

Local pilot fact sheet

Project partner organisation: District Authority Stuttgart

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Name of the area of local pilot application: Langenäcker-Wiesert

Area: 8.3 ha

Land use (recent and planned): currently mainly under agriculture use and garden plots, it is planned to develop residential area, 260 units

Status of urban planning: Building plan and land regulation in the process

Legal aspects: In the current land use plan already foreseen as development area for housing. Private owner and some parts also owned by City of Stuttgart.

Location of the area of local pilot application within the city:



Border of the area is red marked.

Aerial photograph of the local pilot application area:



Border of the area is red marked.

Picture(s) of the area:



Fig. 1 Soil quality map



Fig. 4 Current use



Fig. 2 Residential area in planning



Fig. 5 Current use

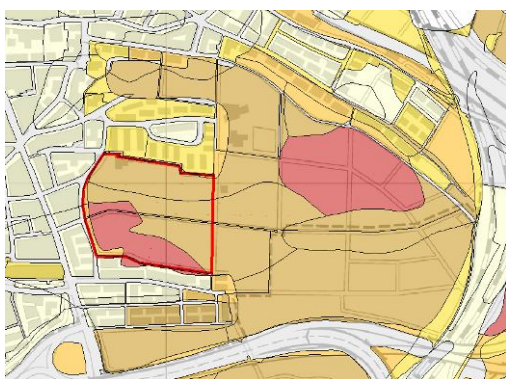


Fig. 3 Soil quality map 1:6 000



Fig. 6 Current use

Situation on the area: Current use of the area is agriculture and garden plots on high and very high quality soils. On three sides it is already bordered by settlement areas. But for Stuttgart circumstances it is a huge area with the need of the fulfilled soil functions which will be destroyed. It is part of 46 ha contiguous area with high and very high quality soils.

URBAN SMS-activities foreseen on the area: Calculation the loss of soil quality with the LSR-tool on bases of the soil quality map of Stuttgart.

Goals/strategies/tools to be applied:

Aimed goals:

- G1 Reduced quantity of soil consumption rate & soil sealing.
- G2 Sustainable use of soil considering soil quality (provision of soil functions).

Applied strategies:

- S1 Applying sustainable soil management in spatial and urban planning on all levels
- S2 Improving legislation in terms of soil protection as well as proposing an unified legislation approach in CE
- S3 Awareness raising to soil as a natural resource
- S4 Establishing regional cooperation in soil management
- S6 Involving stakeholders/ decision makers at an early stage of management strategy
- S7 Improving management for degraded urban areas
- S8 Introducing compensation and validation of soil functions as market instrument
- S9 Increasing of inner development

Tested tools:

- T1 Guidance for soil in SEA/EIA (3.3.2)
- T2 Soil manager Suite (software) including several tools (4.4.4)
- T3 Pilot case application (5.3.3)
- T4 Guidance on how to introduce and apply compensation measures; to be used as market tool (parts of 6.1.4)
- T5 Recommendation for successful stakeholder participation (6.3.2)
- T6 Awareness rising package providing a collection of facts and arguments (6.3.4)
- T7 Report brownfield redevelopment (6.1.3)
- t1 Sustainable brownfields development Stuttgart (NBS)

Start of the URBAN SMS-pilot-activities: 02/2011

End of the URBAN SMS-pilot-activities: 04/2011

Evaluation of results foreseen until: 04/2011