

Luxembourg, 31 March 2017

Environmental and Social Data Sheet

Overview

Project Name:	KUOPIO UNIVERSITY HOSPITAL II
Project Number:	2016-0387
Country:	FINLAND
Project Description:	Expansion and improvement of the Kuopio University Hospital in Finland under the investment programme 2015-2024.
EIA required:	no
Project included in Carbon Footprint Exercise:	no

Environmental and Social Assessment

This project supports the rehabilitation and extension of the Kuopio University Hospital, the academic hospital of the University of Eastern Finland. The affected buildings were originally erected in the 1950's with the last major extensions in 1983 and 1985. These buildings are no longer suitable for modern healthcare services delivery and suffer structural problems and challenges. Beside some adaptations of the existing outpatient department, the project basically covers upgrading of the wards through a combination of the rehabilitation of the original building set up in the 1950s and the replacement of the remaining buildings with an enlarged new construction.

Though the project is covered by Annex II in the EIA Directive 2011/92/EU in relation to urban development. The foreseen construction works will all be carried out on the existing site within or in close connection with the existing buildings and all works are covered by an existing urban development plan. The promoter confirmed that so far all building permits have been issued without requesting an Environmental Impact Assessment as per the national legislation that is aligned with the Directive 2011/92/EU.

In respect to Energy performance, the project aims to improve the energy consumption of about 86°000 m² of existing buildings from currently 606 kwh/m² (Class F) to a Class B building (between 150 to 350 kwh/m²) what is well above the legally required standard (Class C only).

Conclusions and Recommendations

As the project covers works within or close to the existing facility, no significant impact is expected on the environment. Overall the modernisation of the existing buildings as well as the construction of a new extension will improve hygiene and safety conditions and will allow the Promoter to apply better stringent statutory and technical conditions. The project enables the promoter to free major parts of the building which have been erected in the late eighties and where the air quality is insufficient for today's requirements (sick building syndrome).

Overall, the rehabilitation and replacement of the outdated hospital facilities will improve hygiene and safety. Due to the use of new materials and technologies, the new and modernised buildings will increase the overall energy efficiency. By enabling a better cooperation among the various bodies within the hospital, the project will allow introducing better and more cost effective methods for medical treatment and includes beneficial elements in terms of social cohesion and protection.

In light of the above, the overall environmental and social rating of the project is therefore considered acceptable.