



European Investment Bank (EIB)

Luxembourg, 7 December 2021

## Environmental and Social Completion Sheet (ESCS)

### Overview

Project Name:	<i>STADTENWAESSERUNG HAMBURG II</i>
Project Number:	<i>2015-0275</i>
Country:	<i>Germany</i>
Project Description:	<i>Financing of investments in the Hamburg sewage collection and treatment system from the Investment Programme 2016-2019.</i>

### Summary of Environmental and Social Assessment at Completion

#### **EIB notes the following Environmental and Social performance and key outcomes at Project Completion.**

The project concerns the investment programme of Hamburger Stadtentwässerung for the period of 2016-2019 to improve the efficiency and sustainability of the 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 for improving the energy efficiency of the existing systems.

The Investment Programme was environmentally driven and therefore has predominantly positive effects on the environment. The improvements in the combined sewer system, that were part of the investment Programme, helped to reduce the risks of sewer overflows and to improve stormwater management. The investments in the wastewater treatment complex Kohlbrandhöft Dradenau helped to increase the energy efficiency and to reduce the greenhouse gas emissions. The repair of broken sewers contributed to reducing aquifer pollution. It also lowered the probability of traffic disruptions and subsidence of buildings by avoiding the collapse of sewer segments. The investments also effectively ensured compliance with environmental service standards set by EU and national legislation (EU Water Framework Directive 2000/60/EC and Urban Wastewater Treatment Directive 91/271/EC).

Most of the works carried out under the Programme were upgrades of existing infrastructure and facilities, reducing the overall impact of construction. The Promoter complied with the requirements of EU EIA Directive 2011/92/EU as amended in the Directive 2014/52/EU, as well as Article 6 of the Habitats Directive 92/43/EEC. The Promoter confirmed that none of the schemes fell under Annex I or Annex II of the EIA Directive and therefore no Environmental Impact Assessment was required. The Promoter also confirmed that none of the schemes negatively affected any protected areas designated under the Habitats Directive, so no forms needed to be sent to EIB in relation to this directive.



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The project contributed to the Bank's transversal objective Climate Action Mitigation by supporting energy efficiency schemes at the wastewater treatment plant Kohlbrandhof Dradenau (optimisation of air pressurisation, district heating) and renewable energy production from sludge. The project also contributed to the Bank's transversal objective of Climate Action Adaptation through the components that extended flood protection and improved storm water management (in the context of vulnerabilities identified through the "Strukturplan Regenwasser 2030").

**Summary opinion of Environmental and Social aspects at completion:**

EIB is of the opinion based on reports from the promoter that the Project has been implemented in line with EIB's Environmental and Social Standards, applicable at the time of appraisal.