

## Environmental and Social Data Sheet

### Overview

Project Name:	Rautaruukki Steel Production (RSFF)
Project Number:	20110018
Country:	Finland
Project Description:	Investments in research, development and innovation related to steel products, production processes and new product applications during the period of 2012-15.

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 project concerns investments in research and development that will be carried out in existing facilities. An EIA is therefore not required by Directive 2011/92/EU. Although minor residual impacts remain, deriving from production processes which will still add to the overall environmental load, the expected products, process improvements and technical solutions resulting from these R&D activities are expected to bring significant positive environmental results in terms of increased product life cycles and energy efficiency and hence reduction of energy consumption and concurrently of CO<sub>2</sub>, NO<sub>x</sub> and other harmful emissions.. The project is considered acceptable for Bank financing.

### Environmental and Social Assessment

#### Environmental Assessment

The project components comply with national and EU legislation. In fact, an EIA is not required. The R&D activities strict are not expected to show any major (if any) environmental impacts. However, the expected improved products and process qualities will lead to environmental benefits. Biodiversity issues are not touched upon as the activities will be carried out in existing facilities. Energy efficiency savings can be expected from the project's results.

The promoter's steelworks at Raahe, Finland - the only one of the group and one of the most efficient in Europe - have been modernised in 2010/2011 for some 50 M € leading to significant environmental benefits. This modernisation together with the replacement of sinter by pellets as feedstock are expected to lead to a reduction of particulate emissions of some 75%, of CO<sub>2</sub> of 10% (equal. some 400kt/a) and of SO<sub>2</sub> of 50%. The company's production sites operate in compliance with ISO 14001 environmental management systems.

#### Other Environmental and Social Aspects

The company has a clear corporate governance structure and statement, practices corporate responsibility and publishes a respective report ([www.ruukki.com/Corporate-responsibility](http://www.ruukki.com/Corporate-responsibility)). Social responsibility behaviour is entrenched in the company culture.

<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.