



European Investment Bank (EIB)

Luxembourg, 08/06/2019

Environmental and Social Completion Sheet (ESCS)

Overview

Project Name:	ALFA LAVAL FLUID DYNAMICS RDI II
Project Number:	2012-0605
Country:	Sweden, France
Project Description:	The project concerns RDI investments in separation, heat transfer and fluid technologies for 2013-2016.

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 carried out in authorised existing facilities. Overall, the project had been assessed as acceptable.

The project R&D activities are related to improving the efficiency and functional performance of their product range in the areas of (i) Heat transfer and more specifically on compact gasketed and brazed heat exchangers and heat transfer systems, (ii) Separation including high speed separators and decanter centrifuges, and (iii) Fluid handling focusing mainly on pumps, valves and fluid handling automation systems.

The improved performance of heat exchanger products has direct impact on energy savings in a large number of applications that they are deployed. Alfa Laval's products are utilised in many environmental improvement and protection processes such as the cleaning of wastewater and the reduction of sludge volumes, recycling of effluents, desalination of sea water, cleaning of ballast water and treatment of bilge water on-board ships, clean air applications through reduction of CO₂ emissions sulphur and NO_x emissions, and cleaning of crankcase gases from diesel engines.

The company has an environmental strategy that covers both manufacturing processes and eco-design of products, supported by Life Cycle Assessments on the products. In 2017, all sites except recent acquisitions had an environmental management system in place. The 26 production sites with ISO 14001 certification accounted for about 95 percent of the delivery value (the goal is to have a certification level of at least 95%).

Summary opinion of Environmental and Social aspects at completion:

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