

Environmental and Social Data Sheet

Overview

Project Name:	HELSINKI EDUCATION INFRASTRUCTURE	
Project Number:	2014-0134	
Country:	Finland	
Project Description:	The project consists of the financing of investments in education infrastructure in the City of Helsinki during 2014-2019, comprising both construction of new infrastructure as well as the restoration, renovation or extension of existing facilities.	
EIA required:		NO
Project included in Carbon Footprint Exercise ¹ :		NO

Summary of Environmental and Social Assessment, including key issues and overall conclusion and recommendation

The European Directive 2011/92/EU on Environmental Impact Assessment (EIA) does not specifically mention education activities. However, in a case of urban development, Annex II of the EIA Directive may be applied. Strategic environmental assessment (SEA) was conducted for the project. For five out of nine project components the local environmental authorities have not requested an EIA. For the remaining the submission to the Bank of the screening decision of the competent authorities before the utilisation of the Bank's funds are project contractual undertakings.

The Promoter is conscious of environmental issues and mitigation measures have been identified.

The new buildings will have high environmental standards; the simulations for the newly built sub-components of the project show that the selected technical solutions make it possible to achieve energy consumption levels considerably lower than the applicable regulations.

Therefore the project is acceptable for Bank financing.

Environmental and Social Assessment

Environmental Assessment

Energy efficiency

The latest Finnish regulation concerning the energy efficiency targets came into force 1st June 2013. The officially set energy consumption target value for new school buildings is 170 kWh/m². The simulations for the new built sub-projects show that the selected technical solutions make it possible to achieve considerably lower levels. The plan for the new *Kalasadaman korttelitalo*-school is to achieve the total value 119 kWh/m² including the evening and weekend use of the facilities; 60.9 kWh/m² for heating, and 57.2 kWh/m² for electricity. These values are 30% below the target. The City of Helsinki has adopted a general

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.

rule that, also in renovation projects, the aim is to decrease energy consumption down by 20 %, but in several school renovation projects the target of the energy consumption decrease has been set to 30 %. Recent refurbishments of two comprehensive schools (Käpylä and Latokartano comprehensive schools) has achieved Energy consumption levels of 137 kWh/m² (heating 85 kWh/m², electricity 52 kWh/m²) and 156 kWh/m² (heating 106 kWh/m² and electricity 50 kWh/m²).

The environmental issues are taken into account according to the regulation and standards monitored by the Department of Supervision of Building (building permits), and the Environment Centre of the City of Helsinki (environmental and health issues).

Urban planning

The new and renovated school buildings are and will be integral parts of local urban development and town planning. Three of the new primary school buildings are located in former industrial and harbour areas and are part of the on-going urban regeneration. The project is therefore in line with the Bank's criteria on urban renewal and regeneration in the pursuit of more sustainable and competitive cities.

EIA

For five out of nine project components the local environmental authorities have not requested an EIA. For the remaining the submission to the Bank of the screening decision of the competent authorities before the utilisation of the Bank's funds are project contractual undertakings.

Historical buildings

No historical buildings included.

Social Assessment, where applicable

The social benefits of providing a modern, fit for purpose, dedicated primary and secondary education facilities, with all the necessary support amenities, are expected to be significant.

Public Consultation and Stakeholder Engagement, where required

The Promoter will ensure compliance with national and European environmental and nature regulations and facilitate the access by the public to environmentally relevant information in accordance with the Bank's Transparency Policy.