

## Environmental and Social Data Sheet

### Overview

Project Name:	ROLLS-ROYCE NEW AEROTURBINE RDI
Project Number:	2013-0552
Country:	United Kingdom
Project Description:	The project concerns the RDI activities for the development of the extended thrust version of a new aero-engine family, which requires fundamental design changes and new additional technology features, adapted to harsher dynamic demands, and allowing to specific fuel burn improvements.
EIA required:	no
Project included in Carbon Footprint Exercise <sup>1</sup> :	no

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

The RDI activities of the project are expected to be carried out in existing R&D centres without changing their already authorised scope. This type of RDI activities is not listed in the Directive 2011/92/EU, an EIA is therefore not needed.

The project leads to increased environmental sustainability through optimised and more energy efficient engines for air transport. The project will contribute to the development of one of the most efficient turbofan aero engine (including noise) flying in the near future, and to fulfilling the objectives set for civil aerospace by 2050, by the Advisory Council for Aviation Research and Innovation in Europe (ACARE).

Rolls Royce is committed to achieving its goals through innovation, research, product development, manufacturing and maintenance activities and by driving continual improvement throughout the product life cycle. Therefore the project is acceptable for financing by the Bank.

### Environmental and Social Assessment

#### Environmental Assessment

All businesses operate to a Company derived, international HS&E (Health, Safety and Environment) management systems standard. The system is compatible with the requirements of the international standard for ISO 14001 (for environmental management) and OHSAS 18001 (for occupational safety management). All businesses are required to work to a consistent set of global standards, embedded in the Rolls-Royce Management System and Rolls-Royce Production System. Internal and external audit programmes operate across all the plants to ensure compliance to these standards.

Rolls Royce also request that its suppliers, subcontractors, temporary workers and other third parties work to its own similar standards – through its Rolls Royce Supplier Code of Conduct.

PJ/ECSO 10.07.12

<sup>1</sup> 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 CO<sub>2</sub>e/year absolute (gross) or 20 000 tons CO<sub>2</sub>e/year relative (net) – both increases and savings.