

Environmental and Social Data Sheet

Overview

Project Name: EDEKA REGIONALLAGER BERBERSDORF
 Project Number: 2013-0091
 Country: Germany
 Project Description: Construction of retail goods warehouse/ distribution centre in Berbersdorf (Saxony)

EIA required: No

Project included in Carbon Footprint Exercise¹: No

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

The proposed project is to rationalise Edeka's logistics activities in the region by replacing two technically unsatisfactory existing warehouses with one, new, state-of-the-art warehouse in a more appropriate location. This should have three economic, environmental and social benefits:

- Transport Efficiency: A reduction in truck movements and overall distance travelled between the two existing locations;
- Resource Efficiency: There will be a reduction in energy consumption through fewer truck movements and more energy efficient chilled and frozen goods storage;
- Improved Working Conditions: A safer working environment;

Environmental and Social Assessment

Environmental Assessment

- The proposed new logistics centre will be on an industrial zone with immediate access to the motorway and trunk road network. An EIA was not required by the Competent Authority.
- The existing sites, which are in urban/village locations, do not reflect changes in the distribution of Edeka stores in the region, or its planned growth. The combination of the new location and improved operating systems and practices will result in fewer truck movements with shorter distances travelled overall.
- The reduced distances and number of truck movements is partly due to the improved location, but also to the application of automation, machine assisted picking, and load consolidation, which allows a higher density of packing of the trucks, reducing the number of trucks required to service a given number of stores;
- The new structure, as well as incorporating photo-voltaic arrays, is also designed to make optimal use of refrigerated air by cascading it from the coldest zones (sub-zero

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.

storage) to the lowest level of chill (bananas and plants) within the building. The new building is significantly more energy efficient than the ageing existing structures.

- The improved management, handling and chill systems will reduce the proportion of product lost through damage in handling, and reduce the proportion of a product's shelf life which is spent in the distribution system.

Social Assessment, where applicable

- The new warehouse will employ a high degree of automation for bulk storage and more ergonomically effective stock picking, etc. Many existing manual lifting, stacking and picking processes will be replaced, reducing the risk of injury and the number of work-related accidents;
- Although the proposed investment is important to maintain Edeka's position in a highly competitive sector, the consolidation of logistics activities will result in relatively fewer jobs in the short term: although these should be of a higher quality, with a greater job content and less risk of physical injury;
- A social plan has been put in place to minimise the impact on the affected employees.

PJ/ECSO 10.07.12