



Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

BD Diagnostic Systems



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Medical technology manufacturing
Member since April 2017

Management and Leadership

- Environmental Policy Statement**

<http://www.bd.com/aboutbd/safety/>

- Annual Environmental Goals**

BDXs' corporate wide goals are as follows:

2020 Environmental Targets



Sustainability Targets	2015 Target	Current Status	2020 Target (NEW)
* GHG Reduction (Energy Reduction+Renewable+ODS): Scope 1,2	-	-	-40%
Energy Reduction: Scope 1, 2	-30%	-20%	-40%
Renewable	25%	35%	50%
Water Conservation	-15%	-31%	-40%
Hazwaste Reduction	-10%	-57%	-60%
Waste Reduction (Reduce, Re-use)	-15%	-27%	-50%
Recycling	-	40%	>50%
VOC, HAPs (air emissions) reduction	-	-50%	-65%
ODS Reduction (specific target HCFC 141b)	-	-57%	-95%

All figures normalized to cost of goods sold (COGS), 2008 baseline, FXN neutral

* Absolute GHG reduction

Environmentally Preferable Purchasing

http://www.bd.com/Images/supplier_expectations_english_tcm49-9391.pdf

Waste

Solid Waste Reduction and Reuse

Total for BDDS Maryland facilities:

- *Landfill free as of January 2016*
- *Recycled 2,199,401 lbs single stream materials*
- *Sent 3,624,748 lbs of Municipal Solid Waste to Waste to Energy Facility*

Recycling

Total for BDDS Maryland facilities:

- *Recycled 2,199,401 lbs single stream materials*
- *\$439,578.49 savings*

Energy

Energy Efficiency

- *New control system to optimize operation of chillers, cooling towers and pumps. Installed VFD on one chiller & chilled water pumps to increase efficiency. Reduction of energy by 966,000 kWh*
- *Reduction in energy usage in boiler room through compressed air cooling tower at 250 Schilling facility.*
- *Replaced fluorescent bulbs with LED lighting at the 250 Schilling facility. Reduction of energy by 1.1 million kWh*

BD Diagnostics is committed to meeting our 2020 energy use reductions goals. At our Maryland facilities, we have implemented or plan to implement the following projects in 2017:

- *Chiller Upgrades*
- *Exterior LED Lighting*
- *Compressed Air System Optimization*
- *Compressed Air Cooling*
- *Improved Bin Drying DCM*
- *Injection Molding Heater Blankets PPM*

- *Dock Doors and Dock Seals*
- *Interior LED lighting project for 250 Schilling*
- *IPA Recycling for the Phoenix plant*

These continuous improvement (CI) projects are estimated to have a \$384,029 annual energy savings

Renewable Energy

BD Baltimore purchases renewable energy credits for 100% of its energy.



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at green.maryland.gov

