Luxembourg, 25.10.2017

Environmental and Social Data Sheet

Overview

Project Name:	3D PRINTING TECHNOLOGY
Project Number:	2017-0193
Country:	BELGIUM
Project Description:	The proposed investments include Research, Development and Innovation (RDI) activities on 3D printing software and related services in Belgium in the period 2017-2019.
EIA required:	no
Project included in Carbon Footprint Exercise[1]:	no

Environmental and Social Assessment

Environmental Assessment

RDI activities on 3D printing are not listed in any annexes of the EIA Directive 2014/52/EU amending the EIA Directive 2011/92/EU. The proposed RDI activities will be carried out in existing facilities, already authorised, that will not change their scope due to the project. As such, the proposed investment programme does not require an Environmental Impact Assessment.

Other Environmental and Social Aspects

The proposed RDI activities will contribute to develop innovative 3D printing technologies and related services. Intrinsically, 3D printing technology leads to lighter or less material manufacturing without compromising on quality, thus with positive impact on the environment. Moreover RDI into new and environmentally friendly materials is expected to further minimize the amount of material used.

The company is certified according to ISO 9001:2008 and on a regular basis it performs customer surveys or customer journey workshops to receive customer input to improve the entire organization. With regard to the design and manufacturing of patient-specific medical devices and medical device software, the company follows the regulatory-focused quality management system for medical devices compliant to ISO 13485:2003 to ensure safe and effective products. For what aerospace is concerned the company, as provider of high-quality prototypes, production tools and cutting-edge software, has adopted specific aerospace industry standards receiving the EASA Part 21G and EN9100 certifications, thus allowing for authorized delivery of airworthy additive manufactured end-use parts.

Conclusions and Recommendations

[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.

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In the light of the above, the proposed investments do not require any additional permits and fall within an already authorised scope. The investments, if successful, will improve the 3D printing technology and related services; the investments are therefore eligible for the Bank's financing.