



European Investment Bank (EIB)

Luxembourg, 19 December 2018

Environmental and Social Completion Sheet (ESCS)

Overview

Project Name: JOHNSON MATTHEY ADVANCED MATERIALS & TECHNOLOGY
Project Number: 2014-0469
Country: UNITED KINGDOM
Project Description: Financing of R&D activities mainly in the field of emission control technologies and materials science.

Summary of Environmental and Social Assessment at Completion

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

No significant environment or social issues were noted. The project concerned investments in research and development that were carried out in existing facilities without changing their already authorised scope.

The project per se did not have any impact on the environment; however the vast majority of the Project R&D activities contributed to significant pollutant and CO₂ emission reduction throughout the range of the developed products: (i) new catalysts for Exhaust After-treatment Systems (EAS) that help automotive vehicles complying or even exceeding the latest relevant EU legislation setting the standards for pollutant emissions applicable to automotive vehicles (passenger cars and light commercial vehicles, heavy commercial vehicles and non-road machineries and vehicles); and (ii) new catalysts to produce liquid fuel from gas (GTL), from coal (CTL) or from biomass (i.e. waste cellulose or algae) as well as to improve the production process of hydrogen. These products contribute to reduce the CO₂ emissions from chemical and petro-chemical processes.

Overall, the project has been assessed as acceptable having no adverse impact on the environment.

Summary opinion of Environmental and Social aspects at completion:

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