



URBAN SMS: Urban soil management strategy (CENTRAL EUROPE project: 1CE064P3)

Subcontract coordinator: Assoc. Prof. Dr. Jaroslava Sobocká, PhD.
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The overall goal of the project is to develop and establish a comprehensive soil management strategy for Central European municipalities, which could provide to urban planners and designers flexible but effective tool for projects realization where will be regarded soil quality and its functions in urbanized land. Key components of such a system will be Web-GIS based active layers soil data, evaluation of soils (their economic and environmental value), a scenario and prognosis tool and a decision support soil protection in urban land. The strategy together with the system will enable municipal staff to include and quantitatively consider the various aspects of soils in urban planning processes. During the project existing evaluation and planning tools will be analysed, the most promising modules selected (e.g. SWOT analysis), and further optimised. Special regard will be given to legislative requirements on urban soil protection and control. These activities will be leading to the new "Urban Soil Management System" with intention on soil protection legislation. The test applications at local level will be giving an idea about the usefulness and practicability of the system in daily practice, and will give the chance to further optimise and bring it to a stage in which it is "ready to use". Project will prepare a guideline how to handle the new management system together with a management strategy how to implement it in the administrative structure and the urban planning process will be developed. This goal will be applied as a common interest not or municipality staff but also research institutes and universities in participating countries of the Central Europe. Team cooperation of all partners will make the product on the one hand which will be used on the other hand.