



2015 Sustainability Report



Munters Corporation

China, Beijing Factory

No.12 YuHua Road

China, Beijing

Date: 12-31-2015

“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

2015 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: Refine the current EH&S Program(s) and further integrate into our daily company business management systems

Result: After get certificate of ISO14001&OHSAS 18001 by end of 2013, more detailed EH&S Program(s) are integrated into our daily operation actions, such as working protection guideline and Safety inspection system, more practical EHS actions will be done in future.

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: Has accomplished yearly assessment in August of 2015. .

Corporate Objective #3

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

Target: Reduce our 2015 TRIR Rate from 5.65 to 5.0 by improving our injury root cause analysis process and our corrective actions effectiveness, with emphasis on injury trends.

Result: Actual 2015 TRIR Rate was 4.1, which got the 2015 target 5.0

Corporate Objective #4

Reduce **Energy / Resource Use** by **6%** (*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 / Resource Use (especially electricity) was increased compared with 2014, which caused by business booming in 2015.

Corporate Objective #5

Reduce **Water** consumption and/or waste of processes or factory by **6%** (*reduces, reuse, recycle or capture*)

Target: Reduce municipal water use by means of capturing our HVAC condensation water and capturing rain water, for use throughout our manufacturing processes.

Result: Water consumption and/or waste of processes increased compared with 2014, which caused by business booming in 2015.

Corporate Objective #6

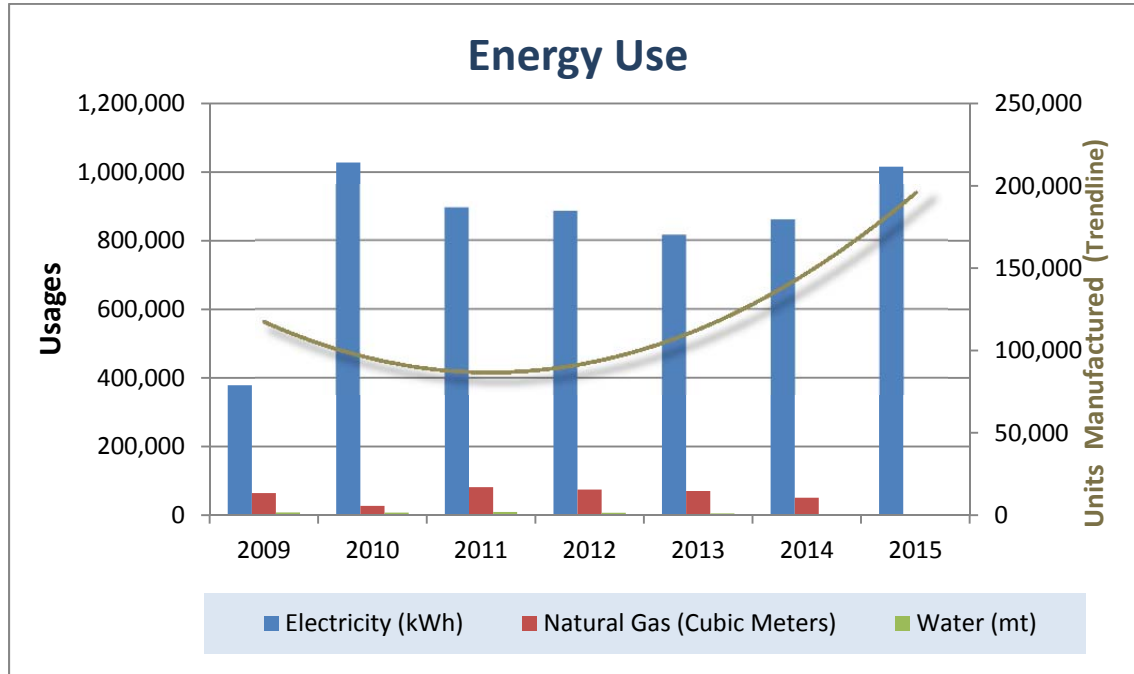
Reduce **Non-Recycled** type waste by **5%** (*non-recycled wastes, reduce, reuse or recycle*)

Target: Redirect our non-recycled wood waste to a wood recycle center. While further reducing wood waste in conjunction with our suppliers, by use of reusable containers.

Result: Waste of processes increased compared with 2014, which caused by business booming in 2015.

Performance Data Summary

Environmental Performance Data



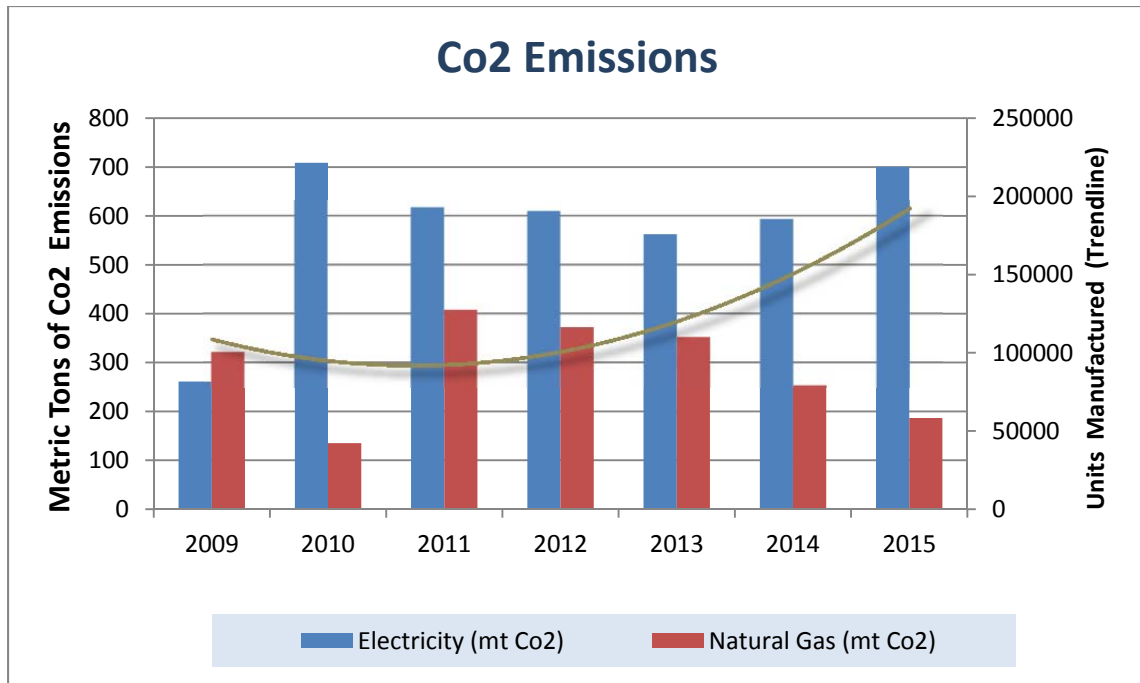
<u>Usage</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>
Electricity (kWh)	378,800	1,028,000	894,886	884,220	815,372	860,000	1,015,972
Natural Gas (therms)	64,300	27,000	81,500	74,463	70,399	50,636	37,300
Water Usage (mt)	7,774	7,452	13,434	6,895	5,167	6,120	7,504

Notes:

- Trend line represents finish goods/units manufactured

Summary:

1. The lower consumption of NG is due to lower volume of pad production 2015;
2. We made some rational plan and take actions to better control.
3. Energy / Resource Use (especially electricity) was increased compared with 2014, which caused by business booming in 2015.



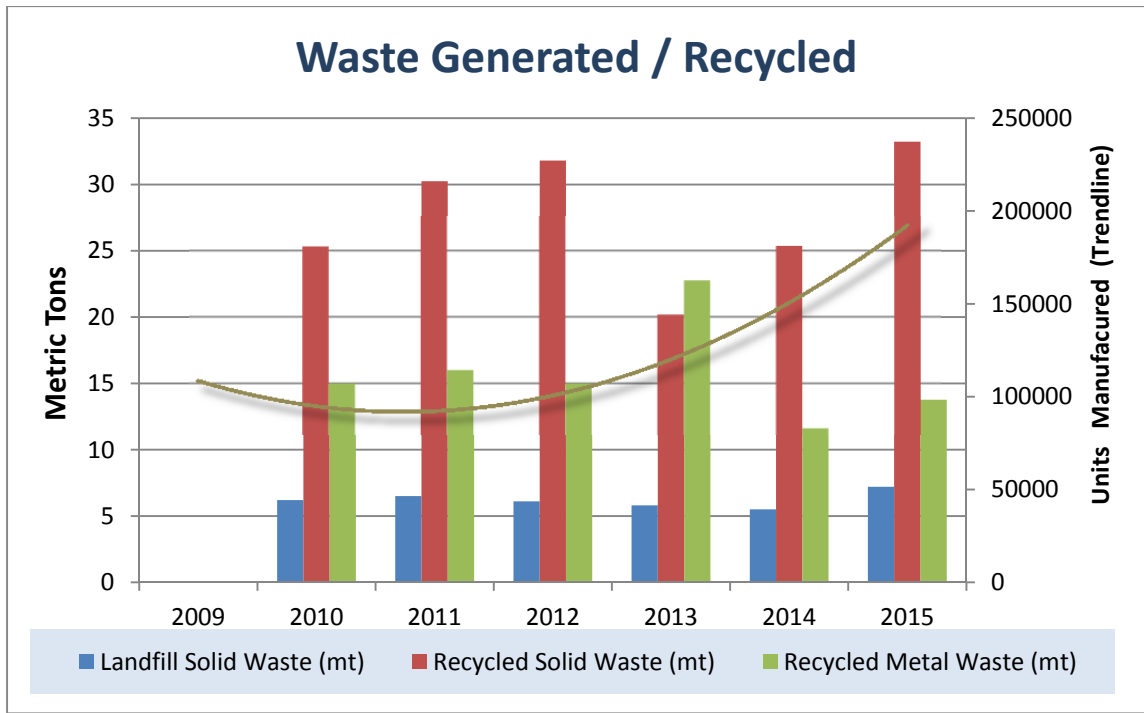
<u>CO2 Emissions</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>
Electricity (mt)	261	709	617	610	562	593	701
Natural Gas (mt)	322	135	408	372	352	253	187
Total CO2 Emissions (mt)	583	844	1,025	982	914	846	888

Notes:

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

Summary:

1. The lower consumption of NG leads to lower CO2 emission;
2. We made some rational plan and take actions to better control.
3. Energy / Resource Use (especially electricity) was increased compared with 2014, which caused by business booming in 2015.



Waste/Recycled

	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>
Solid Waste to Landfill (mt)		6.2	6.5	6.1	5.8	5.5	7.2
Solid Waste Recycled (mt)		25.303	30.252	31.806	21.189	25.354	33.225
Metals Recycled (mt)		15	16	15	22.747	11.606	13.764

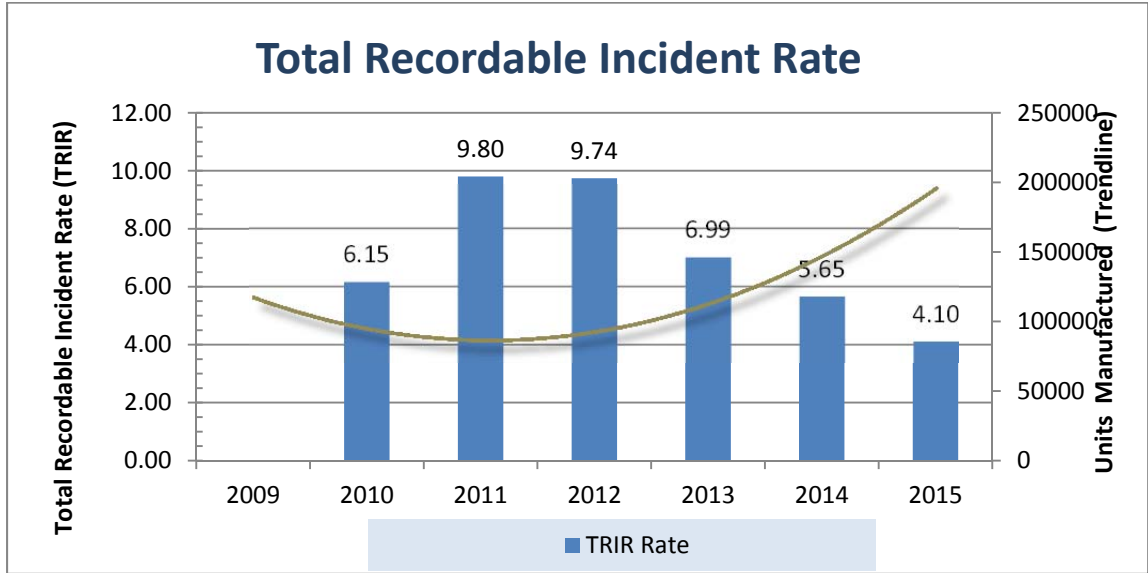
Notes:

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

Summary:

1. As the quick increase of production volume in 2015, waste/recycled also increased.

Safety & Health Performance



<u>Safety Rates</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>
TRIR	6.15	9.80	9.74	6.99	5.65	4.1

Notes:

- TRIR formula: (Recordable Injuries X 200,000 / Total Labor Hours)
- Trend line represents finish goods / units manufactured.

Summary:

1. The EHS development&training in 2015 directly help us reduce the risk and physically hurt to workers.