality of Baia Mare will take care of the maintenance of the investment, mainly through the Civil Protection Office, as follows:

- ensure the contracting of maintenance services for the equipment purchased through the project
- ensure the inclusion in the budget of the municipality of Baia Mare of the financial resources necessary for the payment of maintenance services, as well as the approval of the budget requested by the decision of the local council
- permanently monitor the operating status of the equipment purchased through the project and takes immediate measures in case of any deficiencies/risks of damage
- other emergency measures, as the case may be.

C.5 Project Results

What do you expect to change because of the activities you plan to implement and the outputs you plan to deliver? Please take a look at the programme result indicators and select those that you will contribute to.

Result 1	
Programme result indicator	RCR84_1.1: Organisations cooperating across borders after project completion
Measurement unit	organisations
Baseline	0,00
Target value	4,00
Delivery period	Period After project implementation
Result description	4 organizations - Ivano-Frankivsk City Council, Municipal Road Company, Baia Mare Municipality, and the Public Transport and Civil Protection Service will continue cooperation after project completion.

Result 2	
Programme result indicator	PSR1: Population benefiting from protection measures against climate related natural disasters
Measurement unit	persons
Baseline	0,00
Target value	397.043,00
Delivery period	Period 6, 21 - 24
Result description	The entire population of Ivano-Frankivsk (288 243 people) and Baia Mare (108 800 people) will benefit from the project results.

Result 3	
Programme result indicator	RCR85_1.1: Participations in joint actions across borders after project completion
Measurement unit	participations
Baseline	0,00
Target value	60,00

Result 3	
Delivery period	Period 6, 21 - 24
Result description	This number counts the participants of events arranged by partners after project implementation (joint trainings and exchanges).

C.6 Project Time Plan

	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	After End
WP1 Joint activities for improvement of weat...							
A1.1 Project opening conference in IF	D1.1.1						
A1.2 Project opening conference in BM	D1.2.1						
A1.3 Promotional and awareness-raising C...						D1.3.1 D1.3.2 D1.3.3	
A1.4 Mid-project press conference in Bai...				D1.4.1			
A1.5 Local trainings for students in IF		D1.5.1					
A1.6 Local trainings in Ivano-Frankivsk ...				D1.6.1			
A1.7 Final conference in IF						D1.7.1	
A1.8 Delivery period			D1.8.1			D1.8.1	
A1.9 Audibility study		D1.9.1					
A1.10 Final press conference in Baia Mare						D1.10.1	
A1.11 Local emergency training in Baia M...					D1.11.1		
A1.12 Joint experience exchange in Baia ...					D1.12.1		
A1.13 Joint workshop in Baia Mare					D1.13.1		
A1.14 Experience exchange in Ivano-Frank...				D1.14.1			
A1.15 Joint workshop in Ivano-Frankivsk ...		D1.15.1					
A1.16 Equipment purchase in both countri...					D1.16.1 D1.16.2		
RCO24_1.1						O1.2	
RCO81_1.1						O1.3	

<i>RCO87_1.1</i>						O1.1	
Result indicator							
<i>PSR1</i>						R2	
<i>RCR84_1.1</i>							R1
<i>RCR85_1.1</i>						R3	

C.7 Project management

In addition to the thematic work you will do in your project, you will need time and resources for coordination and internal communication. Please describe below how you plan to organise yourself to ensure the project work runs smoothly.

C.7.1 How will you coordinate your project?

Who will be responsible for coordination? Will you have any other management structures (e.g., thematic groups, WP managers)? How will the internal communication work?

The project will be managed in compliance with the PRINCE2 methodology. The Joint Steering Committee (JSC) will be appointed, which is a decision-making body composed of decision-makers from both partners. It will meet 2 times offline (2 representatives from each PP). It will make strategic decisions, solve essential problems, and manage risk and quality based on Project Teams (PT) information. This decision-making structure will result in smooth project coordination and implementation and high-quality reporting.

Each PP will establish a Project Team (PT). There will be 2 offline PT meetings during the project (in Ivano-Frankivsk and Baia Mare). The first one will be the kick-off PT meeting that will be organised in IF in the second month of project implementation to define the project management system and secure sound project management. The second one will be held in Baia Mare at the end of the project. Additional PT meetings will be organised during joint events in the project.

LP Project Team will consist of the Project Manager (PM) and Financial Manager (FM). PM will be responsible for delivering the project; managing the production of the required deliverables; planning and monitoring the project; managing project risks; monitoring overall progress and use of resources; reporting on project progress; and providing the interaction between the partners and stakeholders. FM of LP will be responsible for ensuring the financial conformity of expenses necessary for the project's implementation; providing financial reports and interpreting financial information to managerial staff; accounting and project bookkeeping; work with banks; and forecasting exchange rate fluctuations.

LP will also engage external experts for successful project implementation. The communication expert will carry out the communication and media-related activities, coordinate the works related to communication between partners, ensure project visibility in media, prepare informational materials, as well as participate in all project events. A procurement expert (PE) will be engaged in the organization of tenders for procurement: preparation of documents, technical specification, tender schedule, organization and control of approval of the tender results.

PT of Baia Mare Municipality will include a Project Manager (PM), Assistant Manager (AM), Accountant, Public Procurement Expert, and Technical Expert. The PM will coordinate and ensure project implementation and will be responsible for planning, managing project risks, monitoring overall progress and coordinating PT work. AM will assist the PM with the tasks related to project implementation and reporting, as well as carry out communication tasks. Accountant will be responsible for financial management, ensuring the financial conformity of expenses, preparing financial reports. Procurement Expert will ensure expert support and coordinate the process for the public procurement. Technical Expert will be responsible for technical management, verify conformity of technical documentation, coordinate activity of designing engineer and construction site inspector. Representatives of PT of each PP will meet up online as needed and discuss all current work and coordinate all activities. Communication between the partners will be carried out daily via ICT tools: e-mails, Zoom calls, communication platforms, etc.

PTs will report to JSC. JSC will do monitoring and evaluation at each meeting (JSC will assess the quality of deliverables and outputs, achieving of results and specific objectives, quality and effectiveness of management, communication and partnership, risk management, etc.).

Each PP will monitor and internally evaluate the project implementation, the procurement procedures will be performed respecting each partner's national law and the principle of equal opportunities; the accounting operations will be recorded, and the documents will be kept in order to prove the attainment of the project objectives.

Currently, both PPs have sufficient management experience in national and cross-border projects, technical potential, organizational resources and infrastructure to guarantee proper project implementation.

C.7.2 Which measures will you take to ensure quality in your project?

Describe specific approaches and processes and responsible partners. If you plan to have any type of project evaluation, please describe its purpose and scope here.

To guarantee the successful implementation of the project, each partner will establish a project team, whose members will be responsible for completing their assigned tasks on time and to a high standard, aiming to achieve the set objectives and results. Project Partners will ensure that team members have the necessary skills and training to perform their tasks effectively. A supervisory board, known as the Joint Steering Committee, will oversee strategic decision-making, solve critical issues, and manage risks and quality control, based on the information provided by the Project Teams (PT).

The project managers will be responsible for delivering the project; managing the production of the required deliverables; planning and monitoring the project; managing project risks, monitoring overall progress and use of resources, initiating corrective action where necessary; reporting through agreed lines on project progress; providing the interaction between the partners and stakeholders.

Each PP will monitor and internally evaluate the project implementation, and if needed, necessary adjustments will be made to ensure successful project implementation; the procurement procedures will be performed respecting each partner's national law and the principle of equal opportunities: offering equal opportunities to both service and work providers; the accounting operations will be recorded, and the documents will be kept in order to prove the attainment of the project objectives.

The project management team will evaluate the project progress based on periodic reports. The purpose of the project team will be to ensure all the necessary resources and to collect information and documents to evaluate the efficient project implementation. The evaluation will use the data obtained from the permanent monitoring process as well as information collected with a view to the enforcement of the likely necessary implementation corrections. The reporting (interim and final) will be done by each Partner and the consolidated report will be prepared by the Lead Partner.

To ensure the quality of the "Sustainable Weather Emergency Management (SWEM)" project implementation, its compliance with the set goals at all stages of its implementation, the project team will take measures to ensure the quality of the project, including an assessment of the quality of implementation, costs, and timing. These measures are aimed at taking into account various aspects, from technical implementation to communication and risk management.

Implementing the "Sustainable Weather Emergency Management (SWEM)" project and achieving its main goal is a comprehensive task, and quality assurance in this context includes a number of special measures and processes. Thus, PPs will apply the following specific approaches and processes for the quality implementation of the project:

1. Creation of a detailed project plan: at the beginning of the project implementation, a project team will be formed and responsibilities for project team members will be defined, a specific plan of project activities will be formed, specific deadlines for each activity will be determined, and project team members will be assigned to each activity. PPs clearly defined the project scope, objectives, and deliverables to avoid misunderstandings. PTs will implement regular quality checks and reviews.
2. Risk management: Partners will identify potential risks associated with the project and develop strategies to mitigate them. PPs will regularly assess and reassess risks throughout the project lifecycle.
3. Communication: Partners will establish clear and effective communication channels among the project team, partners and other stakeholders (email, online meetings, messengers, phone, media). PPs will use collaboration tools, video conferences, and regular updates to keep everyone informed about the project progress; will establish a feedback mechanism to gather insights from team members regarding challenges and improvement opportunities and use this feedback to continuously enhance processes and address issues promptly. PPs will ensure collaborative decision-making to involve all team members in important project decisions.

4. Change management: PPs will define procedures for effective change management within the project and for responding to new challenges or specific problems.
5. Internal evaluation: PPs will conduct an internal periodic evaluation of project implementation to identify possible problems and ensure compliance with the project plan, to assess project progress, adherence to quality standards, and compliance with established processes.
6. Legal and regulatory compliance: PPs will ensure compliance with legal and regulatory requirements in Ukraine and Romania, as well as the Programme rules, as well as stay updated on any changes in regulations that may impact the project.

C.7.3 What will be the general approach you will follow to communicate about your project?

Who will coordinate project communication and how will he/she ensure the involvement of all partners? How will the communication function contribute to transfer your project results? Please note that all communication activities should be included in the work packages, as an integral part of your project. There is no need to repeat this information here.

To ensure a successful communication campaign, a project communication plan will be developed with clear goals, objectives and messages for each target audience. This multichannel communication approach will utilize various media, including online platforms, social media, traditional media, and direct engagement with stakeholders. The approach will be transparent, timely, and customized for different target audiences, such as the media, project partners, local communities, educational institutions, NGOs, and the general public. Throughout the communication campaign, information about the progress and results of the project will be constantly updated. The Communication Expert, appointed by the Lead Partner, will oversee project communication. This dedicated role within the project team will ensure effective coordination. The Communication Expert will collaborate closely with all project partners to guarantee their active participation in communication activities.

Additionally, the PP Assistant Manager will ensure project implementation management, according to the funding contract and the specific provisions of the funding source. AM will carry out specific Public Relations tasks: drafts press releases, organises press conferences, drafts promotional materials according to the funding source requirements, ensures the observation of visual identity regulations. AM will draft and bring into force project implementation and reporting procedures (progress reports, reimbursement requests etc).

The communication expert will engage in tasks pertaining to communication and media, oversee communication-related work among partners, implement the communication strategy, carry out media coverage, and interact with the press. Additionally, will provide communication support for the project and its various components, ensure the project's media visibility, coordinate the development of the project identity, and prepare informational materials. The expert will also participate in all project events. A key responsibility will be development of the Project Communication Plan and monitoring of its implementation.

The Communication Expert will also work closely with designated contacts within each partner organization to facilitate information exchange and collect relevant content. Communication activities are seamlessly integrated into the project work package and all associated activities, ensuring that information dissemination is a continuous and essential aspect of the project lifecycle. The communication function will be crucial in transferring project results by:

- All stakeholders will receive regular updates on project progress, milestones, and achievements to keep them informed about the project's advancement.
- Case studies, success stories, and best practices will be used to highlight successful implementations and outcomes, showcasing the tangible results achieved.
- Active engagement with stakeholders, including local communities, educators, NGOs, and relevant authorities, will be a key part of communication activities to ensure that project results are widely disseminated and understood.
- Various communication channels, such as online platforms, workshops, conferences, and publications, will be utilized to reach diverse audiences and effectively convey project results.

By embedding communication as a core element of our project's work packages, we aim to ensure the seamless transfer of project results, maximize impact, and keep the broader community well-informed about the project's outcomes and lessons learned.

C.7.4 How do you foresee the financial management of the project and reporting procedures for activities and budget (within the partnership and towards the programme)?

Define responsibilities, deadlines in financial flows, reporting flows, project related transfers, reclaims, etc.

During the implementation of the project, the city of Ivano-Frankivsk will have financial manager in the project team and the Municipality of Baia Mare will have Accountant as a Financial Manager of the project, who will be responsible for the financial part of the implementation of the identified activities. In Ukraine, this will be a specially hired specialist under a fixed-term employment contract. In Romania, it will be an employee of the Baia Mare City.

Financial managers will be responsible for coordination and supervision of all project financial operations according to Partnership Agreement, Grant Contract, Programme Manual and National Legislation of Romania and Ukraine.

The Financial Manager of the Lead Partner will be responsible for communication with the Programme bodies, namely with Joint Technical Secretariat and the Management Authority. LB also will receive the EU contribution from the Managing Authority for the implementation of joint project activities. It will ensure the distribution of funds to the beneficiary as quickly as possible and in full accordance with the arrangements set in the Partnership Agreement, without deducting any amount. It will assume the responsibility for the implementation of the entire project.

According to the defined terms, financial managers will be responsible for preparing and submitting financial reports for auditing. The financial manager of the Lead Partner will be responsible for preparing the consolidated report and submitting it to the Managing Authority.

At least 10% of the total project costs according to the prepared budget will be covered by the partners' own resources, as required by the Programme rules.

The financial situation of Ivano-Frankivsk and Baia Mare as local government units guarantees stable management of the project and its objectives, outputs, and results during and after its implementation. They have the financial capacity to implement the project.

The partners will secure in the budgets of their cities the funds necessary to implement the project and cover their contribution and any unplanned expenses (e.g. in the event of price increases, coverage of currency fluctuations, etc.). The funds necessary for project co-financing will be secured in both city budgets for 2025 and 2026.

C.7.5 Cooperation criteria

Please select all cooperation criteria that apply to your project and describe how you will fulfil them.

Cooperation criteria	Description
Joint development	<p>Over the past few months, partners met several times online and 1 time Ivano-Frankivsk team visited Baia Mare in person enabling real-time discussion and brainstorming to prepare the application form. Applicants made a join group in messenger for faster communication and exchange of ideas between meetings.</p> <p>Yes Online folders were made on Google Drive for jointly elaboration of the project concept. This enabled transparent file sharing and efficient remote collaboration on key documents. Both sides equally took an active part in gathering information and justifying the project relevance, formation of objectives and activities, calculation of budget, roles/contribution of each partner.</p>

Cooperation criteria	Description
Joint implementation	<p>Partners are committed to maintaining this collaborative exchange throughout the project implementation by adapting to any emerging needs and priorities. Both sides will jointly manage project, namely supervise the entire project and ensure that the activities are carried out according to the project schedule and within the budget. Implementation responsibilities will be equitably divided based on each partner's expertise and local context.</p> <p>Yes</p> <p>Opening conferences, studying with students, exchanges of experience, trainings, workshops - joint and local will contribute to quick acquaintance and fruitful cooperation between the main stakeholders. All the listed events will contribute to the formation of a common vision and developing plan of dealing with weather-related crises. Partners will also exchange experience in the course of infrastructural improvements to be performed in project target locations through the insight into the progress of works.</p>
Joint staffing	<p>Partners plan to involve joint staff - the project steering committee will be appointed, which is a decision-making body composed of decision-makers from all partners. It will manage the project implementation in general. The benefits of establishing a steering committee were observed during the previous joint project, Safe Future, 1HARD/4.3/36. The committee members provided assistance in finding solutions during challenging scenarios and expedited the process of obtaining necessary approvals/agreements.</p> <p>Yes</p> <p>The project teams of both partners will be responsible for the day-to-day implementation of the planned activities. The project teams should be led by projects managers, which will ensure interaction between the partners and stakeholders. Managers will connect frequently to align on timelines, resource needs, results and challenges. Partners will also engage external experts for the project specific tasks.</p> <p>Core project staff will be included in exchanges, events and activities to foster direct collaboration with counterparts.</p>
Joint financing	<p>Partners have transparently outlined and agreed upon the budget division based on their respective roles and implementation costs in each location. Applicants agreed to co-finance the project equally in proportion of 10% to their anticipated budgets. The costs associated with integrated actions have been meticulously divided among the applicants in alignment with their designated roles. Each project partner is committed to preparing comprehensive financial reports in strict adherence to all stipulated requirements, ensuring transparency in financial matters.</p> <p>Yes</p> <p>Procurement and contracting will be discussed across partners if relevant to ensure efficient use of funding. Any relevant knowledge will be shared between financial staff among partners on best practices for administration, reporting, auditing and effective usage of funds.</p>

C.7.6 Horizontal principles

Please indicate which type of contribution to horizontal principles applies to the project, and justify your choice.

Horizontal principles	Type of contribution	Description of contribution
Sustainable development	positive effects	The project focuses on snow cleaning and prevention of emergency situations in the city, incorporating environmentally friendly de-icing methods and materials. By organizing workshops and creating educational materials on sustainable snow removal practices, the project promotes the use of eco-friendly alternatives to traditional, potentially harmful de-icing chemicals. This reduces environmental impact and helps protect local ecosystems. Additionally, the project's emphasis on sustainability aligns with broader climate action goals by encouraging practices that mitigate adverse environmental effects associated with winter road maintenance.
Equal opportunities and non-discrimination	neutral	Impact has been marked as neutral as this is not the focus of foreseen activities within the project. However, non-discrimination is integral to all the activities both in terms of internal project organisation and of stakeholder involvement. Project partners ensure that equal opportunities and non-discrimination are respected in all project activities. This refers to: management structure, stakeholder involvement, supplier selection. Participative methodologies and inclusive digital tools are used for all events to encourage dialogue and exchange, involving people with different backgrounds and abilities.
Equality between men and women	neutral	Impact has been marked as neutral as this is not the focus of foreseen activities within the project. Project partners are aware and share the principles of the Gender Equality Strategy 2020-2025 and its main objectives: ending gender-based violence; challenging gender stereotypes; closing gender gaps in the labour market; achieving equal participation across different sectors of the economy; addressing the gender pay and pension gaps; closing the gender care gap and achieving gender balance in decision-making and in politics. All project partners promote equality between men and women in their daily work and their approach to the issue is translated into all the activities carried out within the project.

C.8 Long-term plans

As a programme, we would like to support projects that have a long-lasting effect in the territory and those who will benefit from them. Please describe below what you will do to ensure this.

C.8.1 Ownership

Please describe who will ensure the financial and institutional support for the outputs/deliverables developed by the project (e.g., tools), and explain how these outputs/deliverables will be integrated in the work of the institutions.

The project's outputs and deliverables will receive financial and institutional support through the participation of city administrations. These administrations will contribute to the project's budget using their funding sources, providing a stable and sustainable financial foundation for the project's outcomes.

Ownership of the equipment

The Municipal Road Company will be the user and balance holder and will be responsible to ensure that the equipment will be maintained and used for years to come, while the Ivano-Frankivsk City Council will be the owner of equipment as a representative of the Ivano-Frankivsk city community. In Baia Mare equipment will be purchased by the Municipality and will remain on the balance sheet of the municipality. These will ensure that the equipment is well cared for long after the project's end.

Financial sustainability

Participation of the cities' local authorities in the project guarantees the stable functioning of the equipment and results of the project. The size of cities' budgets are sufficient to ensure that there is no risk of underfunding the project. Respective budget reports for the previous years are added to the project. In addition, project funding is distributed so that project partners receive money according to their needs. Both project partners have enough money to support the operation of purchased equipment in the future.

Institutional sustainability

Project partners will also take steps to ensure the institutional sustainability of the equipment. This includes:

- qualified, appropriate staff of both institutions will maintain the equipment and engage service providers as needed;
- providing ongoing support: partners will provide ongoing support to the MRC of Ivano-Frankivsk and PCPS of Baia Mare to help them integrate the new equipment into their workflows and ensure its continued use.

Political sustainability

The project will proactively engage with policymakers and decision-makers at the local and regional levels to foster a supportive political environment for the long-term success of the project's objectives. This engagement will focus on two key areas:

- policy development: the project will collaborate with policymakers to develop and implement policies and regulations that promote the use and maintenance of the new equipment. This includes advocating for policies that allocate sufficient funding for MRC and PCPS and that support the training and professional development of employees;
- public awareness campaign: the project will launch a comprehensive public awareness campaign to educate the public on how to deal with and prevent emergencies caused by snowstorms and how to maintain challenges caused by natural disasters in the city. This campaign will utilize a variety of media channels, including television, radio, print, and social media, to reach a broad audience.

C.8.2 Durability

Some outputs/deliverables should be used by relevant groups (project partners or others) after the project's lifetime, in order to have a lasting effect on the territory and the population. For example, new practices in urban transport need to be used by local authorities to have cleaner air in the city, and the whole population will benefit from this. Please describe how your outputs/deliverables will be used after the project ends and by whom.

To ensure that the project's impact is lasting and sustainable, the beneficiaries will take several steps to ensure the durability of the project results and its continued use beyond the project's lifetime.

Durability of equipment

High-quality equipment will be purchased. This equipment is built to last and can withstand work on daily use including heavy weather conditions. In addition, a comprehensive maintenance and service plan will be developed and implemented to ensure that the equipment is kept in top condition. The plan will include regular inspections, preventive maintenance, and prompt repairs.

Upscaling project outputs through knowledge sharing

The project outputs will be up-scaled by sharing practices between involved municipal institutions. The joint approach and exchange of experience between the staff of both institutions that will use the equipment will allow for the adoption of relevant and new experiences that will improve skills and extend the project results for a long period beyond the project's end.

Durability of outputs through promotional activities

Promotional activities will help the project to stay relevant to the residents of both cities not only during the project implementation but also after it is over. Among the promotional activities, the development of an e-guide for Ivano-Frankivsk and Baia Mare on how to properly clean and sprinkle roads in winter, eco-friendly solutions, and useful tips for residents to promote environmental responsibility and increase community preparedness for winter conditions will help to sustain the results and interest in the project for a longer time. Also in Baia Mare, the distribution of project brochures and information about the main objectives of the project will allow the project to continue its impact long after its implementation.

C.8.3 Transferability

Some outputs/deliverables that you will deliver could be adapted or further developed to be used by other target groups or in other territories. What will you do to make sure that relevant groups are aware of your outputs/deliverables and are able to use them?

As the project activities will primarily benefit the residents of both cities, partners, and municipal institutions involved in the project, the results of the project will have a positive impact for years to come.

In addition to the main target groups, the project will also enable the neighbouring regions of Ukraine and Romania, and the programme area as a whole, to develop the area of disaster management, including the effects of snowstorms in cities.

The project results will be transferred as useful examples for other groups, organisations, cities, and countries:

- the examples of utilisation of purchased equipment to overcome consequences of natural disasters caused by weather conditions;
- an e-guide as an example of eco-friendly, handy, and accessible measures for awareness of the population about the ways of deicing pedestrian areas and instruction on how to act during and after heavy snowstorms;
- alarms and their automatic management as an example of an emergency alert for the population regarding dangers caused by natural and weather conditions;
- use of ecological materials to sprinkle roads as an example of sustainability and care for the environment and distribution of information on alternative materials among the population of both cities.

Therefore, the project will showcase several good practices that can be transferred, used and upscaled by other cities of the Programme territory and beyond.