



Luxembourg, 22 July 2022

**Public**

## Environmental and Social Data Sheet

### Overview

Project Name:	TARGU MURES MEDICINE UNIVERSITY
Project Number:	2021-0271
Country:	Romania
Project Description:	The project concerns the refurbishment of the Faculty of Medicine and the restructuring of an existing building to clinical labs that are part of the "George Emil Palade" University of Medicine, Pharmacy, Science and Technology of Targu-Mures.
EIA required:	Certain sub-projects could be subject to an EIA. If required by the competent authority, the Promoter shall make the Environmental Impact Study/Statement (EIS) available to the EIB.
Project included in Carbon Footprint Exercise <sup>1</sup> :	no
(details for projects included are provided in section: "EIB Carbon Footprint Exercise")	

### Environmental and Social Assessment

#### Environmental Assessment

The Project concerns the campus development programme of the *Târgu Mureş* Medicine, Pharmacy, Science and Technology University (UMFST) in *Târgu Mureş*, Romania. The University is one of the six medical schools in Romania beside Bucharest, Cluj-Napoca, Craiova, Iaşi and Timișoara, all being founded before the 1989 Romanian revolution. The university has a good reputation as a public national institution with a stable number of domestic students over the past years and an ambition to internationalise by attracting more foreign students. The Project aims to fill gaps in the UMFST's infrastructure, in particular the need for modern learning spaces and educational equipment, as well as additional accommodation for students and visiting staff.

The Project comprises:

- (i) the Rehabilitation, Modernisation and Equipment of the Educational Infrastructure of C3 Building,
- (ii) the Rehabilitation, Modernisation and Equipment of the Educational Infrastructure of the buildings "A" and "R",
- (iii) the construction of a new Residential Complex in two phases,
- (iv) the Construction of a new nZEB Building for a Multicultural University Centre including space for culture, education, an auditorium and administration,

<sup>1</sup> 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 CO<sub>2</sub>e/year absolute (gross) or 20,000 tonnes CO<sub>2</sub>e/year relative (net) – both increases and savings.



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- (v) the Refurbishment of C53 building-Alma Complex dedicated to Accommodation and Micro-Canteen,
- (vi) the Refurbishment of C39 building-Laboratory Animal Facility-Center for Experimental Medicine,
- (vii) the Refurbishment of C22 building - Administrative Offices of the university,
- (viii) the Transformation and Refurbishment of Loft Space of C24 Building-Center for Simulation and Practical Skills and
- (ix) the Refurbishment and the reconversion of the Teaching and Examination Center. While strengthening teaching and research activities, the Project will also improve the energy performances of the university.

Universities and Scientific institutions of this kind are not specifically mentioned in the EIA Directive 2011/92/EU (if applicable, as amended by Directive 2014/52/EU), though the project is covered by Annex II of the Directive in relation to urban development. If any of these subprojects require an EIA, the Promoter shall make the Environmental Impact Study/Statement (EIS) available to the EIB prior to disbursement.

So far, no building permits have been obtained for new constructions. If required by the competent authority, the Promoter shall make the Environmental Impact Study/Statement (EIS) available to the EIB. The project is located in an urban developed area. The project will have an impact on the environment during construction and project operation. All construction works will be implemented within or close to the existing university campus and within an approved urban development plan. At the construction stage, the project will increase noise and vibration levels, and will impact air quality. Adequate mitigation measures will be considered together with the enforcement of good construction practices. The project's impact at the construction stage will be short-lived and reversible, at a level which is deemed acceptable.

The buildings to be renovated will also target energy levels 20% below the NZEB definition of the country and the region. Given the promoter's good results in previous operations and visited during the appraisal, the bank considers that the promoter is able to implement its projects in a timely and efficient manner.

### **Historical building**

All existing buildings concerned are classified on the List of Historical Monuments (LMI) as grade B architecture monuments and/or included in a protected area as per PUG/RLU<sup>2</sup>:

The site plot intersects the Protection Zone of archaeological site no.8-Roman period settlement (identified and listed as such in the Archaeological Study carried out prior to the PUG). This implies that for all works affecting the ground or subsoil, whether public or private building or utility systems, archaeological supervision and specific approvals from the CZMI<sup>3</sup> (Zonal Commission of Historical Monuments) of DJC-Mureș<sup>4</sup> (County Directorate for Culture – Mureș) should be required<sup>5</sup>.

## **Conclusions and Recommendations**

<sup>2</sup> The General Urban Plan (PUG) for the commune of Livezeni, containing the Urban Planning Regulation (RLU), has been issued and approved by the Local Council Decision (H.C.L.) no.1/23.01.2020.

<sup>3</sup> Comisia Zonală a Monumentelor Istorice- original denomination in the romanian legislation

<sup>4</sup> Direcția Județeană pentru Cultură- original denomination in the romanian legislation

<sup>5</sup> As by Ordinance no.43/2000 on the protection of archaeological heritage and declaration of archaeological sites as areas of national interest



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As the project concerns construction and refurbishment works in an urban area within or close to the existing facilities, no significant impact is expected on the environment. Positive social and environmental outcomes are expected as a result of the project, especially with respect to improved energy efficiency of the building estate and for a safer and healthier learning environment for students and teachers.

The Promoter shall provide the EIB with the Energy Performance Certificates of the sub-projects at the completion of the project. In case an EIA is requested by the competent authority, the Promoter shall make the Environmental Impact Study/Statement (EIS) available to the EIB.

The Promoter is considered capable of selecting the best project complying with the Bank's specific procedures and eligibility criteria, particularly regarding the environmental protection aspects. With the proposed conditions in place, this project is considered to be acceptable for Bank financing from an environmental and social perspective.