

Environmental and Social Data Sheet

Overview

Project Name:	EDERLAN SUSTAINABLE RDI & DIGITAL TRANSFORMATION
Project Number:	2021-0498
Country:	Spain
Project Description:	The project concerns the promoter's investments in: (i) research, development and innovation, for lightweight components and systems for sustainable mobility and vehicle electrification, sustainable manufacturing technologies to increase resource efficiency and circularity, and advanced manufacturing technologies; (ii) the development and deployment of transformational digitalization technologies. The project will take place in the period 2021-2024 at the promoter's premises in the Basque Region, Spain.
EIA required:	no
Project included in Carbon Footprint Exercise ¹ :	no

Environmental and Social Assessment

The project will be carried out in existing facilities already authorised for similar activities and volumes and not requiring structural changes to implement the project, therefore an Environmental Impact Assessment (EIA) procedure is not required. The results of the promoter's RDI activities are expected to innovative technologies for sustainable mobility components and systems and technologies for sustainable manufacturing. The project is overall considered as environmentally acceptable with minor negative residual impact as the resulting manufacturing activities will still add to the environmental load.

In addition to RDI activities focused on components and systems for electric vehicle applications the project will focus on sustainable manufacturing to support the more efficient use of raw materials, energy, water and other resources, thereby reducing the environmental impact.

The intended results are expected to contribute to the reduction of GHG emissions, through the development and implementation of lighter and more robust vehicle functional components, thus contributing to the fulfilment of more stringent EU emissions and safety targets of the automotive sector. The project will therefore contribute to the development of a more efficient and sustainable European transport system and lead to increased environmental sustainability. The project also increases resource efficiency in production therefore reducing the environmental impact through the development of breakthrough

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.

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manufacturing technologies and processes. With regard to circular economy, it includes the substitution of primary by recycled raw materials and the regeneration and recovery of moulding sands.

Other Environmental and Social Aspects

The promoter fulfils international industry standards for environmental management and occupational health and safety documented through ISO 14001 and 45001. The introduction of ISO 50001 standard energy management system was stalled due to the COVID-19 pandemic, but has been since been resumed.

Conclusions and Recommendations

The project will be implemented in existing facilities without changing their already authorised scope and without significantly increasing the manufacturing capacity of the sites. An Environmental Impact Assessment (EIA) is therefore not required under EIA Directive 2014/52/EU.

The project will have positive environmental impacts in particular through the development of solutions and technologies for electric vehicle applications and sustainable manufacturing. Considering the above, the project is acceptable for Bank financing.