



Nature's integration in cities'
hydrologies, ecologies and societies

M1.1 Berlin Case Study

April 2023

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1 Preface

This milestone report provides a short summary of work concluded to deliver the Berlin case study, Niches Milestone 1.1

Work commenced on the case in summer 2022 and was completed in late winter 2022, and was led by University of Sheffield and Ecologic.

A draft manuscript has been prepared and will be submitted to a relevant peer-reviewed journal soon.

2 Summary

The milestone was achieved in December 2022, following USFD's delivery to ECO of a comprehensive preparatory report. This report by USFD summarised findings of an extensive systematic literature review, analysis of key water management themes in the city, and comparison with the EC's NBS impact assessment handbook around criteria and indicators relating to urban stormwater management, tailored to the Berlin context.

Literature searches were undertaken using Scopus and Google Scholar (English language only) and limited to the period from 2015 onwards.

USFD prepared a framework and script for semi-structured interviews, to be reported in the journal manuscript (see below).

ECO researched key background policy documents/studies, with interviews covering different perspectives, assumptions, and dynamics of actors in NBS approaches.

Case study material from the Berlin stakeholder interviews was finalised in March 2023, in the form of full interview transcripts with six key stakeholders following an interim report from ECO to USFD in December 2022.

The transcribed answers were sorted according to the relevant questions (topic blocks) for WP1. The aim of the Berlin case study was to highlight the impacts of combined sewer overflows (CSOs), different perceptions and change processes of urban water systems, and the formative events and changes in policies, thus also supporting future work steps 1.1 and 1.2.

USFD analysed the transcribed interview findings, and prepared the draft manuscript paper.

USFD with ECO finalised case study material in March 2023 the form of a manuscript, which will be submitted to an appropriate academic journal, with the case study serving to illuminate conceptual framing work in T1.2 to understand urban water management NBS.

The Berlin case illustrates how the transnational and local contexts could be successfully bridged, to underpin the comparative-constructive approach central to WP1.

3 List of abbreviations

USFD	University of Sheffield
ECO	Ecologic
CSO	Combined Sewer Overflow
NBS	Nature-Based Solution/s



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Project partners



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