

Output factsheet: Tools

Version 1

Project index number and acronym	CE1472 SALUTE4CE
Lead partner	Institute for Ecology of Industrial Areas
Output number and title	O.T1.2 Tool for supporting selection of solutions for UEA
Responsible partner (PP name and number)	PP3 Silesian Botanical Garden
Project website	https://www.interreg-central.eu/Content.Node/SALUTE4CE.html
Delivery date	December 2019

Summary description of the key features of the tool (developed and/or implemented)

This report contains methodology of selection of interventions for Urban Environmental Acupuncture (UEA) spots. This is another (apart from selection of spots) key element of methodological and strategic framework for planning & implementation of UEA at Functional Urban Area (FUA) scale, which is the subject of the SALUTE4CE project.

According to the UEA idea, the numerous interventions in many small spots (which should not exceed 0.2 ha) in a FUA can provide an effect for the FUA as a whole.

Methodology for selection of small spots was the first step. The next one is selection of solutions/interventions which can be implemented on these spots.

Generally, the proposed method and procedure results from state-of-the-art recognition regarding methods of selection for NBS for furnishing or strengthening of the urban green infrastructure. Due to the complexity of the issue, it is recommended that the assessment of possible interventions, followed by the identification of the best, be made by a team of professionals and stakeholders with different competences, so that there is sufficient knowledge regarding environmental, infrastructure, planning and social issues.

An important complement to the proposed methodology for selecting interventions is the proposal for a comprehensive set of rules, including quite detailed ones, regarding the selection of plants for UEA. These principles were selected and formulated in such a way that they would be helpful in planning and implementing interventions for any type of green-spot and for any type of NBS within the SALUTE4CE project profile.

The tool has been defined by the project partners for using in further project work for elaboration of action plans for urban environmental acupuncture. But also the methodology is ready to be used for other activities aiming at introducing nature based solutions in green infrastructure for urban areas.

NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)

The tool developed in the SALUT4CE project is concerning NUTS region of the Central-Eastern Europe: PL22, Śląskie.

Expected impact and benefits of the tool for the concerned territories and target groups

The presented methodology of selection of interventions for UEA can be used in various FUAs in the CE area, wherever there are no large areas for planting greenery. It includes various types of expected benefits, such as integration of local community, functionality of public space, life quality, but also benefits for biodiversity, infrastructure, and land management. Therefore, in addition to action plans similar to the SALUTE4CE project, it can be useful, for example, in activities regarding urban revitalisation, climate change adaptation, urban renaissance, urban green infrastructure etc.

The results of the tool implementation will improve life conditions of inhabitants living in the vicinity of the UEA spots. Also the tool will be useful for local and regional authorities in planning and managing of the green areas in cities lacking large sites for this purpose.

The methodology will support the knowledge on land management in the aspect of green zones which can strengthen the city resilience to climate change.

Sustainability of the tool and its transferability to other territories and stakeholders

The sustainability of the tool is confirmed by the need for using the methodology in each case of elaborating of urban environmental acupuncture for a city or FUA. It is the next step (after the selection of UEA spots) necessary in the procedure of creating action plan of UEA.

The tool is prepared in English and available on the project website. It can be transferred to other regions and can be managed by different stakeholders if needed. Once translated, it could be used abroad.

Lessons learned from the development/implementation process of the tool and added value of transnational cooperation

Methodology of selection of solutions for UEA is the next step in creation of UEA system for a functional urban area. It is the step following the initial selection of spots in the previous stage which then was followed by a final selection of sites meeting high necessity and high suitability for UEA implementation. Selection of sites and then selection of solutions/interventions are based on the methodology including list of criteria of necessity and suitability. It enables to define precisely the most appropriate and suitable elements for the system of urban environmental acupuncture.

References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

D.T1.1.1 - Methodology of preliminary selection of spots for urban environmental acupuncture (UEA)

D.T1.2.1 Report on principles for selection of interventions

www.interreg-central.eu/SALUTE4CE