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Public

Environmental and Social Data Sheet

Overview

Project Name: MENTA (EGF VD)
Project Number: 2021-0122
Country: France
Project Description: Menta is a French designer of Embedded Field-Programmable Gate Arrays ("eFPGA"). FPGAs are microchips that sit between ASICs and regular CPUs in terms of efficiency and flexibility. Menta's design embeds such an FPGA chip design into an ASIC or CPU. The Company only sells intellectual property, it does not manufacture the chips itself.

EIA required: no

Project included in Carbon Footprint Exercise¹: no

Environmental and Social Assessment

Environmental Assessment

The project includes R&D activities for the development of integrated electronic circuits and solutions, as well as related R&D laboratory equipment, software and services. Such activities are not listed in any of the annexes of the Environmental Impact Assessment (EIA) Directive 2014/52/EU amending the Directive 2011/92/EU.

Other Environmental and Social Aspects

Due to the project's R&D character, the direct environmental and social impacts of the financed activities are very limited. The eFPGA products and solutions developed by the project offer significantly lower power consumption compared to standard FPGA technologies and enable a variety of new applications, e.g. in the area of edge computing and the Internet of Things (IoT), allowing for field devices to be re-programmed and adapted to changing environments. Menta applies the principles of ISO 9001 for its quality management and is expected to be certified accordingly.

Conclusions and Recommendations

In the light of the above, the project is acceptable for EIB financing in E&S terms.

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.