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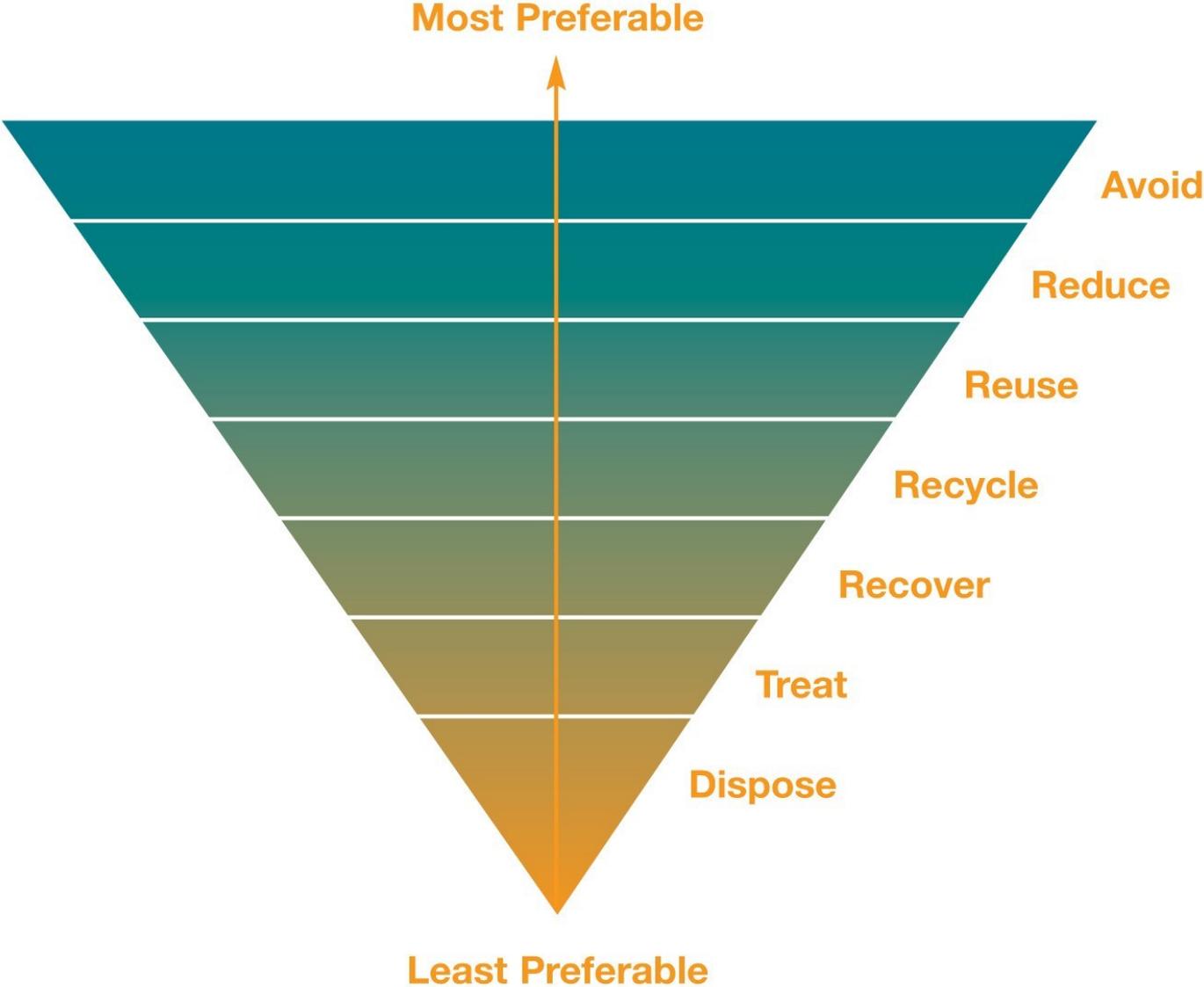
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Resource Conservation & Sustainability Division (RCSD)

Pay-As-You-Throw (PAYT)

“The SMART City Solution”

A scenic landscape photograph of a mountain range with snow-capped peaks, evergreen trees, and a calm lake reflecting the scene. The text 'Pay-As-You-Throw (PAYT)' is at the top and 'The SMART City Solution' is at the bottom.

RESOURCE CONSERVATION



SW is a Major Climate Sector of Greenhouse Gases



Energy



Transportation



Solid Waste

Global Warming & Garbage???

SW is a Major Climate Sector of Greenhouse Gases



Energy



Transportation



Solid Waste

3rd Largest Source of GHG mitigation

Lack of Value for our Resources...



4.6# Trash/Day

***4% World Population - yet, we Consume
25% of Energy & Natural Resources***

Debunking the Myth of “Free Waste”



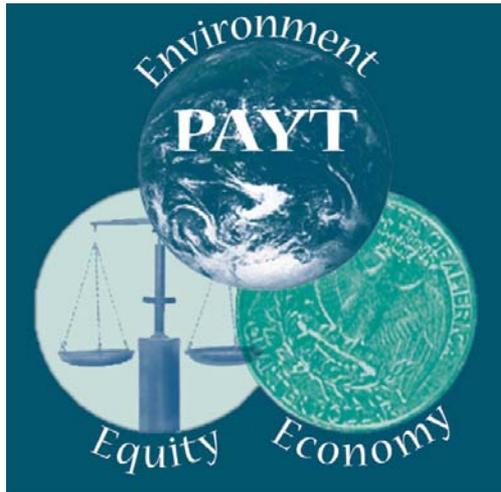
How Much do you pay for Trash Services?

Debunking the Myth of “Free Waste”



Or, do you have a **Garbage Fairy?**

Pay-As-You-Throw is SMART



SMART – **S**aves **M**oney
and **R**educes **T**rash...!

Residents are charged for
waste services - **based on**
amount they throw away.

This creates a direct
economic incentive to
recycle more and to
generate less waste.



Types of PAYT Programs

Cans— fees based on size of containers

Bags— fees based on # of garbage bags

Stickers— stickers affixed to bags



PAYT Functions Like a Utility

- **EQUITY** - Residents only pay for service they use



Duke University National Study



- **32 to 59% increase in Recycling**
- Only 19% found slight increase in illegal dumping

This report is available online at
www.epa.gov/epawaste/consERVE/tools/payt/pdf/swlitrep.pdf

PAYT Reduces GHGs

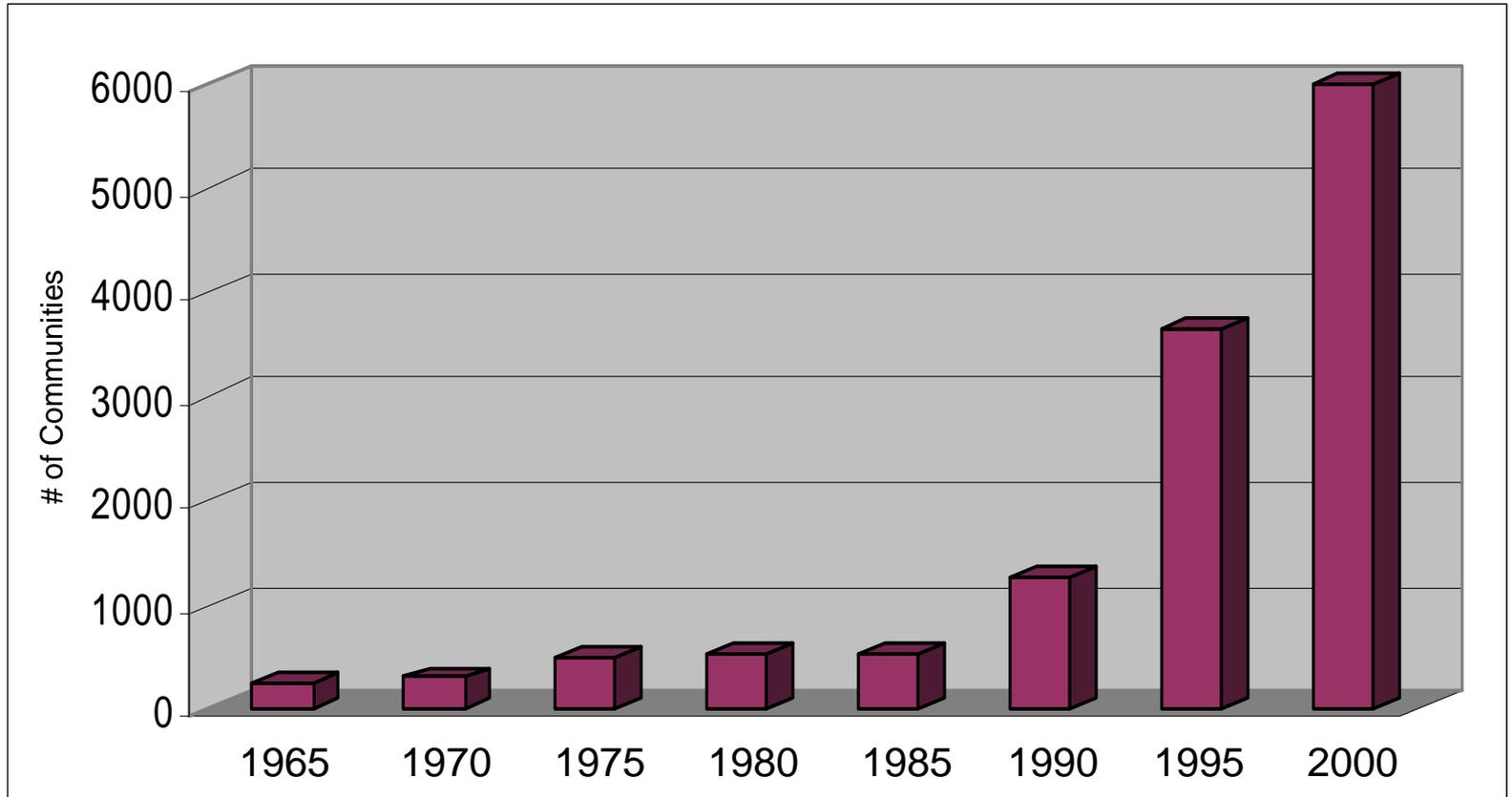
- PAYT has diverted ~ **6 million tons Waste/year**
- GHG reductions of **10 MMTCE**
- Reduces Energy use by ~ **85 million BTU's** annually.



Economics is the main driver

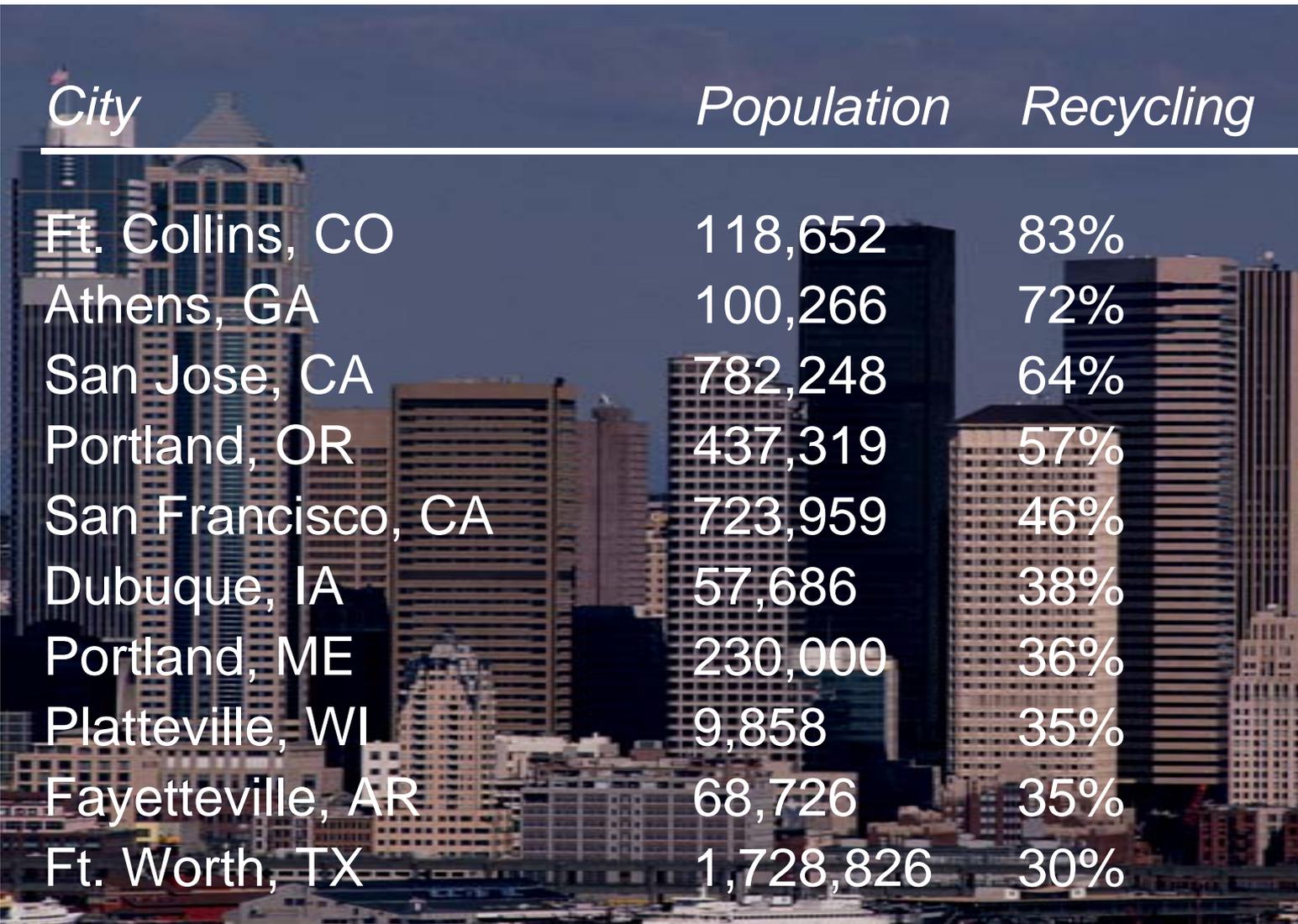
- **Ft. Worth, TX**—disp. costs dropped **>\$7 million**.
City **earned \$540,000** from the sale of recycled materials over course of a year, after PAYT. (Monthly household costs not higher for PAYT.)
- **Worcester, MA**—decreased SWM costs **>\$1.2 million**.
Increased recycling rate from 3% to 36% immediately after adopting PAYT in 1993.
- **Dover, NH**—**saved 27% of MSW budget** (\$1.2 million to \$878,000) after adopting PAYT.
- **San Jose, CA**—(Population 850,000) reduced cost by **\$4 million annually**

Growth in PAYT Programs



Tally data based on SERA: Skumatz Economic Research Associates

Large Cities adopting PAYT



<i>City</i>	<i>Population</i>	<i>Recycling</i>
Ft. Collins, CO	118,652	83%
Athens, GA	100,266	72%
San Jose, CA	782,248	64%
Portland, OR	437,319	57%
San Francisco, CA	723,959	46%
Dubuque, IA	57,686	38%
Portland, ME	230,000	36%
Platteville, WI	9,858	35%
Fayetteville, AR	68,726	35%
Ft. Worth, TX	1,728,826	30%

PAYT Web Site

- Studies, reports, and articles
- *Video*
- *PAYT Bulletins*
- *Toolkit*
- *Presentation*
- *Fact sheets, Success Stories, Lessons Learned*



U.S. Environmental Protection Agency

Pay As You Throw

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"(It's) like a utility... you want to lower your bill, don't use (as much of the service). Everybody seems to realize that, and it works very well."
Estelle Sherman, Woodstown, NJ

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Last updated on Wednesday, June 09, 2010

www.epa.gov/payt

“3 E” Goals



How do we best achieve them?

ENVIRONMENT

- Promote Natural Resource Conservation
- Conserve Energy & Cut GHGs
- Change Consumer Behavior Patterns

ECONOMY

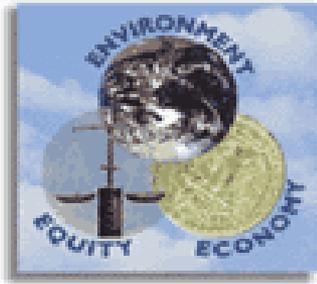
- Save City & Residents Money
- Guarantee Stable Revenue Stream
- Provide On-going Incentive to Conserve
- Keep Recycling Revenues in the Region
- Create Good, Green Jobs

EQUITY

- Fair & Equitable
- Level the Playing Field
- Get rid of Subsidies for Waste Generation

PAYT Panelists

- Diane Duva
CT DEP





Kristen Brown

Green Waste Solutions