

Environmental and Social Data Sheet

Overview

Project Name:	<i>XYLEM WATER TECHNOLOGIES II</i>
Project Number:	<i>2015-0844</i>
Country:	Sweden, Germany, Italy, United Kingdom, Hungary, and Austria
Project Description:	The project concerns activities in the research, technical innovation and product development for the development of technologies and products for the water industry and more specifically in the areas transport, analysis and transport of water. The project will be implemented at the promoter's European locations from 2017 to the end of 2019.
EIA required:	no
Project included in Carbon Footprint Exercise ¹ :	no

Environmental and Social Assessment

Environmental Assessment

The environmental impact of the RDI operations is negligible.

The innovative water systems and services developed by the promoter, based on Internet-of-Things technology and low life-cycle cost, will help to use, treat and reuse water more efficiently. The R&D is also geared towards providing resilience against floods with dewatering technologies. As such, the project addresses EU's key water challenges – climate adaptation, water scarcity and pollution.

Other Environmental and Social Aspects

Company

The company has published a corporate [Climate Change Policy](#), which sets forth a commitment to developing solutions to the water-related challenges associated with climate change through its products, operations, employees, stakeholder engagement, corporate citizenship and social investment.

The company conducts most of its business with local suppliers, and all suppliers - regardless of size or location - are expected to adhere to Xylem's global standards.

The company is a member of several water- and sustainability-related organizations, such as Ceres, the UN Global Compact, the U.S. Water Alliance and the Value of Water Coalition, and participates in and sponsors leading water-industry events.

Products

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.

The company develops products that use less energy and require the use of fewer or no chemicals, which decreases waste that can harm the environment and lowers the overall resources consumed in the product's lifecycle.

Operation

In 2015, the company introduced a set of goals that define measurable targets to achieve the following company-wide operational improvements:

- 25% reduction in water use intensity by 2019
- 20% reduction in greenhouse gas emission intensity by 2019
- 20% reduction in waste to landfill per dollar of revenue by 2019
- Reduce injury frequency rate to less than 0.5 and injury severity rate to less than 6.0 by 2017

Conclusions and Recommendations

The project concerns investments in research and development that will be carried out in existing facilities already authorised. An Environmental Impact Assessment (EIA) is therefore not required by EIA Directive 2011/92/EU, as amended. The project per se does not have any impact on the environment and its outcome is expected to have positive impact in terms of climate mitigation and adaptation – improved energy efficiency and water reuse systems.

Therefore the project is overall considered as environmentally acceptable with positive residual impact.