

## Environmental and Social Data Sheet

### Overview

Project Name:	KAINUU CENTRAL HOSPITAL
Project Number:	2017-0524
Country:	Finland
Project Description:	Construction of the new Kainuu Central Hospital to replace the existing but outdated facilities. The hospital will provide all major healthcare specialties for the regional population as well as primary healthcare functions in the Kajaani city area.
EIA required:	no
Project included in Carbon Footprint Exercise:	no

### Environmental and Social Assessment

The project supports the replacement of the existing buildings of the Kainuu Central Hospital in Finland. Hospitals and related facilities are not specifically mentioned in the EIA Directive 2011/92/EU as amended by 2014/52/EU on Environmental Impact Assessment (EIA), though the project is covered by Annex II of the Directive in relation to urban development. In the case of urban development, the Directive has been transposed in the national legislation with regard to the establishment of land use and urban development plans (Land Use and Building Act 132/1999). The foreseen construction works will all be carried out next to the existing site in an area that is covered by an existing urban development plan. The promoter confirmed that no EIA has been requested by the Competent Authority within this process.

In respect to Energy consumption, the project aims basically to replace a building with 51 447 m<sup>2</sup> with a new building of 42 800 m<sup>2</sup>. The new building will be a class a Class B building (between 150 to 350 kwh/m<sup>2</sup>) which is well above the legally required standards for hospitals (Class C only) but not a Nearly Zero Energy Building (NZEB) according to the anticipated revision of the National Finish legislation (320 kwh/m<sup>2</sup> but not approved yet). According to the respective audits, the consumption will be reduced by 6 356 MWh/a from the current 22 476 MWh/a to 16 120 MWh/a in the new facility.

Overall, the rehabilitation and extension of the outdated facilities will improve hygiene and safety. Due to the reduced footprint and the use of new materials and technologies, the new and modernised buildings will increase the overall energy efficiency.

### Conclusions and Recommendations

As the project covers construction works within, or close to, the existing hospital, no significant impact is expected on the environment. Overall, the replacement of the outdated building will improve energy efficiency as well as hygiene and safety conditions. By enabling a better coordination between the different departments of the hospital, the project will enable the introduction of 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.