

Environmental and Social Data Sheet

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.*

EIA required: No

Project included in Carbon Footprint Exercise¹: No

Summary of Environmental and Social Assessment, including key issues and overall conclusion and recommendation

The Research and Development activities included in the project are not listed in the EIA directive. Furthermore, the project concerns R&D operational investments in the field of environmental catalysts and technologies that will be carried out in existing facilities without changing their already authorised scope. An Environmental Impact Assessment (EIA) is therefore not required under Directive 2011/92/EU.

The project per se does not have any impact on the environment; however it will contribute to significant pollutant and CO₂ emission reduction throughout the range of the developed products. The project is therefore considered acceptable for Bank financing.

Environmental and Social Assessment

Environmental Assessment

The project targets the development of new catalysts for Exhaust After-treatment Systems (EAS) that will help automotive vehicles complying or even exceeding the latest relevant EU legislation setting the standards for pollutant emissions applicable to (i) passenger cars and light commercial vehicles, (ii) heavy commercial vehicles and (iii) non-road machineries and vehicles. The project also includes the development of 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 will contribute to reduce the CO₂ emissions from chemical and petro-chemical processes.

Other Environmental and Social Aspects

The proposed R&D activities will not materially change current R&D practices and will make use of existing laboratories and work forces. The promoter applies stringent Environment, Health and Safety (EHS) policies and has a sound EHS management system. No social impact is expected.

PJ/ECSO 10.07.12

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.