

Environmental and Social Data Sheet

Overview

Project Name:	<i>Berlin Abwasser und Umwelt II</i>
Project Number:	<i>20170298</i>
Country:	<i>Germany</i>
Project Description:	Financing of investments in environmentally sustainable wastewater treatment and water supply facilities in Berlin, Germany.
EIA required:	yes
Project included in Carbon Footprint Exercise ¹ :	no

(details for projects included are provided in section: "EIB Carbon Footprint Exercise")
It is a multi-scheme operation where some of the components might be subject to a full EIA.

Environmental and Social Assessment

Environmental Assessment

The project is strongly environmentally driven and therefore has predominantly positive effects on the environment. Most of the works to be carried out under the Programme are upgrades of existing sites, meaning the overall impact of construction will be limited. The Promoter complies with the requirements of Directive 2014/52/EU amending the EIA Directive 2011/92/EU, as well as Article 6 of the Habitats Directive 92/43/EEC. The Promoter carries out Environmental Impact Assessment procedures where required by the competent authorities and mitigating measures are applied as appropriate. The environmental regulator monitors compliance with effluent discharge permits independently. The Programme is considered sound for EIB financing.

The promoter is an appointed water and sewage company. Statutory duties with regard to the protection of the environment are embedded within key legislation for the German water industry, including duties in relation to conservation of biodiversity and natural habitats.

Compliance with applicable Environmental Legislation (national and EU), including EIA legislation is inherent to the definition of the investments programme. It is also in line with the River Basin Master Plan, which has been subject to a strategic environmental assessment in compliance with the SEA Directive 2001/42/EC.

The investment programme is also strongly driven by water quality concerns, wastewater treatment efficiency and also energy efficiency. This includes additional capacity and processes at a number of wastewater treatment plants to reach higher standards under the Water Framework Directive (2000/60/EC). The programme also includes a variety of

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.

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renewable energy schemes, extracting energy from wastewater systems and sludge as well as improving energy efficiency of the existing systems.

Finally, the project will contribute towards climate action objectives through applying mitigation and adaptation measures. These are investments that deal with sludge digestion, storm water management and in particular with temporary storage of large amounts of storm water in the drainage system, energy management and low-emission construction methods (e.g. trenchless pipe rehabilitation etc.). BWB sets good industry practices in this regard.

Social Assessment, where applicable

Social impacts include the possible disruption of services, noise and temporary occupation of public or private space, traffic disruptions, and safety hazards. All these impacts will require strict management to minimize the negative disturbances, inconveniences and impacts common for this type of programmes and will be addressed in the planning permission.

Public Consultation and Stakeholder Engagement

Public consultation takes place at all levels of the definition of investments and their detailed roll-out, starting with consultation for the key planning documents such as the Water Resource Management Plan and proceeding with the definition of the major schemes during the scoping and implementation phase, which also includes definition of compensatory measures in local communities for disruption caused.

Other Environmental and Social Aspects

BWB integrates both the definition of its capital programme and its operations into a single structure of environmental management and has adopted the international standard ISO 14001, which is externally audited. Critical to stable delivery of investments is the relationship with consenting authorities, in particular the Environment Agency (Umweltbehörde).

Conclusions and Recommendations

The project is acceptable for EIB financing in E&S terms with the following undertakings:

E&S Contractual Undertakings

The promoter Berliner Wasserbetriebe Anstalt des öffentlichen Rechts (BWB) shall not commit any EIB funds against schemes that require an EIA according to EU and national law without, prior to commitment, submitting the EIA and the non-technical summary of the EIA to the Bank for review and publication on the Bank's website.

The promoter shall not commit any EIB funds against any scheme without receiving consent from the competent authority regarding the Habitats directive and submitting the relevant forms to the Bank prior to the commitment of EIB funds.