



Luxembourg, 1 December 2023

## Environmental and Social Completion Sheet (ESCS)<sup>1</sup>

### Overview

Project Name:	EDS (EGF VD)
Project Number:	2021-0164
Country:	Bulgaria
Project Description:	The project will support the company's investments into innovation, space infrastructure and commercial expansion inside the EU, mainly in Bulgaria.

### Summary of Environmental and Social Assessment at Completion

**EIB notes the following Environmental and Social performance and key outcomes at Project Completion.**

The project activities were related to the development of hard- and software components for different kinds of spacecrafts. The final assembly and the testing of the space products took place within existing own facilities including a clean room for critical tasks. The launch into the required orbits - the final proof of functioning -, will be carried out by specialised launch service providers operating a launch site in Europe, Asia or America. The R&D and manufacturing activities do not include harmful activities such as handling of explosives for propulsion systems. Such tests would be carried out by specialised companies or by the launch service provider itself during the launch preparation phase. The prototypes will be put in low earth orbits at the final test stage. At the end of such orbital tests, a decommissioning is planned according to the current regulations by lowering the orbit gradually and finally burning the spacecraft in the atmosphere. Due to its small size, there is no risk that remaining particles can reach the earth surface.

The promoter's products and services will facilitate the launch of various types of satellites including earth observation capabilities. The data collected by such satellites will be supplied to public agencies as well as private customers and it will allow them to improve the weather prediction and the impact assessment of adverse weather events including emergencies.

Finally, as the promoter's satellites allows for shared services among several satellite operators, this would reduce the number of satellites required in orbit and thus reduce the risk of space debris, an increasing problem in space.

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<sup>1</sup> The template is for ILs and FLs



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**Summary opinion of Environmental and Social aspects at completion:**

EIB is of the opinion based on reports from the promoter, that the Project has been implemented in line with EIB Environmental and Social Standards, applicable at the time of appraisal.