



Why Recycle?



CECIL COUNTY DEPARTMENT OF PUBLIC WORKS

SOLID WASTE MANAGEMENT DIVISION

SINGLE STREAM RECYCLING



What can be recycled?

These items can be recycled in one container:



Paper

Newspaper
Envelopes
Junk Mail
Paperback books
Copy Paper
Paper bags
Catalogs
Magazines



Cardboard

Cardboard boxes
Frozen food boxes
Poster board
Milk Cartons
File Folders
Cereal boxes
Soda boxes
Cards & Card Stock



Plastic

Water bottles
Take out containers
Plastic jugs
Soda bottles
(lids on)



Aluminum/Metal

Aluminum beverage cans
Tin & steel food cans



Glass

Beverage bottles
Glass food jars



Non-recyclable

These items can not be recycled in single stream recycling:

Aerosol cans	Paint
Aluminum foil	Paper towels
Appliances	Phones
Baskets	Planters
Batteries	Plastic bags
Blinds	Plastic cutlery
Bubble wrap	Plastic film & wrap
Buckets	Plastic signs
Buoys	Pots & Pans
Canning jars	Propane Tanks
Carpet	Pyrex
CDs & DVDs	Scrap metal
Ceramic	Shredded paper
Clothing & shoes	Smoke detectors
Crates	Stickers / labels
Diapers	Stuffed animals
Dirty cardboard	Styrofoam
Electronics	Terracotta
Fishing line & nets	Tires
Fluorescent tubes	Tissue / Toilet paper
Food waste	Totes
Glass windows	Toys
Hazardous waste	Trash & Recycling cans
Holiday lights	VHS tapes
Light bulbs	Wires & cords
Mirrors	Wood
Motor oil containers	Yard waste
Napkins	
Needles & syringes	
Oil filters	

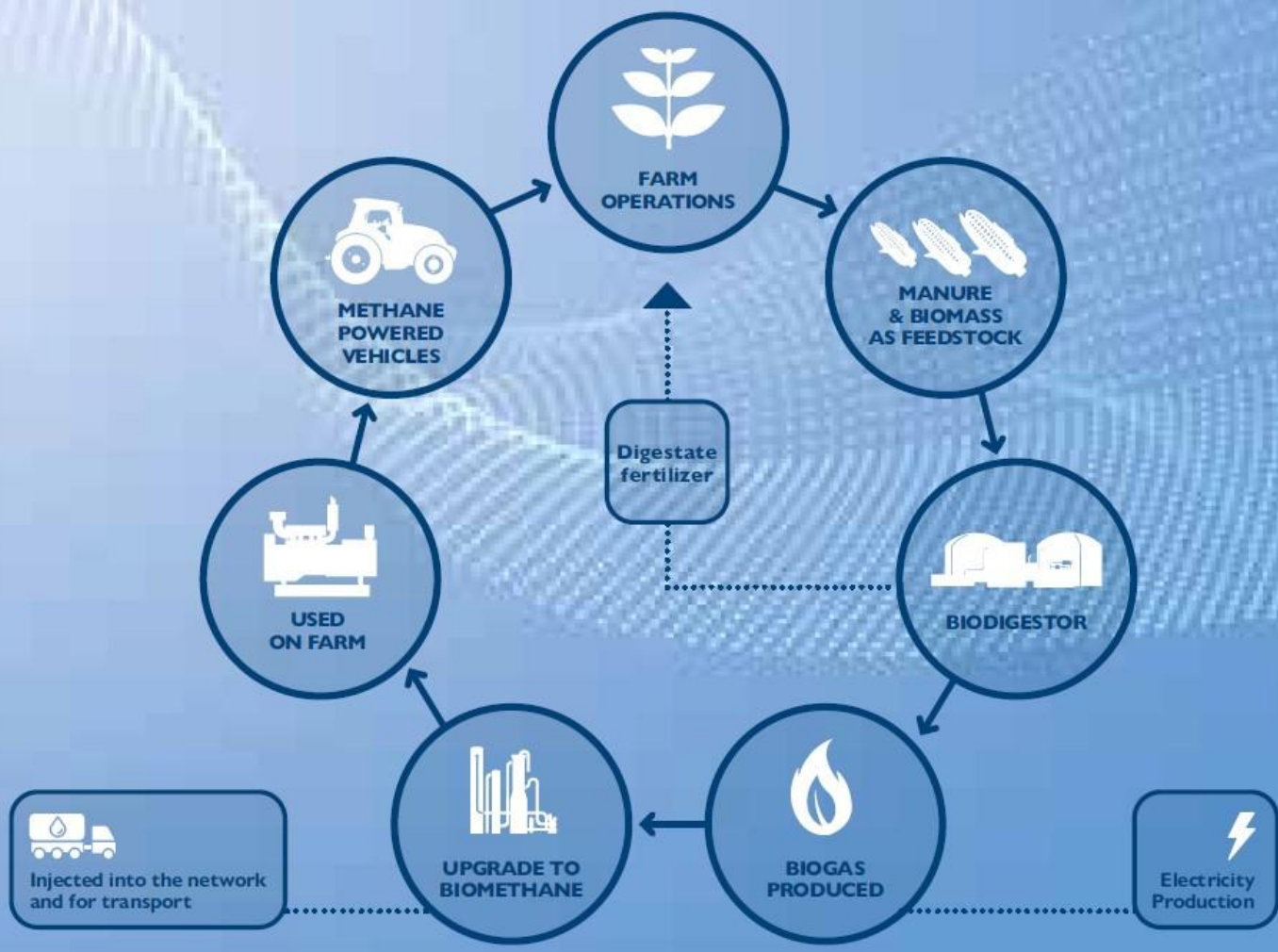
Recycling Facts

- Cardboard can be recycled at least 7 times.
- Enough plastic is thrown away each year to circle the earth four times.
- Americans use 85 million tons of paper per year which is about 680 pounds per person.
- 70% of waste in an office is paper.
- Each ton of recycled paper saves 17 mature trees.
- Recycling one glass bottle saves enough energy to power a 100 watt light bulb for 4 hours or power a computer for 30 minutes.
- Landfills are the largest source of methane gas in the world. A powerful greenhouse gas that is 23 times more potent than carbon dioxide in trapping heat in the atmosphere.
- Nearly half of the food in the US goes to waste - approximately 3000 pounds per second.
- The EPA estimates that 75% of the American waste stream is recyclable, but we only recycle about 30% of it.
- 35% of the waste taken to the landfill in North East is food waste that could be turned into energy.

Classroom Recycling

- At Bay View we will reinstitute the use of our blue recycling bins.
- The main item that can be recycled is paper.
- We order 100 cases of paper, at 44 lbs. Each. That is 4400 lbs. of paper per year.





Using Food Waste For Power

- There are 317 Anaerobic Digesters operating in the United States. Kilby Farm in Colora, installed theirs in 2009.
- They have refined and expanded their system and now produce all of the energy needed for their farm, as well as send power back to the electric grid.
- A cow produces 65 lbs. of manure daily, Kilby's milk about 670 cows. That is 43,550 lbs. of manure a day.
- That waste would be spread on fields and the methane from this process would float into the atmosphere unused.
- Instead it is turned into power.





The anaerobic digester operates like a giant stomach. Gas is trapped to make power. This one holds 680,000 gallons.





