

Public Environmental and Social Data Sheet

Overview

Project Name:	ZUMTOBEL LIGHTING RDI
Project Number:	2017-0870
Country:	Austria
Project Description:	The project concerns investments for research and development of innovative and more efficient lighting solutions & systems including new kinds of services. A key R&D focus is in more intelligent, better connected and energy efficient lighting solutions. These activities will be carried out mostly in Austria.
EIA required:	No
Project included in Carbon Footprint Exercise ¹ :	No

Environmental and Social Assessment

Environmental Assessment

The planned R&D activities of the promoter concern a variety of different luminaire products as well as components, which are all based on or used for LED technology lighting systems. LED is an enabler of significant energy savings for the lighting industry (up to 85% less compared to incandescent lamps and still up to 50% compared to fluorescent lamps). Such savings can be quickly realised by luminaire replacements, as the penetration of LED technology in the installed base is still rather low (about 6% in major markets) and by intelligently managed LED lighting solutions such as the ones developed under this R&D project.

Sustainability, quality and environmental standards are also of high importance for the promoter. Therefore, all major production sites are certified according to ISO 9001 and ISO 14 001. The suppliers have also to guarantee minimum standards by signing up to the company's supplier code of conduct, which requires them among others to respect the ILO (International Labour Organisation) core standards. The compliance by the suppliers is checked by regular audits of these suppliers.

¹ Only projects that meet the scope of the Pilot Exercise, as defined in the EIB draft Carbon Footprint Methodologies, are included, provided estimated emissions exceed the methodology thresholds: above 100 000 tons CO₂e/year absolute (gross) or 20,000 tons CO₂e/year relative (net) – both increases and savings.

Luxembourg, 12 June 2018

Conclusions and Recommendations

The project activities do not fall under Annexes I or II of the EU Directive 2014/52/EU amending the EIA Directive 2011/92/EU, and are therefore not subject to mandatory Environmental Impact Assessments.

Moreover, the R&D activity is mainly focusing on LED technology, which is supporting a lower energy consumption in lighting systems.

Considering the above, the project is acceptable for Bank financing in environmental and social terms.