



# 2016 Sustainability Report



Munters Corporation  
Fort Myers, Florida Factory

210 Sixth Street  
Fort Myers, Florida 33907

Date: 12-31-2016

## **“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

# 2016 Objectives & Targets Summary

*EH&S Corporate Objectives for manufacturing sites*

## Corporate Objective #1

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

**Target:** Refine the current EH&S Program(s) and further integrate into our daily business management systems.

**Result:** EH&S programs in place, continuous improvement initiatives in place.

## Corporate Objective #2

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

**Target:** To 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:** EH&S Facility Risk-Aspect List incomplete.

## 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 4.3 to 3.9 by improving our injury root cause analysis process and our corrective actions effectiveness, with emphasis on injury trends.

**Result:** Failed to reach 3.9 (2016 actual 5.6), but continue to drive continuous improvement through more effective investigation, root cause analysis and communication.

## 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:** Energy improvement initiatives implemented, but electrical consumption for 2016 was flat when compared to 2015 (normalized)

## Corporate Objective #5

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

**Target:** Reduce our potable water use by means of developing a system to more quickly recognize leaks.

**Result:** Process water consumption is nominal, but we continue to identify opportunities to reduce other water consumption points.

## Corporate Objective #6

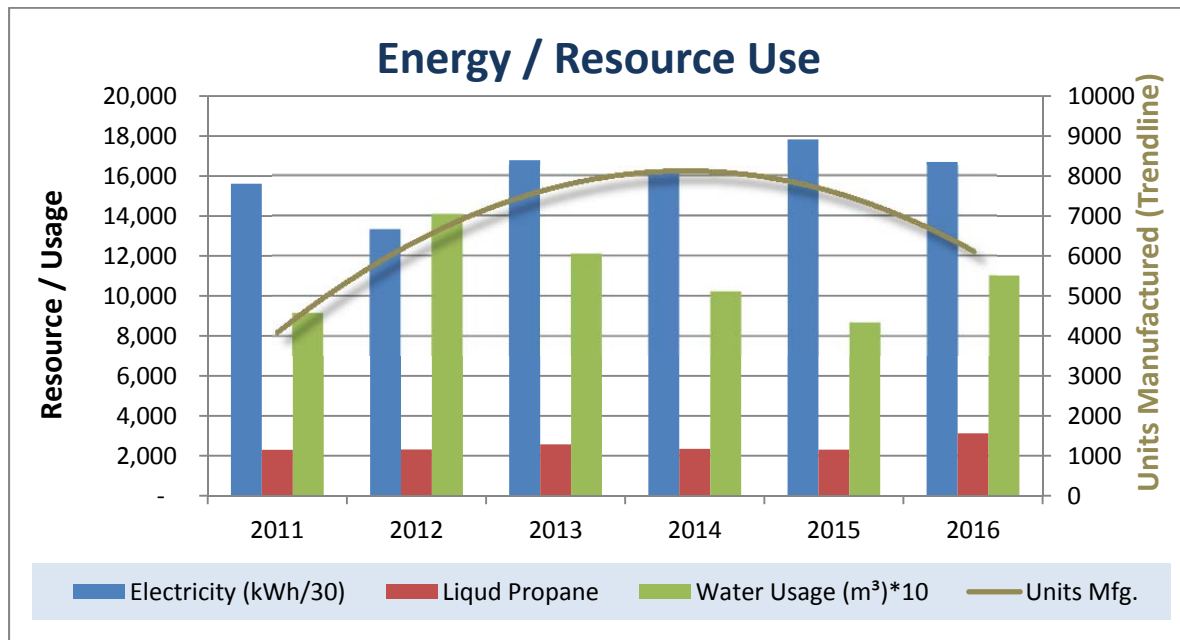
Reduce *Non-Recycled* type waste (*non-recycled wastes, reduce, reuse or recycle*)

**Target:** Recycle some of our wood pallets to our metal suppliers.

**Result:** Unable to find metal suppliers to recycle pallets. Continue to pay to have the removed from site. Currently, evaluating other recycling alternatives.

## Performance Data Summary

### Environmental Performance Data



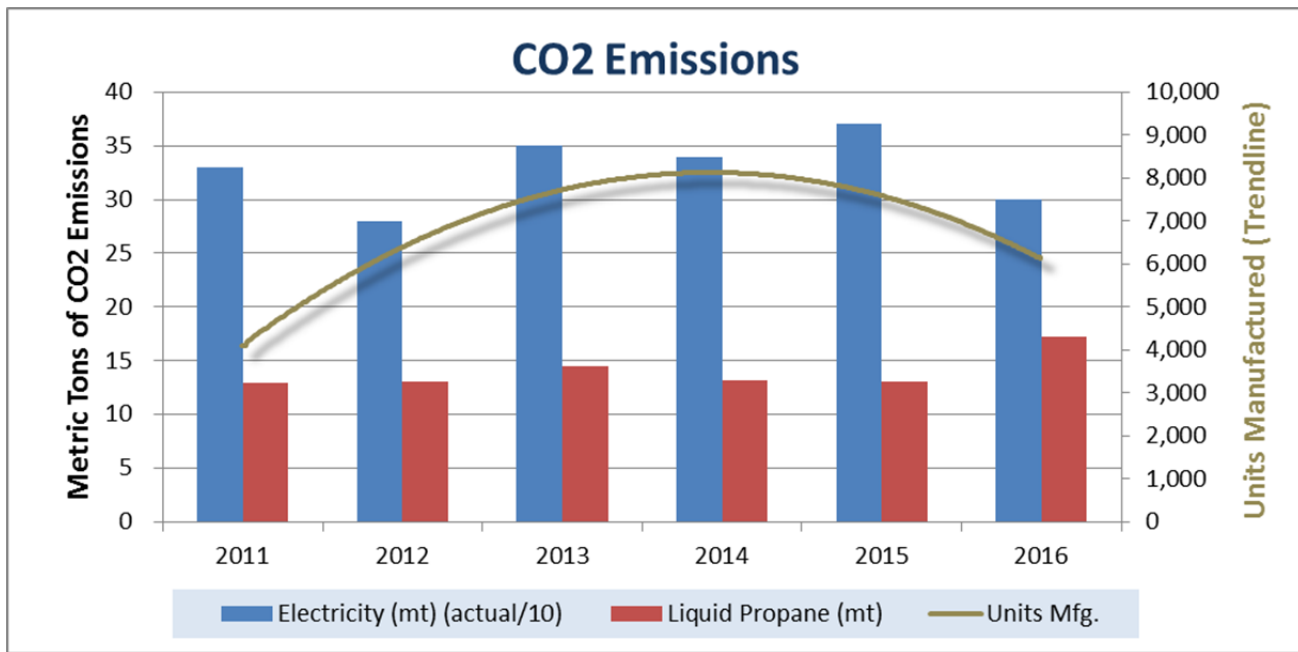
| Resource / Usage        | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
|-------------------------|--------|--------|--------|--------|--------|--------|
| Electricity (kWh/30)    | 15,610 | 13,313 | 16,788 | 16,272 | 17,832 | 16,702 |
| Liquid Propane          | 2,296  | 2,318  | 2,569  | 2,345  | 2,310  | 3,127  |
| Water Usage (m³)*10     | 9,160  | 14,080 | 12,100 | 10,221 | 8,669  | 11,020 |
| Units Mfg. = COGS (000) | 4,210  | 5,562  | 9,165  | 7,605  | 7,006  | 6,481  |

**Notes:**

- Trend line represents COGS

**Summary:**

- Replaced high intensity fluorescent lights/fixtures in bld. #6 to LED in 2016.
- Replaced metal halide lights in building #9 to high intensity fluorescent fixtures in 2012.
- Reduced the number of fork lift trucks from 5 to 4 reducing propane usage.



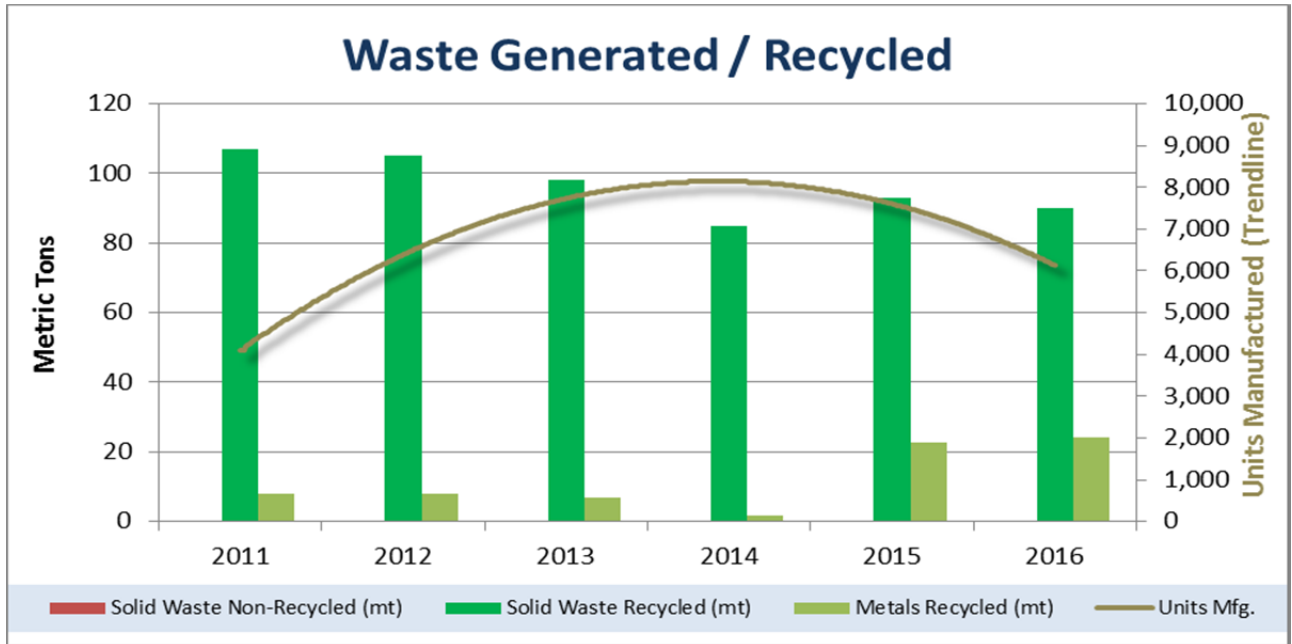
| CO2 Emissions                | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  |
|------------------------------|-------|-------|-------|-------|-------|-------|
| Electricity (mt) (actual/10) | 33    | 28    | 35    | 34    | 37    | 30    |
| Liquid Propane (mt)          | 13    | 13    | 14    | 13    | 13    | 17    |
| Total CO2 Emissions (mt)     | 46    | 41    | 49    | 47    | 50    | 47    |
| Units Mfg. (COGS - (000))    | 4,210 | 5,562 | 9,165 | 7,605 | 7,006 | 6,481 |

**Notes:**

- 
- Trend line represents COGS
- All emissions calculated through EPA's emission calculator (mt/co2)  
<http://www.epa.gov/cleanenergy/energy-resources/calculator.html>

**Summary:**

- Same as Energy use.



| Waste Recycled                | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  |
|-------------------------------|-------|-------|-------|-------|-------|-------|
| Solid Waste Non-Recycled (mt) | 0     | 0     | 0     | 0     | 0     | 0     |
| Solid Waste Recycled (mt)     | 107   | 105   | 98    | 85    | 93    | 90    |
| Metals Recycled (mt)          | 8     | 8     | 7     | 2     | 23    | 24    |
| Units Manufactured (COGS)     | 4,210 | 5,562 | 9,165 | 7,605 | 7,006 | 6,481 |

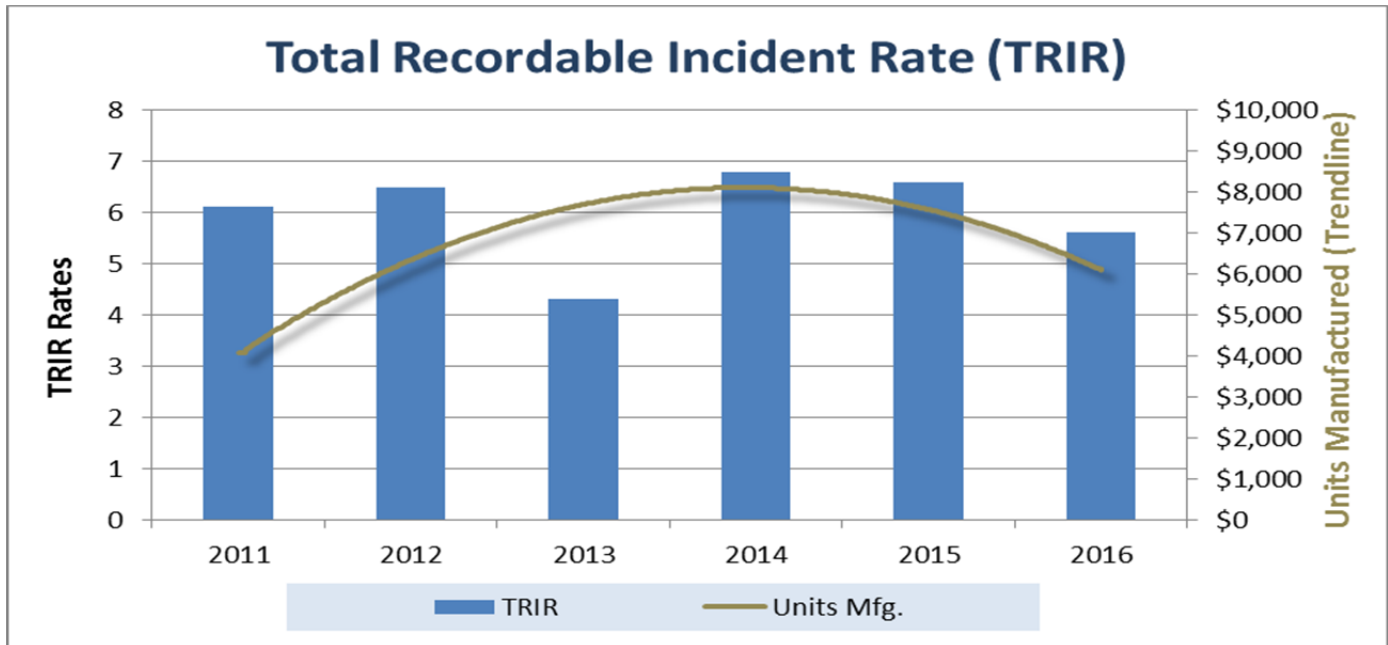
**Notes:**

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

**Summary:**

- Instituted program to reuse some pallets for domestic shipping.
- Instituted program to recycle PP drop to vendor to be recycled in their manufacturing process.

## Safety & Health Performance



| Safety Rates              | 2011    | 2012    | 2013    | 2014    | 2015    | 2016    |
|---------------------------|---------|---------|---------|---------|---------|---------|
| TRIR                      | 6.1     | 6.5     | 4.3     | 6.8     | 6.6     | 5.6     |
| Units Manufactured (COGS) | \$4,210 | \$5,562 | \$9,165 | \$7,605 | \$7,006 | \$6,481 |

**Notes:**

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

**Summary:**

- Cross functional safety committee established in 2013 meeting every two weeks.
- All accidents reviewed in monthly communication meeting.