

Environmental and Social Data Sheet

Overview

Project Name:	VIVAWEST ENERGY EFFICIENT BUILDINGS
Project Number:	2017-0477
Country:	GERMANY
Project Description:	Construction of new residential buildings with an energy efficiency performance compatible with the nearly zero energy buildings (NZEB) road map in Germany.
EIA required:	no
Project included in Carbon Footprint Exercise ¹ :	no

Environmental and Social Assessment

The project consists of the construction of new residential buildings with an energy efficiency performance compatible with the nearly zero energy buildings (NZEB) road map in Germany. The sub-projects under this operation are residential buildings located in urban areas, thus having limited impact on the environment and not requiring an EIA. All sub-projects are to be certified to comply with the KfW55 energy efficiency house level assuring high energy performance and improved indoor environment.

At construction stage, the project implementation may lead to increased noise and vibration levels, and may impact air quality. Adequate mitigation measures will be implemented together with the enforcement of good construction practices. The project's impact at construction stage will be temporary and reversible, at a level which is deemed acceptable.

Germany, as an EU Member State, has harmonised its environmental legislation in line with the relevant EU Directives: EIA Directive 2014/53/EU amending the 2011/92/EU, SEA Directive 2001/42/EC and Habitats Directive 92/43/EEC, Birds Directive 2009/147/EC and Energy Performance of Buildings Directive 2010/31/EU.

Expected primary energy savings as compared to the baseline scenario are estimated at 3.328 MWh/year), with an associated CO₂ reduction of 745 tons/year.

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, 15.03.2018

Conclusions and Recommendations

Given the location and nature of the project in built-up urban areas, it is expected not to have any significant negative environmental impact. The promoter has sound environmental and social capacity, well proven in the construction and operation of similar buildings. The promoter is considered capable of complying with the Bank's eligibility criteria, in particular regarding the environmental protection aspects. The project will contribute to climate change mitigation (i.e. energy efficiency) by supporting the implementation of nearly zero-energy buildings (NZEBs) in Germany.

With the proposed conditions and eligibility criteria in place, this project is considered to be acceptable for Bank financing from an environmental perspective.