

Bis Industries Limited

ESTIMATED CUMULATIVE RESULTS (2013)

Bis Industries is the leading provider of specialist logistics solutions to the resources sector in Australia.

\$345K

IN AVOIDED ENERGY COSTS

934

METRIC TONS OF GHG EMISSIONS AVOIDED

4%

GHG EFFICIENCY IMPROVEMENT

Key Environmental Performance Area: GREENHOUSE GAS EMISSIONS (FLEET)

RESULTS

In 2013, as part of the Green Portfolio Program, Bis Industries measured and managed fuel consumption at four fleet sites where it has operational control against a 2012 performance baseline.

In absolute terms, GHG emissions from this portion of the fleet increased approximately 5% compared to a 2012 baseline due to an increase in fuel consumption, while efficiency improved approximately 4% (GHG /L/t-1000 hour) during the same period. The improvements in efficiency helped Bis Industries to avoid approximately \$372,000 AUS in costs, or approximately \$345,000, and estimated 934 metric tons of GHG emissions since 2012.

Bis Industries: Fleet GHG Efficiency (2012 Baseline)

Estimated Results	2013	Total
Avoided GHGs (metric tons)	934	934
Avoided costs	\$345,000	\$345,000
Change in productivity (GHGs/L/t-1000 hour)	-4%	-4%
Change in absolute GHGs	5%	5%

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, Bis Industries achieved its greenhouse gas emissions results by implementing the following practices:

- Completed energy assessments of a portion of its controlled fleets to identify the high-impact fuel-efficiency improvement activities for each type of vehicle
- Developed business-specific metrics to help measure and track the efficiency of the fleet

FUTURE PLANS

Through 2014 and in the coming years, Bis Industries is expanding its fuel efficiency program and is considering or actively implementing additional improvements, such as:

- Completing an internal benchmarking process to reveal particularly energy efficient equipment and behaviours to replicate, or inefficiencies to manage
- Implementing best practices learned from pilot programs on the following technology and activities:
 - Auxiliary power systems
 - Low rolling resistance tires
 - Improved aerodynamics
 - Driver training

Bis Industries enrolled in the Green Portfolio Program in 2010 and is communicating as part of the program for the first time. For more information on Bis Industries' sustainability program, visit the company's website.

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