

Environmental and Social Data Sheet

Overview

Project Name:	Espoo Lifecycle PPP Schools
Project Number:	2016-0217
Country:	Finland
Project Description:	The project comprises the delivery of a batch of schools (approximately 5 or 6 new or refurbished schools) within the City of Espoo's school development programme, which is aiming to improve or renew comprehensive and upper secondary school infrastructure in Espoo in support of the city's education strategy. The project is to be delivered using a PPP mechanism.
EIA required:	Certain sub-projects could be subject to an EIA. If required by the competent authority, the Promoter shall make the Non-Technical Summary (NTS) available to the EIB.
Project included in Carbon Footprint Exercise:	No

Environmental and Social Assessment

Environmental Assessment

The actual project concerns the new construction as well as modernisation and rehabilitation of a batch of comprehensive schools to be delivered as a Public Private Partnership (PPP) in the City of Espoo, Finland. Schools and education institutions of this kind are not specifically mentioned in the EIA Directive 2011/92/EU as amended, though the project is covered by Annex II of the Directive in relation to urban development. The project intends to cover 5 to 6 schools, but the exact locations and extent of works will be identified at a later stage. The responsibility for obtaining the building permits will be transferred to the SPV who will be exclusively set up for the delivery of this project. However, all potential projects are fully covered by an approved land use plan which can only be set up with a public consultation and the approval of the competent authority. If required by the competent authority, the SPV shall provide to the EIB, the Non-Technical Summary (NTS) of the assessment.

In Espoo all the new and renovated school designs are required to follow the City Council's energy consumption target levels. The Near-Zero-Energy target for buildings has been introduced in Finland. Depending on the type of works, it is expected that at least all newly constructed components shall achieve at least a calculated energy consumption target of a Near-Zero Energy building ($77\text{kWh/m}^2/\text{annum}$).

Conclusions and Recommendations

Overall, the renovation and refurbishment of the outdated buildings will improve the health, safety and accessibility for staff and students alike. Due to the use of new materials and technologies, the new and modernised buildings will increase the overall energy efficiency. By enabling a more efficient use of the existing buildings and the addition of the new school



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facilities, Espoo City Council will be able to consolidate and optimise the provision of school places and facilities contributing to the enhancement of teaching and learning environments in Espoo.

The new or extended buildings will create additional CO2 emissions that will be compensated by the reduction of emissions of the refurbished school buildings and demolition of poorly performing buildings. All of the sub-projects containing new construction are expected to achieve near zero energy performance in accordance with the Finnish benchmarks. Sub-projects involving refurbishment of existing school buildings are expected to aim for near zero energy performance, which will depend on a cost efficiency exercise.

In light of the above, the overall environmental and social rating of the project is therefore considered to be acceptable with minor negative residual impacts; the project is therefore eligible for the Bank's financing.