

**Public**

## Environmental and Social Data Sheet

### Overview

Project Name:	JUNGHEINRICH INTRALOGISTICS SOLUTIONS RDI
Project Number:	2019-0468
Country:	GERMANY
Project Description:	The project concerns the promoter's Research, Development and Innovation (RDI) activities in the field of intra-logistic solutions and in particular focuses on the areas of (i) electro mobility, (ii) digital products and automation as well as (iii) logistic system solutions. The project covers the period between 2020 and 2022 and will be carried out in the promoter's existing R&D centres located in Germany.
EIA required:	no
Project included in Carbon Footprint Exercise <sup>1</sup> :	no

### Environmental and Social Assessment

#### Environmental Assessment

RDI activities on intralogistic solutions and related technologies are not listed in any of the annexes of the Environmental Impact Assessment (EIA) Directive 2014/52/EU amending the Directive 2011/92/EU. The financed activities will be carried out in already-authorized existing facilities, that will not change their scope due to the project, thus not requiring any additional environmental permits.

#### Other Environmental and Social Aspects

The promoter's production plants in Norderstedt, Lüneburg, Moosburg, Degernpoint, Landsberg and Qingpu (China) and several sales units as well as the headquarters which was awarded a gold certificate by the German Sustainable Building Council (Deutsche Gesellschaft für Nachhaltiges Bauen – DGNB e.V.) are certified ISO 14001. Moreover the production plants in Norderstedt, Lüneburg, Moosburg, Degernpoint, Landsberg are also certified ISO 50001, which shows that environmental aspects are well integrated into the promoter's management guidelines and processes.

In 2011 the promoter became the first manufacturer of material handling equipment to receive the ISO 14040 product lifecycle assessment certification from TÜV Nord; the promoter's systematic product life cycle management covers the manufacturing, use and refurbishment stages.

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<sup>1</sup> Only projects that meet the scope of the Carbon Footprint Exercise, as defined in the EIB Carbon Footprint Methodologies, are included, provided estimated emissions exceed the methodology thresholds: 20,000 tonnes CO<sub>2</sub>e/year absolute (gross) or 20,000 tonnes CO<sub>2</sub>e/year relative (net) – both increases and savings.

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Part of the project, by financing RDI activities in the field of electric trucks, is expected to support the promoter's competitiveness in the field of electro mobility by further enhancing its vertical integration in areas such as the development, production and sales of (Lithium-ion) battery-based trucks, charging systems and power units. Sustainability and environmental compatibility assessment are carried out during the product development phase to allow setting-up ecological milestones and design criteria to be implemented in the final products. The project is therefore expected to have positive environmental externalities.

## **Conclusions and Recommendations**

In the light of the above, the project is eligible for the Bank's financing from the environmental point of view.