

Theses for the Future of Water Sensitive Urban Design (WSUD)

WP 5.1 Hamburg
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Objectives WP 5.1 – WSUD

- Investigation of solutions which integrate the parameters of sustainable water management in urban and landscape planning
- Determination of planning instruments that are able to improve water qualities as well as qualities of urban design



Deliverable 5.1.1 month 1 – 12:

Investigation of small scale planning strategies and solutions of WSUD in the demonstration city of Hamburg (case studies)

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Case Studies - Method of Investigation

Survey of the case studies - Multi-method approach

- Factors which effect the built environment of storm water management
- Qualitative indicators of ecological, social, economical and cultural sustainability



Documentation of the case studies and the findings

10 Theses for Water Sensitive Urban Design – WSUD –

Thesis 1:

The safety levels as established for storm water management have to be guaranteed for future demands



Heidelberg Villages

Thesis 2:

The guarantee of a good water quality of storm water should gain further in importance



Trabrennbahn Farmsen

Thesis 3:

An adequate urban and landscape design of the measures of storm water management – emphasis or inconspicuous integration – is required



Thesis 4:

The connection between the measures of storm water management and the adjacent areas should gain in importance



Neuallermoehe Ost



Heidberg Villages

Thesis 5:

The remaining scope of design concerning storm water management should be handled by general rules of urban and landscape design



Neuallermoehe Ost



Heidelberg Villages

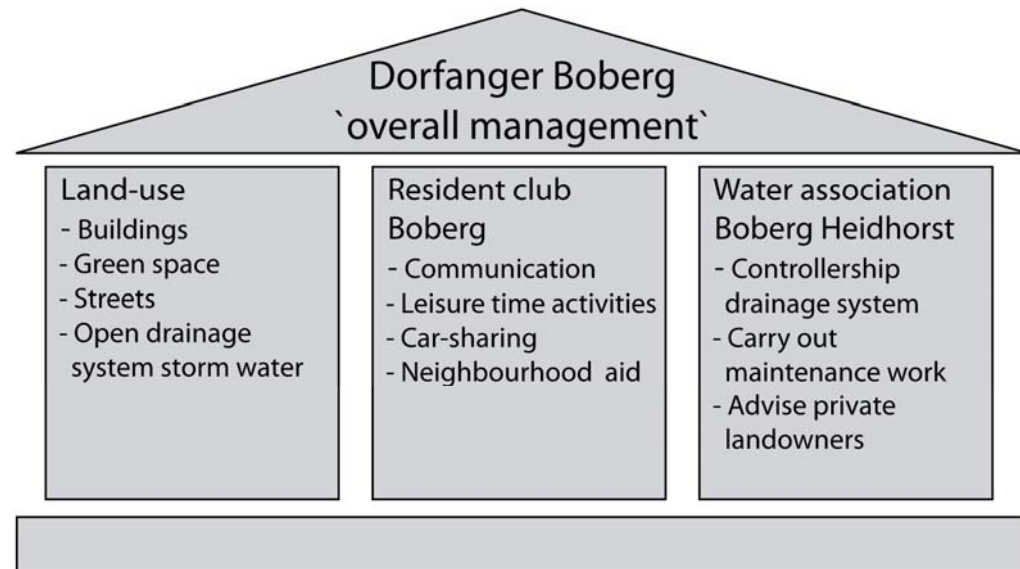
Thesis 6:

Concepts of storm water management should consider synergy-effects and multi-criterion-methods to increase the effectiveness



Thesis 7:

Concepts to handle storm water management have to be developed to profound ‘management concepts’ rather than remaining concepts mainly based upon constructional measures





1978

1988
Development
Neuallermoehe Ost2003
Development
Neuallermoehe West

Thesis 8:

Not isolated applications but cross-border concepts should be developed for storm water management

Thesis 9:

**The importance of demands related to a ‘fair’ planning process
have been confirmed**

Thesis 10:

**The planning process in terms of storm water management should
enable the development of location-based solutions**

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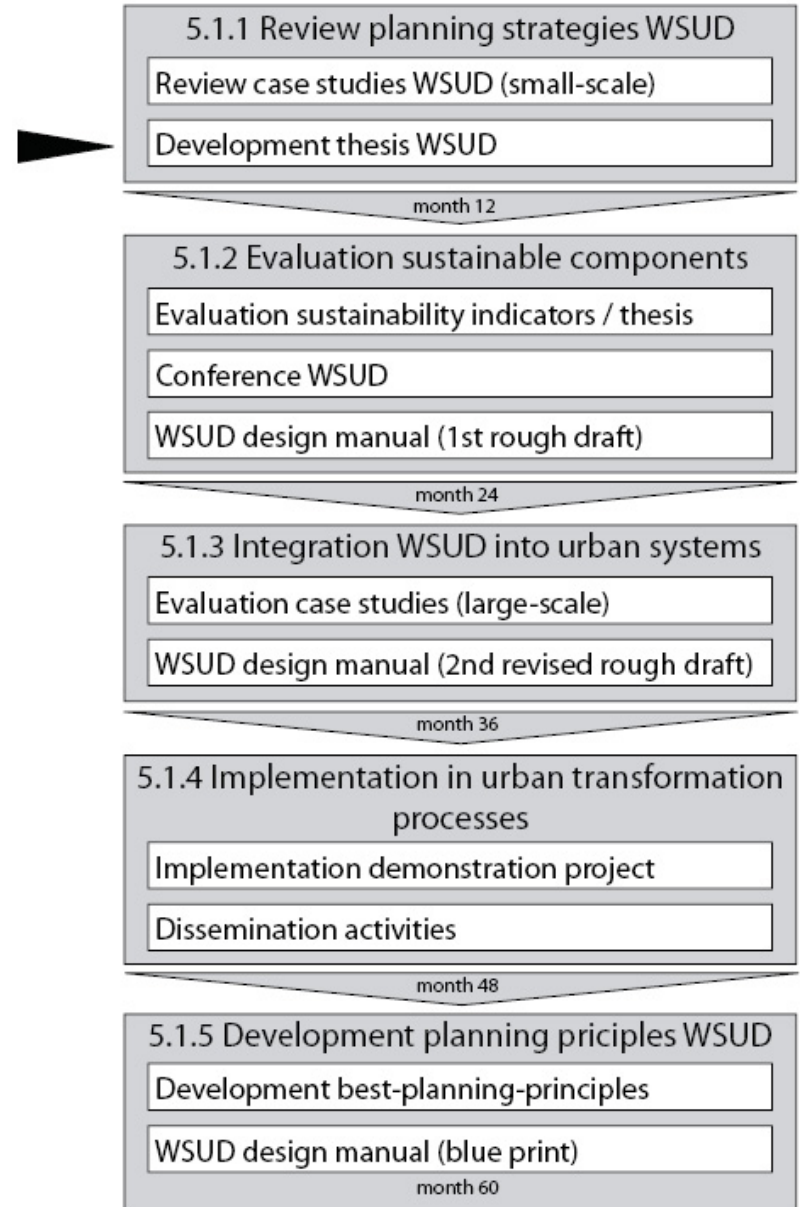
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Outlook

The interim results consisting of the 10 theses and the indicators of sustainability will be further developed within the course of WP 5.1.

WP 5.1 Water Sensitive Urban Design Planning strategies in urban transformation processes



Thank you for your
attention

