



Luxembourg, 04/11/2025

Environmental and Social Completion Sheet (ESCS)¹

Overview

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| Project Name: | ADVANCED MOBILITY SOLUTIONS |
| Project Number: | 2022-0004 |
| Country: | Germany, Slovenia, Spain, Regional – EU countries, Poland |
| Project Description: | The project concerns the promoter's investments in R&D for innovative technologies for application in battery electric, plug-in hybrid electric and fuel-cell electric vehicles. It specifically includes investments for technologies in the fields of hydrogen and fuel cells components, electric motor and battery systems, power electronics, thermal management and cooling systems. |

Summary of Environmental and Social Assessment at Completion

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

The project covered the promoter's investments in Research, Development and Innovation in the field of innovative component technologies for battery electric, plug-in hybrid electric and fuel-cell electric vehicle applications and was carried out in existing facilities.

The output of the investment programme contributed to improve electric and fuel cell vehicle performance and enhance overall energy efficiency while enhancing the promoter's capability for future mobility solutions. The project focused on technologies in the fields of hydrogen and fuel cells components, electric motor and battery systems, power electronics, thermal management and cooling systems.

Many of the developments had either direct impact on electro mobility through (a) the development of powertrain components for Battery Electric and Fuel Cell Electric applications (including motors, battery systems, oil and motor coolant systems, fuel cell systems and components etc.); or (b) enable the use of electrified vehicles by improving the efficiency of the electric auxiliary systems (cabin cooling and heating systems, cabin filter modules and systems etc.), which would otherwise consume too much power and render the electric vehicles inefficient.

The project activities contributed to the development of innovative component technologies for application in battery electric, plug-in hybrid electric and fuel-cell electric vehicles. In addition to improving electric performance, it aimed to reduce their manufacturing cost therefore lowering the barriers to the adoption of such vehicles in the market.

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.

¹ The template is for ILs and FLs