

## Environmental and Social Data Sheet

### Overview

Project Name:	AMB ENERGY EFFICIENCY BUILDING RENOVATION SFSB
Project Number:	2017-0276
Country:	Spain
Project Description:	Investment Loan to finance energy efficiency and accessibility improvements in housing in the metropolitan area of Barcelona, in Spain.
EIA required:	no
Project included in Carbon Footprint Exercise <sup>1</sup> :	no

### Environmental and Social Assessment

#### Environmental Assessment

The Autoridad Metropolitana de Barcelona (AMB), a public local authority, will implement the operation on behalf of the private homeowners. The operation will be implemented in coordination with the Consorci Metropolità de l'Habitatge ("CMH"), a regional authority jointly owned by AMB and the Generalitat de Catalunya (the Regional Government of Catalonia), and the City Councils of the municipalities where the investment will take place.

This operation is an Investment Loan to finance an Investment Programme in the metropolitan area of Barcelona, in Spain, focusing on energy efficiency (70%) and accessibility (30%) improvements in housing. The Programme will facilitate affordable financing specially tailored to home owners from very low to low-income groups, thus promoting a large pipeline of renovation investments in multi-family blocks in selected vulnerable urban areas of the metropolitan territory.

The loan size is EUR 50m for an estimated project cost of EUR 100m. Overall, the successful allocation of the loan will require the annual generation of eligible projects of around EUR 25m per year over four years, which will affect 2,500 beneficiaries per year.

Expected annual energy savings are estimated at 20,580 MWh/year (an average reduction of 20% vs. the current status of the buildings), with an associated CO<sub>2</sub> reduction of 510 kt CO<sub>2</sub>-eq/yr.

At construction stage, the project implementation may lead to increased noise and vibration levels, and may impact groundwater and air quality. Adequate mitigation measures have been and will be implemented together with the enforcement of good construction practices. The

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<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 CO<sub>2</sub>e/year absolute (gross) or 20,000 tons CO<sub>2</sub>e/year relative (net) – both increases and savings.

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project's impact at construction stage will be temporary and reversible, at a level that is deemed acceptable.

Spain, as an EU Member State, has harmonised its environmental legislation with the relevant EU Directives: EIA Directive 2014/53/EU amending the 2011/92/EU, SEA Directive 2001/42/EC and Energy Performance of Buildings Directive 2010/31/EU. Spain will have to transpose the Directive (EU) 2018/844, which amends the Energy Performance of Buildings Directive (Directive 2010/31/EU).

## Conclusions and Recommendations

Given the location and nature of the project in built-up urban areas, it is not expected to have any significant negative environmental impact. Autoridad Metropolitana de Barcelona, the promoter, is deemed to have sound environmental and social capacity, well proven in the rehabilitation of similar buildings. The project will contribute to climate change mitigation (i.e. energy efficiency) in Spain.

The EIB will ensure that the Promoter:

- will obtain all necessary building permits and licenses in a timely manner. In addition, and in order to demonstrate that the targeted energy ratings are achieved, energy performance certificates shall be issued for existing buildings, before and after the renovation works. The promoter will submit to the EIB copies of the certificates,

Based on the above considerations, the Project is acceptable for the Bank in environmental and social terms.