

# Recycling! Coming to a School Near You!

## Sustainability Management Plan



SWRAC Presentation  
April 23, 2015

# Why an SMP?

- Reduce our District's environmental impact and costs;
- Improve the health and wellness of schools, students, and staff; and
- Provide Education for Sustainability such as STEM, civic skills, and green career pathways



# GreenFutures Sustainability Management Plan

## Five Pillars:

- Education
- Efficiencies: Economy & Energy
- Engagement
- Environment
- Equity

**The Sustainability Management plan will be published on July 1, 2015**



# Focused Sub-Committees

- Consumption and Waste
- Education for Sustainability
- Energy and Efficiencies
- Green Schoolyards
- Healthy Schools



# Vision



- Our vision is that every student will receive a high quality education in a school that efficiently diverts its waste from landfills, thus reducing the school's carbon footprint and preserving the environment for future generations.



# Current Status of the District's Recycling Program

- Republic is the District's waste removal vendor – negotiating contract;
- 40 Schools per month starting in May
- Need for replicable school-based recycling program at every school – to be created by sub-committee.



# Where we have been...

- Curbside cardboard pickup via the Streets Department
- Independent school based efforts



# Recycling Tool Kit

- Support from the top
- What Principals and Teachers should know
- Step by Step Guide – Best management Practices
- Binventory
- Site Specific Recycling Plan





Year	Measurable Objective(s)	Initiative(s)
SY01	100% of schools will have the resources (i.e., tools, equipment and services) to recycle.	Create and communicate the hierarchy of the recycling program system to all stakeholders throughout District.
		Provide stakeholders with evidence that there is buy-in from the top about recycling at every facility.
		Provide appropriately sized recycling dumpsters to every facility.
		Provide step-by-step guide to recycling to all facilities.
		Assign Sustainability Coordinator to every facility.
		Complete a BINventory for every facility.
		Task every school with submitting a recycling plan by specified date every school year to show compliance with program.
		Incentivize sustainability the coordinator position.
		Incentivize the recycling program.
		Train Operations and Academic staff about roles and responsibilities of program.
	Define compliance with program and communicate requirements to all stakeholders.	
	Determine performance measurements.	Obtain funding (grant?) for a comprehensive waste audit to help establish a baseline for waste diversion.
Define a unit(s) of measurement (e.g., cost savings, tonnage, waste diversion rate, etc.) for performance monitoring of program.		

# Contributors

- EPA
- NIOSH
- Department of Energy
- PA IPM
- National Wildlife Federation
- American Lung Association
- Children's National
- City of Philadelphia: MOS, Streets/Recycling Dept., PWD, PDPH
- DVGBC
- PHS
- Philadelphia Zoo
- The Franklin Institute
- Fairmount Water Works
- Community Design Collaborative
- Keep Philadelphia Beautiful
- Recycle Bank
- PennFuture
- The Big Sandbox
- The Food Trust
- The Trust for Public Land
- Other School Districts: Including NYC, Boston, Detroit, N. Penn, Garnet Valley
- Colleges and Universities: Penn, Drexel & Bryn Mawr



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