

Environmental and Social Data Sheet

Overview

Project Name:	LYCEES BOURGOGNE
Project Number:	2014-0582
Country:	France
Project Description:	Financing of the region of Bourgogne multi-annual investment programme in the secondary and higher education, vocational and professional education and culture, over the period 2014-2019
EIA required:	Certain sub-projects might be subject to an Environmental Impact Assessment (EIA) in relation to urban development
Project included in Carbon Footprint Exercise ¹ :	no

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

Schools and related buildings are not specifically mentioned in the EIA Directive 2011/92/EU, though the project is covered by Annex II of the Directive in relation to urban development. The actual project concerns primarily construction and renovation of educational facilities. More specifically, the project includes: (i) the rehabilitation of 48 upper secondary schools, including the construction of support buildings in 5 of them (ii) the renewing of IT infrastructure and restaurant equipment; (iii) the renovation of 4 professional schools for nurses; and finally (iv) part of the region's investments to renovate and bring up regional vocational training centres to the actual norms

The project sites are situated in existing school estates within approved urban development plans, and it is therefore unlikely that an Environmental Impact Assessment (EIA) will be required for any of the subprojects. If however an EIA is required after case by case examinations by the competent authority, the promoter should make the Non-Technical Summary (NTS) of the EIA available to the EIB prior to the Bank's funding being used.

The realization of the project will lead to energy efficiency improvements of the order of 30% in the renovated buildings. As the Project has a strong focus on environmental issues, improvement of energy efficiency in particular, and as the promoter has good implementation track record and capacity, the Project is acceptable to the Bank with positive or neutral residual impacts.

Environmental and Social Assessment

Environmental Assessment

The project is in full compliance with the national and EU environmental legislation and norms. The «Code de la Construction et de l'Habitation» covers the financing of the construction and rehabilitation of public buildings in France. The targeted energy and environmental standards are higher than the current nationwide requirements. In addition to energy savings, some allocations will also promote the sustainable use of natural resources and effective waste management, leading to the labels BBC (Bâtiments Basse Consommation) and/or HQE (Haute Qualité Environnementale) and/or BEPOS (Bâtiment à Energie POSitive).

The Region, in cooperation with the Government of France, has prepared a regional climate, clean air and energy programme SRCAE (Schéma Régional du Climat, de l'Air et de l'Energie). The project forms an important part of the programme. The programme sets ambitious targets in terms of renewable energy development, aiming at increasing the production of renewable energies at 23% of the final energy consumption by 2020.

Energy Efficiency

The designs of the sub-projects aspire for high environmental and technical quality. Renovating schools is part of a sustainable development approach and integrates standards that are more stringent than the current energy efficiency regulations. For renovations, the region has set the energy consumption targets at 50kWh/m² year (BBC label), almost 40% below the current regulation. For new buildings the targets are similarly more ambitious than the regulations in place (50kWh/m² / year, BBC label), as the region aims at constructing positive energy buildings (BEPOS). Investments in schools also contribute to increase the use of renewable energies, mainly through the purchase of wood-fired boilers and connection to district heating networks.

Services of the region have started deploying an interactive system for the management of consumption in school buildings, through the systematic installation of electric consumption meters and calorimeters. In October 2014, nearly 30% of the consumption flows of high school buildings can be followed and analyzed in near real time. The detailed analysis of the consumption, and the cross reference with the cartography of the heating equipment in place, allows the services in the region to accurately know their actual energy characteristics, to calculate the benefits of work or actions to enhance energy efficiency and consequently to properly prioritize the investments.

Finally the Region has launched on a voluntary basis (65% of schools are already signed), an "eco-schools" approach to students and staff, which aims to promote simple steps to save energy, sort waste and promote biodiversity. To support this approach, all the heating technicians and electricians of the high schools in the region have received training.

The reductions in energy consumption that will result from the realization of the investment program are estimated at approximately 30%. This figure does not take into account new construction (extensions) included in the project which will conform to targets more ambitious than existing energy efficiency standards.

Public Consultation and Stakeholder Engagement, where required

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

About 30% of the total project cost concerns energy efficiency and energy saving investments. The project thus accelerates the implementation of the objectives under the Directive 2010/31/EU "on the energy efficiency of buildings" and its amendments.