

## Environmental and Social Data Sheet

### Overview

Project Name:	UNIVERSITY PREMISES HELSINKI
Project Number:	2012 0163
Country:	Finland
Project Description:	Construction of modern and innovative university premises in the capital area to stimulate and improve learning results, private sector and university co-operation and innovation as well as refurbishment of existing premises for gains in 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

#### Huslab New construction:

When erected in an already urbanized area, no significant impact of this kind of facility is expected on the environment. The promoter confirmed that all investments will be implemented either within existing facilities or on the site of existing hospitals. The foreseen construction works are all in line with an approved urban land use plan, which can only be set up with a public consultation and the approval of the competent authority.

#### Refurbishments:

Some of the buildings foreseen for renovation are listed buildings. The promoter is aware of this fact and developed the 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 a more efficient configuration in line with today's requirements.

### Environmental and Social Assessment

#### **Environmental 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 separate heating or cooling.<sup>2</sup> EU energy directive (2006/32/EU) sets the energy savings target for Finland at 8% for the period 2008-2016.

<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> The European Union (EU) has adopted a framework for energy end-use efficiency and energy services. Among other things, this includes an indicative energy savings target for the Member States, obligations on national public authorities as regards energy savings and energy efficient procurement and measures to promote energy efficiency and energy services. Government's forecast on climate and energy policies: towards low emissions in Finland; 15 October 2009.

### BREEAM

The University aims to achieve an EPC rating "C" and a BREEAM or LEED rating classification for the Chemicum-building refurbishment. 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.

### Huslab City Plan

In respect to the Meilahti Campus (Huslab-site), a revised land use plan has been approved on 4 December 2008 by the local authority, Helsinki City Planning Board. Various environmental assessments were carried out. However, according to the decision 2008:11849, no EIA is required.

### Historical Buildings

"Listing" is the formal mechanism by which certain buildings are identified as being of particular historic or architectural interest. In order to carry out renovation etc. works in listed buildings, the owner needs to obtain a special authorisation (poikkeuslupa) from the City Museum (Kaupunginmuseo) and from the City Planning and Real Estate Service (Kaupunginsuunnitteluvirasto) in addition to normal planning permissions.

## **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 25 per cent of the investments are meant to reduce energy consumption by up to 40 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.