

OUTPUT FACT SHEET

Pilot actions (including investment, if applicable) Version 2

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| Project index number and acronym | CE89 LUMAT |
| Lead partner | IETU, Katowice |
| Output number and title | O.T3.1. Report on priority map and its implementation to regional environmental management system |
| Investment number and title (if applicable) | n.a. |
| Responsible partner (PP name and number) | PP9 - Institute for Sustainable Development of Settlements & PP10 Moravian-Silesian Investment and Development |
| Project website | https://www.interreg-central.eu/Content.Node/LUMAT.html |
| Delivery date | April 2019 |

Summary description of the pilot action (including investment, if applicable) explaining its experimental nature and demonstration character

This pilot action began to emerge for the Moravian-Silesian Region in 2017. At that time a number of sites were already registered within the Contaminated Sites Database System (SEKM), but it was assessed that the number of potentially hazardous sites was in fact much larger. The aim of this pilot action was to point out the lack of comprehensive mapping of potentially contaminated sites in the Contaminated Site Records System (SEKM). The challenge was to point out the need to map these sites. The pilot action includes an evaluation of 52 sites that have been selected based on determined criteria to show the possible scope of the problem. Therefore, it is not a comprehensive supplement to the records. For 20 sites, the suspect was assessed by a specialised company. And all were subsequently inserted into the SEKM. The aim of this pilot action was to support the implementation of the Action Plan and to focus on one territory for a detailed demonstration of how big is the problem of potentially contaminated sites. As the application area were selected the cadastral area of the town of Orlová and the cadastral area of the neighbouring village of Doubrava. Based on the detailed evaluation of localities in Orlová and Doubrava, it can be stated that the number of unregistered and potentially contaminated sites may constitute a significant part of the municipality.

The extent of the problem is documented in the selected area. Potentially contaminated as well as unrecorded areas pose a threat to territorial development.

NUTS region(s) concerned by the pilot action (relevant NUTS level)

CZ08, Moravskoslezsko

Investment costs (EUR), if applicable

Investment cost was not used.

Expected impact and benefits of the pilot action for the concerned territory and target groups and leverage of additional funds (if applicable)

The document of pilot action with maps, was handed over to the representatives of the region. The success of the project can be seen in the fact that, thanks to a two-year discussion, the Ministry of the Environment was convinced to decide to register so far unregistered potentially contaminated sites in the Czech Republic and to include them in the Contaminated Sites Database System registration (it is expected to be 20,000 sites in the Czech Republic).

Sustainability of the pilot action results and transferability to other territories and stakeholders.

The Regional Authority should pay attention to mapping potentially risky sites. The system of potentially contaminated sites registration and the way of visualization and evaluation - Priority evaluation is being prepared within the region for the next FUA in Moravian Silesian region. The transferability of the method of registration (as prepared and tested in the preparation of the Priority Map in LUMAT project) is an important element of sustainability.

This is a transfer to FUA Karvina. It is a transfer of the method of registration tested during the preparation of the Priority Map for FUA Ostrava. This transfer is already taking place within the regional project Pohornická krajina 2020. (After mining Landscape2020).

Another important element of sustainability is the transfer of the method of recording and visualization of potentially contaminated sites to the interdepartmental commissions of the National Brownfields Regeneration Strategy. Within the framework of this national strategy, the results of the Priority Map will be used in the system of mapping potentially hazardous areas, the Priority Map and the method of its registration became part of the National Inventory of Contaminated Sites (NIKM) project.

This project is currently running and its results, which will cover the whole Czech Republic - more FUA - will be available according to information from the Ministry of the Environment in 2022.

The results of the National Inventory of Contaminated Sites and After Mining Landscape 2020 together with the Priority Map (LUMAT project) will be uploaded to the regional GIS portal based on the prepared methodology of the Ministry for Regional Development ((final version of methodology of collection and evaluation of territorial analytical data is expected 6/2020) .

This will also ensure the sustainability of the Priority Map and its gradual development. Thanks to this GIS platform, information will be available not only for environmental experts but also for strategic or spatial planners information including other FUA besides FUA Ostrava

Lessons learned and added value of transnational cooperation of the pilot action implementation (including investment, if applicable)

Priority map was applied within FUA Ostrava - within the Czech Republic. Foreign experience shows the necessity of detailed records of contaminated sites. Such detailed records are missing, for example in Poland. As part of the final conference, where the priority map was presented, they had the opportunity to get acquainted with how the records of contaminated sites are being worked within the Czech Republic.

Contribution to/ compliance with:

- relevant regulatory requirements
- sustainable development - environmental effects. In case of risk of negative effects, mitigation measures introduced
- horizontal principles such as equal opportunities and non-discrimination

Recording of contaminated sites follows the Methodological Instruction of the Ministry of the Environment. Information collected at the time of processing Priority maps with their structure fully comply with the Methodological Requirements. However, some problems or shortcomings of the Methodology were revealed during the processing. This information was passed on to the project National Inventory of Contaminated Sites (NIKM).representatives.

The main influence of the priority map is the impact on sustainable development, especially the environmental pillar. Unidentified contamination can pose a threat. It is therefore necessary to address the problems of potentially contaminated sites. Above all, mitigation measures are evidence. Comprehensive evidence can lead to the elimination of threats, but can also lead to an effective distribution of risk reduction resources. Potentially contaminated areas do not have a direct link to equal opportunities and non-discrimination. At the same time, it does not create a environment for not equal opportunities and discrimination.

References to relevant deliverables (e.g. pilot action report, studies), investment factsheet and web-links

If applicable, additional documentation, pictures or images to be provided as annex

Deliverable D.T3.6.1 - Report on priority map and its implementation to regional environmental management system.