

Public

Environmental and Social Data Sheet

Overview

Project Name:	MADEIRA NEW CENTRAL HOSPITAL
Project Number:	2019-0108
Country:	Portugal
Project Description:	The project consists of the construction and equipment of the new Madeira Central Hospital that will replace two existing hospitals in the Madeira Region (Hospital Nélio Mendonça and Hospital dos Marmoleiros). The new Madeira Central Hospital will provide medical services to a population of around 250,000 people in the region and will have a total of 565 beds. The hospital will comprise hospitalisation units, outpatient services, emergencies, diagnostic and therapy.
EIA required:	no
Project included in Carbon Footprint Exercise ¹ :	no

Environmental and Social Assessment

Environmental Assessment

The Project concerns the construction and equipment of the New Central Hospital in Funchal, Madeira (NCH) and aims to improve the quality of the medical services provided and the working environment within the current medical facilities in the region. The Project will be directly implemented by the Autonomous Region of Madeira (RAM).

The need for a new hospital unit in Madeira results from a gradual inaptness of the existing units in the Archipelago, namely Hospital Dr. Nélio Mendonça and Hospital dos Marmoleiros which are operating in full capacity, in outdated facilities, with limited expansion possibilities and are facing increasing difficulties in satisfying the evolving healthcare needs of the population.

The new Madeira Central Hospital will provide medical services to a population of around 250,000 people in the region and will have 565 beds. The hospital will comprise hospitalisation units, outpatient services, emergencies, diagnostics and therapy.

¹ Only projects that meet the scope of the Carbon Footprint Exercise, as defined in the EIB Carbon Footprint Methodologies, are included, provided estimated emissions exceed the methodology thresholds: 20,000 tonnes CO₂e/year absolute (gross) or 20,000 tonnes CO₂e/year relative (net) – both increases and savings.

Luxembourg, 15 October 2019

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.

The promoter has submitted to the Bank the screen out decision from the Environmental Authority of Autonomous Region of Madeira according to which, the project is not subject to the proceedings of Environmental Impact Assessment. The project for the construction of the new Madeira Central Hospital was established within the Urban Development Plan (Directory Plan for Funchal City), which revision was approved on March 2018.

The thermal envelope of the Hospital is based on the premises of RECS (Regulation on the Energy Performance of Services Buildings) to guarantee (i) in winter a reduction of thermal losses and a gain of heat at the level of glazed spans, and in the summer guarantee an effectiveness in the solar protection and insulation of roofs and walls reducing the cooling requirements derived from external conditions.

According to the current simulation, the renewable energy will have a contribution of 27% to the total energy consumption of the Hospital:

- Thermo-solar: 953 312 kWh/year.
- Biomass: 2 924 286 kWh/year.

The absolute emissions of CO₂ per year of the hospital have been estimated in 9,355 tn/year.

Conclusions and Recommendations

Overall, the construction of new facilities will improve hygiene and safety conditions. Due to the use of new materials and technologies, the new building will increase the overall energy efficiency. By enabling a better cooperation among the various bodies within 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.

According to the screen out decision from the Environmental Authority of Autonomous Region of Madeira, no EIA is needed for the construction of the new Madeira Central Hospital.

The absolute emissions of CO₂ per year of the hospital have been estimated in 9,355 tn/year.

In the light of the above, the project is acceptable for the Bank's financing.