

Environmental and Social Data Sheet

Overview

Project Name:	NGK CERAMIC PRODUCTS FACILITY
Project Number:	2015-0777
Country:	POLAND
Project Description:	<i>The project concerns the construction of a new (greenfield) manufacturing facility to produce particulate filters for the automotive industry.</i>
EIA required:	yes
Project included in Carbon Footprint Exercise ¹ :	no

Environmental and Social Assessment

Environmental Assessment

The new plant is expected to be significantly more energy efficient than the existing manufacturing Plant in Gliwice, and it will support the penetration of silicon carbide diesel particulate filter (SiC DPF) that are necessary to match the latest EU emission legislation.

The Environmental Management Systems of the promoters existing manufacturing site in Gliwice is ISO 14001 certified and the new plant is expected to be operated according to the same standards.

Public Consultation and Stakeholder Engagement

As part of the EIA process, the project was submitted for public consultation without getting any major comments back.

Other Environmental and Social Aspects

The promoter existing site in Gliwice operates an Occupational Health and safety management system which complies with BS OHSAS 18001. This is also planned to be the case for the new manufacturing plant.

Conclusions and Recommendations

The project concerns the construction of a greenfield manufacturing plant for the production of silicon carbide diesel particulate filter (SiC DPF) through the processing of ceramics in kilns. Activities related to the manufacturing of ceramics by burning are listed in the annex II of the EIA directive 2011/92/EU as amended. The competent authorities actually required the promoter to perform an EIA which was approved. The non-technical summary of the EIA will be published on the EIB website.

The project per se will have limited impact on the environment, as the new plant will be operated under Best Available Technology and in accordance with the EIA that was validated; however it will contribute to pollutant emission reduction from the diesel automotive fleet by supporting the wide market penetration of particulate filters. The project is therefore considered acceptable for Bank financing.

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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.