

Luxembourg, 02/12/2025

Public

Environmental and Social Data Sheet¹

Overview

Project Name:	TECHEU ECAPS (IEU FT)
Project Number:	2025-0312
Country:	Sweden
Project Description:	The project aims to develop and qualify green propulsion systems based on the monopropellant LMP-103S. It includes prototype fabrication, testing capability enhancement, and subsystem engineering to advance thruster units in the 10–220 N range from TRL 3–5 to TRL 8–9. The goal is to enable deployment on large spacecraft platforms with modular, standards-compliant subsystems. In parallel, the project is expanding into bipropellant systems, gas generators, and Auxiliary Power Units as alternatives to hydrazine-based solutions in launch vehicles and spaceplanes. Applications in underwater vehicles will also be explored to broaden commercial potential beyond the space sector.
EIA required:	No
Invest EU sustainability proofing required:	Yes
Project included in Carbon Footprint Exercise ² :	No

Environmental and Social Assessment

Environmental Assessment

The project involves research, development, and qualification of advanced propulsion technologies, conducted within existing laboratory and testing facilities. These facilities are already equipped for high-performance aerospace engineering and chemical handling, and no new construction or significant modification is foreseen. As such, the activities do not fall under the scope of Annex I or II of the EIA Directive 2011/92/EU, as amended by Directive 2014/52/EU.

The use of less hazardous propellants, such as LMP-103S, represents a shift toward safer and more environmentally responsible alternatives to traditional substances like hydrazine. All testing and prototype assembly will be carried out under controlled conditions, with appropriate containment and safety protocols in place. The facilities involved are compliant with relevant environmental and occupational safety standards.

¹ 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

² 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 CO₂e/year absolute (gross) or 20 000 tonnes CO₂e/year relative (net) – both increases and savings.



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EIB Paris Alignment for Counterparties (PATH) Framework

The promoter is in scope but screened out of the PATH framework as it does not operate in a high emitting sector, it is not considered as a highly vulnerable counterpart, and it is not engaged in any incompatible activities.

Social Assessment

The promoter operates under collective labour agreements with the Union of Engineers and the Union of Manufacturing, ensuring compliance with Swedish labour law and providing structured wage systems, regulated working conditions, and employee protections. The company is a member of the Almega employers' organisation, which supports adherence to national labour standards and best practices.

The promoter maintains active collaborations with academic and research institutions, supporting workforce development and technical knowledge exchange. These partnerships contribute to recruitment of qualified personnel and long-term sectoral innovation.

Other Environmental and Social Aspects

The promoter holds AS9100 and ISO 9001 certifications, ensuring compliance with international aerospace quality standards across design, manufacturing, and testing. The company is licensed to handle energetic materials, including ADN-based propellants, under Swedish regulations. All operations comply with REACH chemical safety rules, ITAR export controls, and relevant ESA/NASA safety guidelines, ensuring product integrity, environmental protection, and regulatory conformity.

Conclusions and Recommendations

The project consists of R&D activities carried out in existing facilities with no significant environmental or social risks identified.

Sustainability proofing conclusion: The project is carried out in compliance with applicable national and EU environmental and social legislation. Based on the environmental, climate and social information and based on the review of the significant environmental, climate and social risks and impacts and the mitigation measures and management systems in place, the project is deemed to have low residual environmental, climate and social risks and impacts. No further sustainability proofing is therefore required.

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