

Project idea form - small projects

Version 2.1

Registration no. (filled in by MA/JS only) _____

Project Idea Form

Date of submission 04/06/2025

1. Project idea identification

Project idea name	Environmental Data Acquisition Center with UAV Systems
Short name of the project	SkyData Center
Previous calls	yes <input type="radio"/> no <input checked="" type="radio"/>
Seed money support	yes <input type="radio"/> no <input checked="" type="radio"/>

2. Programme priority

1. Innovative societies

3. Programme objective

1.2. Responsive public services

4. Potential lead applicant

Name of the organisation (original)	Urząd Marszałkowski Województwa Mazowieckiego w Warszawie
Name of the organisation (English)	Marshal Office of the Mazowieckie Voivodeship in Warsaw
Website	www.mazovia.pl
Country	PL



Type of Partner	Regional public authority
	regional council, etc.

Contact person 1

Name *(max. 100 characters incl. spaces)*

Email *(max. 100 characters incl. spaces)*

Phone *(max. 100 characters incl. spaces)*

Contact person 2

Name *(max. 100 characters incl. spaces)*

Email *(max. 100 characters incl. spaces)*

Phone *(max. 100 characters incl. spaces)*

Which organisation(s) in the planned partnership take part in a project within the Interreg Baltic Sea Region Programme for the first time? Please list the respective partners.

(max. 500 characters incl. spaces)

5.1 Specific challenge to be addressed

Creation of a system for supervision over the the places where the exploitation of deposits has been completed and the process of land reclamation using waste has begun, waste disposal sites and installations emitting gases and dust into the air using UAV systems (Unmanned Aerial Systems). The main task of the system will be to obtain spatial data together with their processing and analysis and to use it during control, identification of the types of waste used in the reclamation process and supplementation of the collected evidence with reliable data. In cooperation with the project Partners, detailed procedures for the use of the system and internal processes leading to the finalization of environmental proceedings will be defined.

The use of the system will bring tangible benefits in the form of:

- shortening the time of environmental and control proceedings thanks to quick access to current, undisputed and precise data,
- reducing operating costs associated with traditional methods of obtaining information in the field,
- increasing the efficiency and effectiveness of control activities,
- reducing the risk of human errors through automation of measurement and analytical processes,

- prevention of groundwater and soil pollution.

This system will become a tool supporting modern, sustainable and data-driven environmental management in the region, detecting illegal waste management.

5.2 Focus of the call

The services provided by the Environmental Data Acquisition Center will be available mainly in remote areas. UAVs have a wide range of applications in environmental monitoring. Drones equipped with high-resolution cameras, multispectral sensors, LiDAR scanners along with the necessary data processing software, can provide detailed information on exploitation of deposits, their reclamation, waste disposal sites and installations emitting gases and dust. Also they can detect waste that poses a threat to the environment. Environmental protection authorities identify cases of illegal waste use that harms the environment. The provided services enable protection of the soil and groundwater against pollution from waste that should not be used in the reclamation process.

6. Transnational relevance

International cooperation is key to meeting the challenges in the planned project. First of all, it is the diversity of perspectives. Each of the international Partners contributes their experience and knowledge to the implementation of the project, which allows for the development of innovative products or solutions to emerging project issues. In addition, the implementation of the project in an international partnership allows for the implementation of solutions on a wider scale, which increases the project's potential and its success. Additionally, the international partnership in the project will strengthen relations between countries. In the Baltic Sea countries the reclamation of degraded areas using waste is an increasingly common practice, consistent with the assumptions of the circular economy. Therefore, the exchange of experience and knowledge between different regions will contribute to the construction of a more effective and useful tool.

7. Specific aims to be addressed

Building trust that could lead to further cooperation initiatives

Project execution across organizations in different countries should start with clear, transparent communication about goals, roles, timelines, and expectations. Cultural awareness and respect for different work styles will help bridge potential gaps. Consistency in meeting commitments, keeping data safe, and responding to challenges will build credibility. Using collaboration tools, regular updates, and shared decision-making will foster inclusion and accountability. Over time, these practices will build a solid foundation of trust, encouraging further collaboration and scaling of shared digital initiatives.

Initiating and keeping networks that are important for the BSR

Networking between organizations in the Baltic Sea Region requires a comprehensive and inclusive approach. It starts with identifying common challenges and goals across sectors and countries, such as environmental monitoring and protection, creating a solid basis for cooperation. Regular



communication, mutual trust, and clearly defined roles are key to keeping networks active and effective. Digital platforms and joint events can support continuous engagement, while showcasing tangible results keeps members motivated. Inclusiveness—inviting public authorities, businesses, academia, and civil society—ensures diverse perspectives and stronger impact. Long-term commitment, supported by stable coordination and funding, helps transform networks into lasting partnerships that drive sustainable development in the region.

Bringing the Programme closer to the citizens

Project goals, benefits and opportunities should be visible, accessible and relatable for the citizens. This involves using clear, citizen-friendly language, engaging communication channels and storytelling that highlights real impacts on people's lives. Local events, workshops and partnerships with community organizations can help create direct contact points. Digital tools, social media, and interactive platforms can further boost outreach, especially among younger audiences. Involving citizens in consultations and feedback processes fosters a sense of ownership and relevance. By making the project tangible and inclusive, public awareness and trust grow—laying the groundwork for active participation and long-term support.

Allowing a swift response to unpredictable and urgent challenges

Environmental Data Acquisition Center providing accurate and comprehensive data and strong cross-border collaboration can allow a swift response to unpredictable and urgent challenges. In the Baltic Sea Region, integrated environmental monitoring is essential to deal with soil and groundwater pollution threats early. By investing in UAV systems and shared data platforms, the region can strengthen resilience and act decisively when crises arise.

8. Target groups

1. Department of Digitization, Geodesy and Cartography, Marshal Office of Mazowieckie Voivodeship (project leader),
2. Mazovian Office of Geodesy and Agricultural Facilities in Ostrołęka (Regional Data Acquisition Center operator),
3. Department of Waste Management, Emissions and Integrated Permits, Marshal Office of Mazowieckie Voivodeship (recipient of services),
4. Environmental protection authorities (starost, Voivode, Regional Director for Environmental Protection),
5. Geological administration authorities.

Please use the drop-down list to define up to five target groups that you will involve through your project's activities.	Please define a field of responsibility or an economic sector of the selected target group	Specify the countries and regions that the representatives of this target group come from.
1. Regional public authority	Digitization, Geodesy and Cartography	Poland, Mazowieckie Voivodeship

2. Regional public authority	Environment protection	Poland, Mazowieckie Voivodeship
3. Interest group	Agriculture	Poland, Mazowieckie Voivodeship

9. Contribution to the EU Strategy for the Baltic Sea Region

Please indicate if your project idea has the potential to contribute to the implementation of the Action Plan of the EU Strategy for the Baltic Sea Region (<https://eusbsr.eu/implementation/>).

yes ☒ no ☐

Please select which policy area(s) of the EUSBSR your project idea contributes to most.

PA Innovation

The MA/JS may share your project idea form with the respective policy area coordinator(s) of the EUSBSR. You can find contacts of PACs at the EUSBSR website (<https://eusbsr.eu/contact-us/>).

☐ If you disagree, please tick here.

10. Partnership

A project partnership will involve organizations from different countries of the Baltic Sea Region to address shared regional challenges and leverage collective expertise to drive sustainable development, innovation, and policy alignment. This partnership bring together local governments and academic institutions, combining practical governance capabilities with research-based knowledge and innovation capacity.

Local governments will play a crucial role by contributing their understanding of local needs, administrative experience, and the ability to implement policy changes or pilot actions at the regional level. This will ensure that project outcomes will be grounded in real-world challenges and are capable of informing or improving public service delivery, regional planning, and environmental management. Their involvement will also facilitate stakeholder engagement and ensure alignment with broader regional and national strategies.

Academic institutions will contribute scientific knowledge, methodological rigor, and analytical tools necessary for evidence-based decision-making. Their role include conducting baseline research, monitoring and evaluation, capacity building, and dissemination of findings. Through this, they will help translate complex problems into actionable strategies, fostering innovation and ensuring long-term impact. Additionally, their participation will support the development of cross-border academic networks and enhance regional research excellence.

11. Workplan

Stage 1 - Detailed analysis of the Partners needs and requirements.
 Stage 2 - Defining detailed areas of application and selecting technologies.
 Stage 3 - Design documentation, procedures and processes.
 Stage 4 - Delivery of the necessary technical infrastructure.
 Stage 5 - Training, testing, acceptance of works, production launch.

12. Planned budget

ERDF budget (planned expenditure of partners from the EU)	EUR 500,000.00
Norwegian budget (planned expenditure of partners from Norway)	EUR 0.00
Total budget (including preparatory costs)	EUR 500,000.00

13. Project consultation

Please indicate if you wish to have a consultation (online meeting) with the MA/JS to discuss your project idea

yes ☒ no ☐

14. Questions to the MA/JS

Questions related to the content of the planned project *(max.1.000 characters incl. spaces)*

Questions related to budgeting and expenditure *(max.1.000 characters incl. spaces)*

Any other questions *(max. 1.000 characters incl. spaces)*

15. Additional information

(max. 1.000 characters incl. spaces)



Your account in BAMOS+

Please remember that to officially submit your application you need to access our electronic data exchange system BAMOS+. More information about the process of applying for your account in BAMOS+ you will find here:

<https://interreg-baltic.eu/gateway/bamos-account>