

Environmental and Social Data Sheet

Overview

Project Name: *STADTENTWAESSERUNG HAMBURG II*
Project Number: *2015-0275*
Country: *Germany*
Project Description: Financing of investments in the Hamburg sewerage collection and treatment system in the years 2016-2019.

EIA required: The project is implemented as a coherent programme that comprises a number of separate schemes. Some of the schemes may require an EIA.

Project included in Carbon Footprint Exercise¹: no

Environmental and Social Assessment

Environmental Assessment

The project concerns the investment programme of Hamburger Stadtentwaesserung for the period of 2016-2019 that will improve the efficiency and sustainability of wastewater services in Hamburg. It includes rehabilitation and upgrading of sewer systems and necessary lifecycle investments at the wastewater treatment plants. The programme also includes schemes improving energy efficiency of the existing systems.

Most of the works to be carried out under the programme are rehabilitation of existing networks, hence the impact will have primarily temporary character during the construction phase and are expected to be mitigated by good practice and work organisation following the competent authorities' requirements. Programme's components that will result in the reduction of the overflow of the combined sewerage system will have positive impact on the quality of water bodies. Various components that reduce energy demand will further enhance resource efficiency of the promoter.

The promoter is an appointed sewage company. Statutory duties with regard to the protection of the environment are embedded within key legislation for the German water industry. The investment plan of the Hamburger Stadtentwaesserung is not subject to a Strategic Environmental Assessment. Compliance with applicable environmental legislation (national and EU), including Environmental Impact Assessment (EIA) legislation is inherent to the definition of the investments programme. The Promoter carries out EIA procedures where required by the competent authorities and mitigating measures are applied as appropriate. Schemes are not expected to have any negative impact on Natura 2000 sites in Hamburg.

The project contributes to the Bank's transversal objective Climate Action Mitigation by supporting energy efficiency schemes at the waste water treatment plant Kohlbrandhoft/Dradenau (optimisation of pressure aeration, ammonium removal process) and

¹ Only projects that meet the scope of the Pilot Exercise, as defined in the EIB draft Carbon Footprint Methodologies, are included, provided estimated emissions exceed the methodology thresholds: above 100,000 tons CO₂e/year absolute (gross) or 20,000 tons CO₂e/year relative (net) – both increases and savings.



Luxembourg, 15 November 2016

renewable energy production from sludge. The project will also contribute to the Bank's transversal objective Climate Action Adaptation through the components that provide additional storage capacity for storm water and improve storm water management in the city of Hamburg (in the context of vulnerabilities identified through the *Strukturplan Regenwasser 2030*).

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Public Consultation and Stakeholder Engagement

Public consultation takes place in compliance with the legal requirements. In particular access to information is ensured for public concerned.

Other Environmental and Social Aspects

The Promoter has implemented an environmental management system in line with the standard Eco-Management and Audit Scheme (EMAS), which is periodically controlled by external auditor. The Promoter regularly publishes reports on the impact on environment of its operations.

Conclusions and Recommendations

The schemes implemented under this programme will have predominantly positive impacts on environment. The project will assist in maintaining compliance with the Water Framework Directive 2000/60/EC and the Urban Wastewater Treatment Directive 91/271/EC. Temporary impacts during the construction and operation phase are expected to be mitigated by good practice and work organisation following the competent authorities' requirements.

The Promoter will be required to act according to the provisions of the relevant EU directives, including the EIA, Habitats and Birds Directives. Some of the schemes are likely to fall under Annex II of the Environmental Impact Assessment (EIA) Directive. Should an EIA be required, the Promoter will be obliged to make the Non-Technical Summary of the EIAs publicly available. The project is acceptable for EIB financing.

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