

KION Group (STILL)

ESTIMATED CUMULATIVE RESULTS (2013)

The KION Group (STILL) is a worldwide leading provider of forklifts, warehouse equipment and other industrial trucks, and is the market leader in Europe. Having integrated KION Baoli (Jiangsu) Forklift Co., Ltd. – its Chinese joint venture – in January 2009, the KION Group is also the largest foreign manufacturer of forklift trucks in China.

This report relates to the STILL brand, and focusses on its main production plant in Hamburg, Germany. STILL started focusing on energy and water management and reporting as part of a broader initiative aimed to obtain first time ISO certification in energy management systems in 2013.

650
METRIC TONS OF GHG EMISSIONS AVOIDED

5%
GHG EFFICIENCY IMPROVEMENT

Key Environmental Performance Area: GREENHOUSE GAS EMISSIONS (FACILITIES)

RESULTS

In 2013, STILL continued measuring energy consumption in its manufacturing facilities as part of the Green Portfolio Program. In absolute terms, GHG emissions from these sources have decreased an estimated 2% compared to a 2012 baseline. Over the same time period, efficiency has improved by an estimated 5% (GHGs/forklift produced) and reduce the energy consumption per truck from 1168 kwh to 1106 kwh. The improvement in efficiency helped STILL to avoid roughly 650 metric tons of GHG emissions since 2012.

STILL: Manufacturing Plants Efficiency (2012 Baseline)

Estimated Results	2013	Total
Avoided GHGs (metric tons)	650	650
Change in productivity (GHG/square meter)	-5%	-5%
Change in absolute GHGs	-2%	-2%

Notes:

- See [methodology section](#) for description of avoided and efficiency calculations.
- The total % change is aggregate change between the baseline year and the most recent year of data. All other % changes are expressed as year-over-year.
- Reported numbers are rounded and may not produce the same results when used to analyze percent changes or total impact.

ACTIONS

In 2013, STILL achieved these results by the following initiatives:

- Pursuing preparatory measures for successful ISO 50001 certification, which was achieved in November 2013

FUTURE PLANS

Apart from the strategic objective to successfully obtain ISO certification in 2013, STILL is continuing to focus on improving energy efficiency through 2014 and is considering or actively implementing additional initiatives, including:

Awareness and support processes

- Improvement of employee and management awareness of the importance of efficient and sustainable energy management
- Enhancement and optimization of the meters installed in the main areas of consumption
- Introduction of a process to conduct internal environmental and energy audits

Energy saving initiatives

- Reduction of electric energy for operating the compressor station, by minimizing of pressure air leaks, by 50%
- Implementation of a process for lowering air pressure in the production-free time
- Connection of the chiller (Building 209) to the electric-max limitation by the building control unit to reduce the power share of electricity delivery

STILL enrolled in the Green Portfolio Program in 2013 and is reporting results for the first time.

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