



# 2014 Sustainability Report



Munters Corporation  
Lansing, Michigan Factory

2691 Ena Drive  
Lansing, MI 48917

Date: 12-31-2014

## **“We take our Corporate Social Responsibilities seriously.”**

As a global leader in energy efficient air treatment solutions, we at Munters take our Corporate Social Responsibility seriously. We understand how we impact the world we all live in.

This is why at Munters we work every day to create “Your Perfect Climate”. For our customers we provide products and solutions that reduce their energy consumption. This contributes to the reduction of the world’s emissions.

In our manufacturing we have a sustainable approach, focusing on efficient usage of natural resources, while reducing and recycling our waste. Because at Munters, one of our core values is to think “there is always a better way”.

We have made significant improvements but we pledge to always seek opportunities to improve our products as well as our manufacturing practices.

Munters will continue to be a part of creating a sustainable future for everyone.

**John-Peter Leesi**

CEO, Munters AB

# 2014 Objectives & Targets Summary

*EH&S Corporate Objectives for manufacturing sites: (baseline 2013, target EOY 2015)*

## Corporate Objective #1

Implement or refine an *Environmental, Health, & Safety Management Program*

**Target:** Develop an EH&S Program and integrate into our daily business management systems.

**Result:** A formal EH&S Program is under development.

## Corporate Objective #2

Drive continuous improvements through a prioritized *EH&S Facility Risk-Aspect List*

**Target:** To perform and assess, select and prioritize our EH&S Risk-Aspects and drive risk reduction within each chosen aspect. Risk reduction shall be measured by the aspect scoring system.

**Result:** The Aspect list was not developed in 2014. It will be reassessed in 2015's strategy.

## Corporate Objective #3

Reduce *TRIR Rate* by 10% (*e.g. outside medical treatment, lost work days, restricted duty*)

**Target:** Reduce our 2013 TRIR Rate from 5.4 to 4.86 by improving our injury root cause analysis process and our corrective actions effectiveness.

**Result:** The Michigan TRIR rate for 2014 was 7.5. We will continue our reduction strategies into 2015.

## Corporate Objective #4

Reduce *Energy / Resource Use* (*e.g. electricity, natural gas, propane, diesel, oil, water*)

**Target:** Reduce electricity use throughout our administration and manufacturing facilities through curtailment practices, more efficient machinery, and refined lighting and HVAC use.

**Result:** No significant projects implemented in 2014.

## Corporate Objective #5

Reduce *Water* consumption and/or waste of processes or factory (*reduces, reuse, recycle or capture*)

**Target:** No water is used in any manufacturing processes. Water is used for life consumption only.

**Result:** No significant projects implemented in 2014.

## Corporate Objective #6

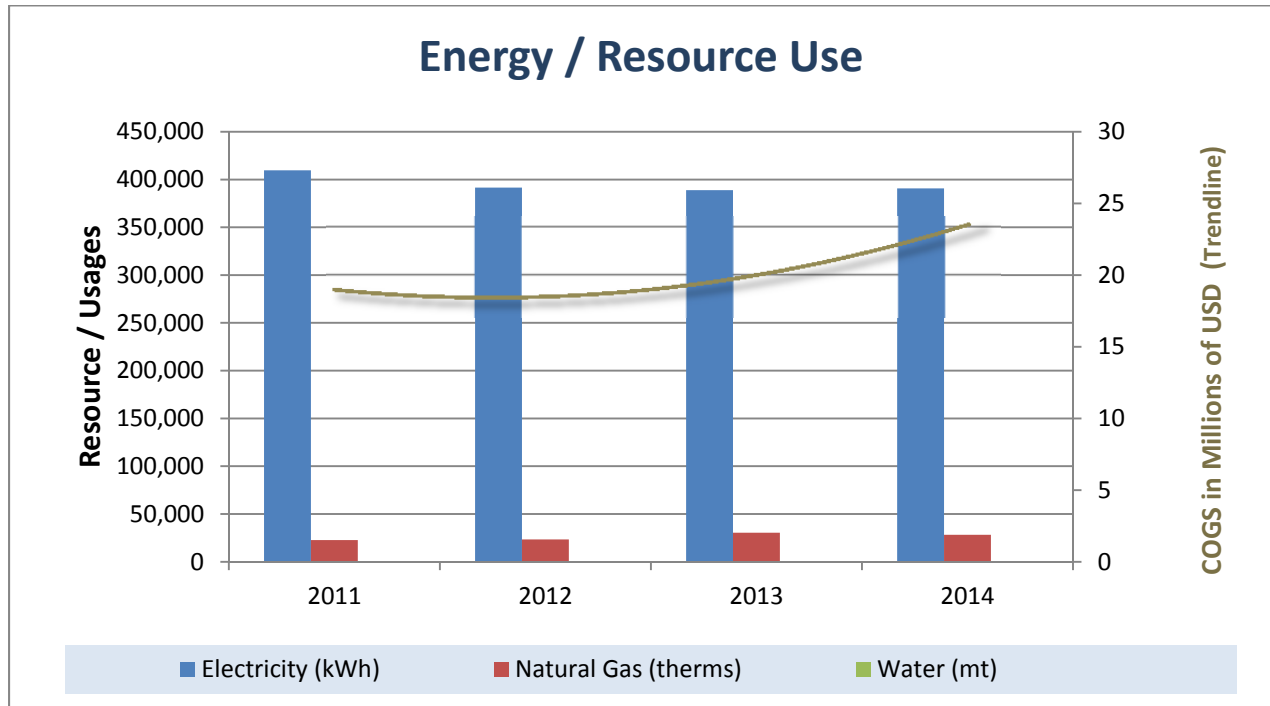
Reduce *Non-Recycled* type waste (*non-recycled wastes, reduce, reuse or recycle*)

**Target:** All recyclable waste is currently being recycled. A formal recycling program is in place since 2010.

**Result:** Recycling program was maintained through 2014.

# Performance Data Summary

## Environmental Performance Data



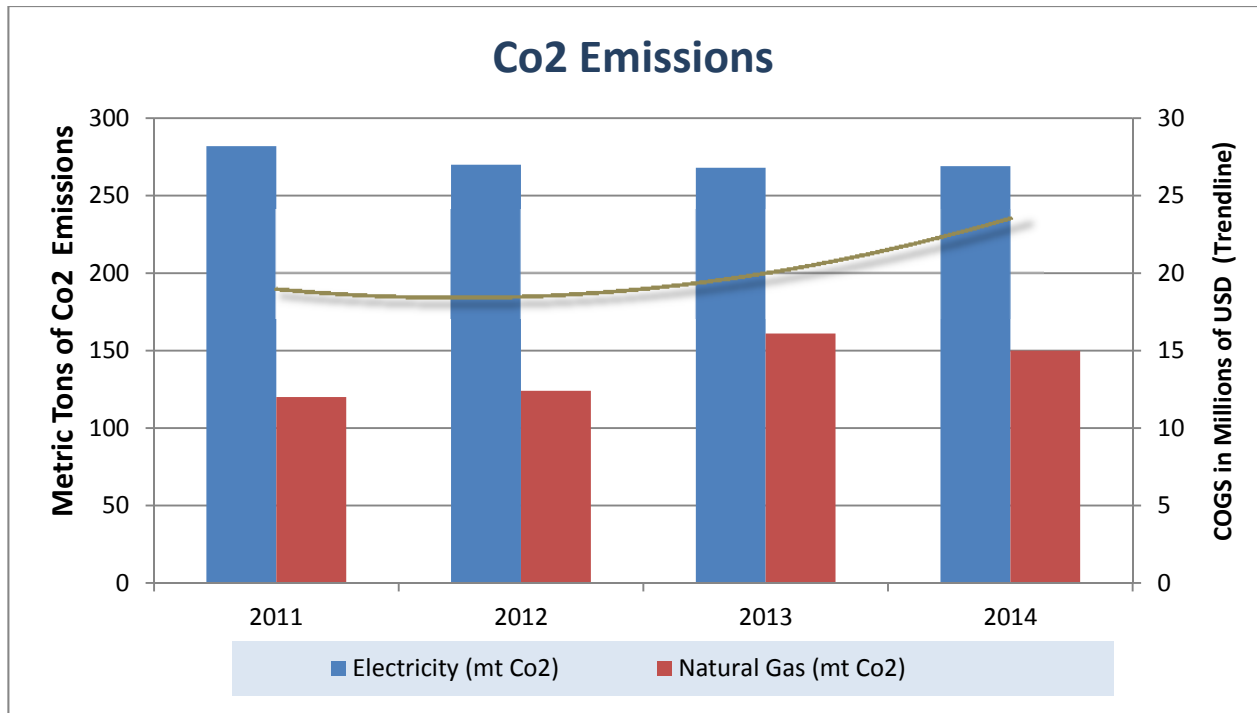
<u>Usage</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Electricity (kWh)	409600	391600	388800	390800
Natural Gas (therms)	22619	23430	30418	28305
Water Usage (mt)	N/A	N/A	N/A	N/A

**Notes:**

- Trend line represents manufactured COGS

**Summary:**

- No water used in production processes. Only used for Human consumption



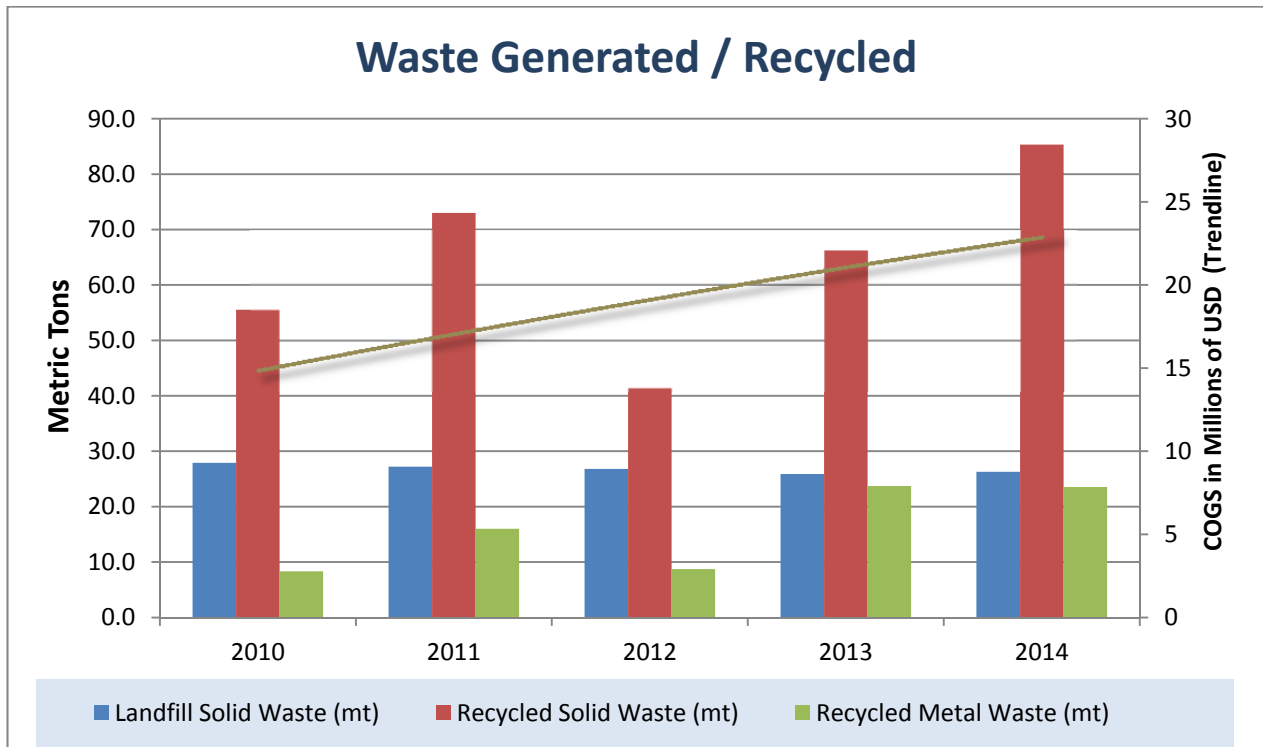
<b><u>CO2 Emissions</u></b>	<b><u>2011</u></b>	<b><u>2012</u></b>	<b><u>2013</u></b>	<b><u>2014</u></b>
Electricity (mt)	282	270	268	269
Natural Gas (mt)	120	124	161	150
Total CO2 Emissions (mt)	402	394	429	419

**Notes:**

- “Note: if part of energy used is “renewable source energy”, comment this here”
- Trend line represents manufactured COGS
- All emissions calculated through EPA’s emission calculator (mt/co2)  
<http://www.epa.gov/cleanenergy/energy-resources/calculator.html>

**Summary:**

No significant changes or increases for 2014.



<u>Waste/Recycled</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Solid Waste to Landfill (mt)	27.9	27.2	26.8	25.9	26.3
Solid Waste Recycled (mt)	55.5	73.0	41.5	66.2	85.3
Metals Recycled (mt)	8.3	16.0	8.7	23.7	23.6

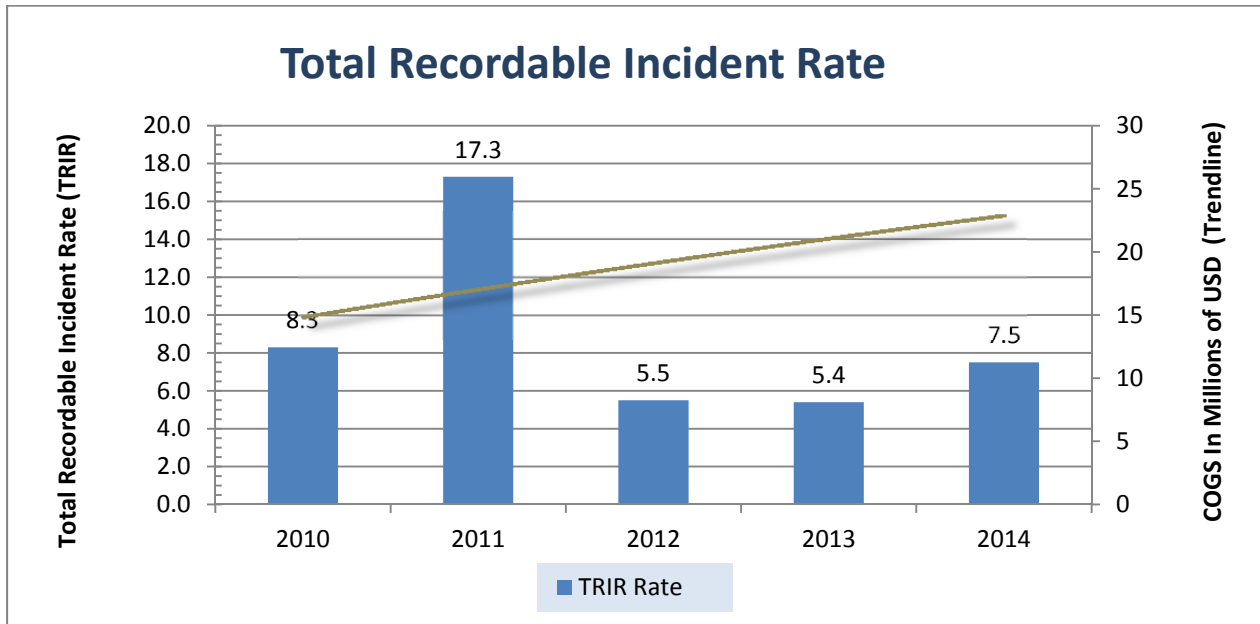
Notes:

- Trend line represents manufactured COGS
- All data is raw, not normalized; therefore increases are due to throughput increases unless otherwise noted.

Summary:

Complete facility recycling program started in 2010

## Safety & Health Performance



<u>Safety Rates</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
TRIR	8.3	17.3	5.5	5.4	7.5

**Notes:**

- TRIR Industry Average (US) = 5.9 (Based on BLS 2011 Q1 NAICS tables – 333415 /50-250)
- Trend line represents manufactured COGS.

**Summary:**

The Michigan TRIR rate for 2014 was 7.5. We will continue our reduction strategies into 2015