

Environmental and Social Data Sheet

Overview

Project Name: SIPEARL (EGF VD)
Project Number: 2021-0452
Country: France, Germany
Project Description: SiPearl aims to develop microprocessors for High Performance Computing and Data Centers.

EIA required: No

Project included in Carbon Footprint Exercise¹: No
(details for projects included are provided in section: "EIB Carbon Footprint Exercise")

Environmental and Social Assessment

Environmental Assessment

The RDI activities will be carried out in already existing and authorised R&D facilities. The project does not fall under any of Annexes of the Environmental Impact Assessment Directive – Directive 2014/52/EU amending Directive 2011/92/EU and therefore, not requiring screening or EIA Report.

The availability of advanced High Performance Computing Centres will allow for, amongst others, improved modelling of weather simulations and other environmentally related tools. With the development of new processors for Data Centers, the promoter will also target the development of more energy efficient processors.

Public Consultation and Stakeholder Engagement

N/A

Other Environmental and Social Aspects

The Promoter's manufacturing subcontractor fulfils the requirements of the ROHS Directive (Restriction of Hazardous Substances) for its products.

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, 15/12/2021

Conclusions and Recommendations

The project's outcomes will result in more powerful supercomputers and more energy efficient processors for data centers. The RDI activities are not expected to have any negative environmental impact.

The project is therefore eligible for EIB financing in environmental and social terms.