

Environmental and Social Data Sheet

Overview

Project Name:	WORLDSENSING (EGFF)
Project Number:	2019-0397
Country:	Spain
Project Description:	Worldsensing's main product is an IIoT (industrial internet of things) solution for online wireless data transmission from geotechnical monitoring sensors. The promoter's solution enables an efficient online and "real-time" monitoring of some critical geotechnical parameters on construction sites, infrastructure or tailing dams and ultimately leads to efficiency gains and increased safety.
EIA required:	no
Project included in Carbon Footprint Exercise ¹ :	no

Environmental and Social Assessment

Environmental Assessment

- The EIB lending concerns R&D activities for the development of primarily industrial wireless data transmission devices and solution and new software applications. The promoter has its focus on low power wide area network devices mainly in the field of geotechnical monitoring and develops high tech wireless transmission electronics, new sensors, network management software and other software applications among others. All activities take place in existing locations. Such R&D activities are not listed in any annexes of the Directive 2014/52/EU amending the EIA Directive 2011/92/EU. Also, the capital investments concern primarily lab-scale equipment and tooling that do not require any environmental assessment or authorisations.
- The promoter's devices are mainly used in geotechnical monitoring on construction sites and as a monitoring tool for tailing dams in the mining sector. As such, the project will help to increase the safety of construction sites and tailing dams in the mining sector.
- The promoter has recently established a code of ethics binding for all its employees and all the company stakeholders. Employees have to consider human rights as well as the social, economic and environmental impacts of the business and their work.

Conclusions and Recommendations

- The proposed investments do not require any specific environmental permits and fall within an already authorised scope.
- As such, the project is acceptable for financing in environmental and social terms.

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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.