

RESOURCE MANAGEMENT 

COMMUNICATION & OUTREACH 

When it comes to waste diversion, **Applied Materials** has drastically changed their material flow. The Austin campus went from a waste diversion rate of less than 5% to diverting more than 91% of all non-hazardous waste in less than 10 years. By developing and implementing a comprehensive recycling and reuse program throughout Applied Materials' campuses and manufacturing facilities, employees were trained and encouraged to shoot for a zero waste goal. Over 80% of Applied Materials' waste diversion comes from wood, plastic and cardboard. They also recycles paper, computers and monitors, batteries and toner cartridges; cafeteria items such as food, cooking grease, beverage cans and bottles; and building materials such as construction and demolition debris, fluorescent light bulbs, sheet metal and electrical wiring.



Key Impact: Resource Management
AGBL Status: Platinum Member | 2013
Liasion: Fazal Mohammed, Environmental Engineer

THE 6-STEP WASTE DIVERSION PROGRAM

<p>1</p>  <p>SOURCE REDUCTION</p> <ul style="list-style-type: none"> Work with suppliers and internal groups to reduce materials used for packaging Created take-back program 	<p>2</p>  <p>MATERIAL REUSE</p> <ul style="list-style-type: none"> Packaging and crating materials are reused 	<p>3</p>  <p>IMPLEMENTATION</p> <ul style="list-style-type: none"> Specific practices for each of the main waste streams Color coded and labeled receptacles added for clarity.
<ul style="list-style-type: none"> Weekly inspection of waste docks, waste collection points, and semi-annual environmental audits Ensure program is running smoothly Identify opportunities for improvement 	<p>4</p>  <p>TRAINING</p> <ul style="list-style-type: none"> All employees and contractors were trained on Applied Materials' recycling program 	<p>5</p>  <p>AWARENESS</p> <ul style="list-style-type: none"> Communication campaign Track and report monthly metrics to keep organization up-to-date Recognized trends and responded to potential problems
<p>6</p>  <p>QUALITY CONTROL</p>		

Applied Materials, Inc. is the global leader in materials engineering solutions for the semiconductor, flat panel display and solar photovoltaic (PV) industries. Their technologies help make innovations like smartphones, flat screen TVs and solar panels more affordable and accessible to consumers and businesses around the world.

“**THE AUSTIN CAMPUS WENT FROM A DIVERSION RATE OF LESS THAN 5% IN 2005 TO DIVERTING 91%+ OF ALL NON-HAZARDOUS WASTE IN 2015!**”

RESOURCES:

About Applied Materials
www.appliedmaterials.com

Citizenship Report
www.appliedmaterials.com/files/2014_csr.pdf

Corporate Responsibility Blog
blog.appliedmaterials.com/corporate-responsibility

Green Business is Good Business. Being a part of Austin Green Business Leaders can help your company save money, expand market share, protect the environment, and support the community. To learn more about the program, visit: www.austintexas.gov/greenbusiness.