

## Environmental and Social Data Sheet

### Overview

Project Name:	UNIVERSITY PREMISES IN FINLAND
Project Number:	2012-0048
Country:	Finland
Project Description:	New construction, renovation and the upgrading of facilities for research as well as teaching at 10 universities in Finland outside the greater Helsinki region, including improvement in the energy efficiency.
EIA required:	NO
Project included in Carbon Footprint Exercise <sup>1</sup> :	NO

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

The project sites are all situated in existing campus areas and are already within respective city plans. None of the sub-project has required an EIA. Some of the buildings foreseen for renovation are listed buildings. The promoter has developed relevant design solutions in close cooperation with the relevant authorities. However, due to the fact that the appearance of these buildings cannot be significantly changed, hinders the promoter to develop more efficient configurations in line with today's requirements. The promoter is very concerned about energy savings and efficiency. A road map for measuring, monitoring and adjusting energy consumption has been prepared in cooperation with the respective universities.

### Environmental and Social Assessment

#### CO2 Emissions and Energy Efficiency of Buildings

According to the Government's Decision in Principle (Policy Objective) from 2015 onwards all the new public buildings will be so called passive houses, i.e. buildings that need extremely little of additional heating or cooling<sup>2</sup>: EU energy directive (2006/32/EU) sets the energy savings target for Finland at 9% for the period 2008-2016.

#### EIA

The Promoter confirms that EIA Screening has been done by the local authorities and that no EIA are needed.

#### BREEAM

The promoter aims to achieve an EPC rating "C" and a BREEAM rating classification for the new buildings. The target is to reach an overall consumption of 190kWh/m<sup>2</sup> compared to the actual overall 425 kWh/m<sup>2</sup> consumption.

#### Historical buildings

Some buildings are listed but the restorations are limited and not especially focussed on that aspect except for the LTT2 project in Turku where some specific works on the facades will be

<sup>1</sup> 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.

<sup>2</sup> Government's forecast on climate and energy policies: "Towards low emissions in Finland"; 15 October 2009.

realised. The total investment amount dedicated to restoration will to a range of 4 per cent of the total cost.

### **EIB Carbon Footprint Exercise**

Project is not included. The EIB draft Carbon Footprint Methodologies only include emissions from Investment Loans above the methodology thresholds.

### **Public Consultation and Stakeholder Engagement**

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.

### **Other Environmental and Social Aspects**

As about 20 per cent of the investments are meant to reduce energy consumption by up to 20 per cent, and to improve energy efficiency, the project is also eligible for EIB support under Article 309 of the Treaty, point (c) Energy Efficiency.