

Luxembourg, 12/04/2024

**Public**

## Environmental and Social Data Sheet<sup>1</sup>

### Overview

Project Name:	PROJECT RED (IEU FT)
Project Number:	2023-0241
Country:	Poland
Project Description:	The project relates to the promoter's activities in R&D of new photonic -electronic integration (PIC) technology as well as Infrared (IR) detectors and modules. The project also includes the expenditures in the R&D related Capex.
EIA required:	No
Invest EU sustainability proofing required	Yes
Project included in Carbon Footprint Exercise <sup>2</sup> :	No

(details for projects included are provided in section: "EIB Carbon Footprint Exercise")

### Environmental and Social Assessment

#### Environmental Assessment

The project relates to the promoter's activities in R&D of new photonic-electronic integration (PIC) technology as well as Infrared (IR) detectors and modules. The project also includes the expenditures in the R&D related Capex. The Capex relates to investments in machines and equipment for detectors and modules to be installed in already existing industrial sites.

The R&D activities for the development of photonic products do not fall under any of the Annexes of the EU Directive 2014/52/EU amending the EIA Directive 2011/92/EU.

Semiconductor and photonic devices are the basic components for the digitalisation of all sectors of the economy. They are therefore essential to enable the deployment of low carbon

<sup>1</sup> The information contained in the document reflects the requirement related to the environmental, social and climate information to be provided to Investment Committee as required by the Invest EU Regulation and it represents the equivalent of the information required in the template of the InvestEU sustainability proofing summary

<sup>2</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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and decarbonisation scenarios leading to significant sustainability benefits across the whole economy and fulfil the Paris Alignment criteria as set out in the EIB's CBR (Climate Bank Roadmap).

### **EIB Paris Alignment for Counterparties (PATH) Framework**

The Promoter is in scope and screened out of the PATH framework. It does not operate in a high-emitting sector and is not considered as a highly vulnerable counterpart.

## **Conclusions and Recommendations**

The project has minimal impact in terms of climate hazards, and it is aligned to the Paris low-carbon criteria as published in the EIB Climate Bank Roadmap under Industry, RDI sector.

Furthermore, the project is outside the scope of the EIA Directive and has a low-risk impact to the environment. Furthermore, no adverse social, labour and health and safety relevant risks have been identified.

Sustainability proofing conclusion: the project is carried out in compliance with applicable national and EU environmental and social legislation. Based on the environment, climate and social (ECS) information and based on the review of the likely significant ECS risks and impacts and the management systems in place, the project is deemed to have negligible residual ECS risks and impacts. No further sustainability proofing is required.

Considering the above, the investment is acceptable for EIB financing in Environmental, Climate and Social terms.