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## Environmental and Social Data Sheet

### Overview

Project Name:	TECHEU SIGNIFY EFFICIENT LIGHTING RDI
Project Number:	2025-0560
Country:	Netherlands
Project Description:	The Project concerns the financing of research, development and innovation in sustainable lighting solutions and digitalisation.
E&S Risk categorisation:	Low
Project included in Carbon Footprint Exercise <sup>1</sup> :	no

### Environmental and Social Assessment

The E&S risk categorisation has been assessed as Low, reflecting the nature of the Project focusing on operational activities in research, development and innovation (RDI) for the lighting sector. These activities are anticipated to result in minimal or no significant environmental, climate or social risks.

#### Environmental Assessment

The Project supports the Promoter's RDI activities in Europe and aims at developing more sustainable, efficient and connected lighting solutions for consumers and professional customers.

The Project's activities are neither listed in Annex I nor Annex II of the EIA Directive 2011/92/EU as amended by Directive 2014/52/EU. Therefore, the Project is not subject to a screening or EIA procedure. In addition, the Project is expected to be carried out in existing facilities that will not change their authorised scope due to the activities.

The Project entails positive environmental effects by supporting the Promoter's development of circular products and solutions, by reducing material use and increasing serviceability and recyclability. Key initiatives include 3D-printed luminaires made from recycled materials, more durable, serviceable and upgradeable lighting solutions, and Light as a Service business models.

#### Climate Assessment

The Project is aligned with the Climate Bank Roadmap (CBR) in terms of low-carbon and climate-resilience goals and, as such, with the principles outlined in the Paris Agreement. In particular, the Project is part of the supported activities listed in Annex 2 of the CBR (Table B: Industry) corresponding to RDI in "Low-carbon technologies and products, energy and resource efficiency, circular business models and non-GHG related topics".

Due to its research and development focus, the investment is not anticipated to produce significant greenhouse gas emissions. However, the Project is expected to positively contribute to climate change mitigation by the resulting products and solutions aimed at improving energy efficiency in lighting, notably through ultra-efficient light sources and solar-powered solutions as well as smart and connected lighting.

<sup>1</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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Signify has adopted science-based greenhouse gas emissions reduction targets validated by the Science Based Targets initiative (SBTi), aligned with a 1.5°C pathway and covering Scope 1, 2 and 3 emissions across the full value chain, committing to a 50% absolute emissions reduction by 2030 (vs. 2019) and to net-zero greenhouse gas emissions by 2040, as set out in its Climate Transition Plan and reported in line with the GHG Protocol.

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

The Promoter is in scope but screened out of the PATH framework, as its activities are not included in the list of EIB sub-sectors and segments in high-emitting sectors. Furthermore, the counterparty is screened out for high vulnerability.

### **Other Environmental and Social Aspects**

Signify's approach to human rights and sustainability is grounded in internationally recognised frameworks, including the International Bill of Human Rights, the UN Global Compact's Ten Principles, and the International Labour Organization's Fundamental Principles and Rights at Work.

This commitment is supported by robust operational standards, with 93% of sites certified to ISO 14001 and ISO 45001, while the remaining manufacturing locations operate under established procedures to ensure compliance with local regulatory requirements.

## **Conclusions and Recommendations**

In the light of the above, the Project is acceptable for Bank financing in environmental, climate and social terms.