



TECHNOLOGY

CONTAINER CORP

COST REDUCTION STUDY

INCREASE BOTTOM LINE PERFORMANCE

Save \$18 Million Over 5 Years With TCC's Long Life Plastic Boxes!

TCC'S REUSABLE BOXES HELPED CUSTOMERS REDUCE:



Energy Consumption
BY **83%**



Solid Waste Stream
BY **96%**



Greenhouse Gases
BY **86%**

SUSTAINABILITY & COST REDUCTION THRU REUSABLE PACKAGING



25 Full boxes pass thru RFID portals on their way to distribution



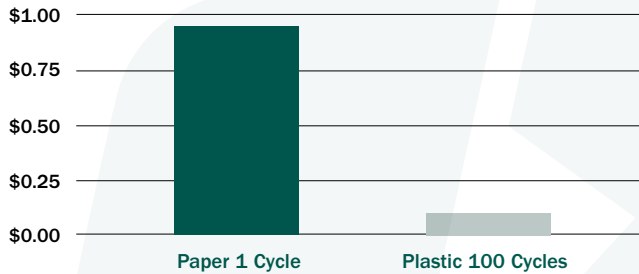
Knocked down and utilized in master return tubs, 150 boxes pass thru RFID portals returning from distribution

Actual Case, Based on 5 Years' Projections and Current Data, Revised Feb 2018

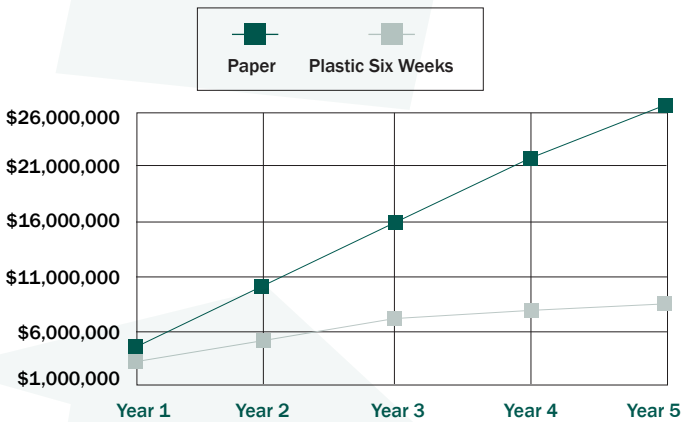
Reusable Distribution Packaging ROI and Environmental Benefits

TCC Plastic Distribution Boxes Drive Down Distribution Costs.

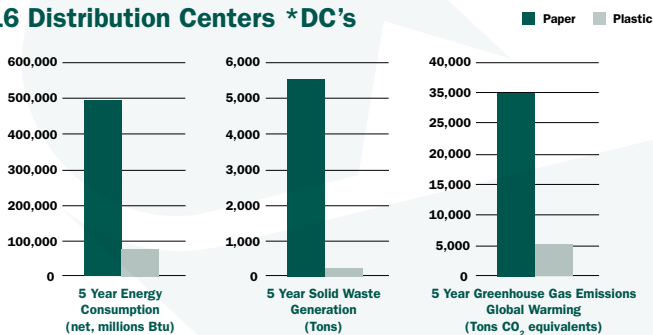
It Comes Down To Cost Per Distribution Cycle:



Customer Saves \$18 Million Over 5 Years - System Wide



16 Distribution Centers *DC's



16 Distribution Centers *DC's

Facts & Figures-Paper Boxes

Customer Ships an Average of 6 Million Boxes Each Year

Weekly Boxes Needed:

- 6,000,000 / 52 wks / 1 wk = 115,385 boxes
- 115,385 x \$.92 = \$106,154 weekly cost
- \$5,520,018 Annual paper box budget
- Annual recycling revenue @ \$38/ton: \$191,520/year
- Net Cost \$5,328,480
- Five Year Cost: \$26,642,400

Facts & Figures-Plastic Boxes

Year One, 6 Weeks Supply:

- 692,307 Boxes req'd x \$6.88 ea. = \$4,763,072 start-up cost

Years Two and Beyond:

- 20% Growth & Maintenance Factor: \$952,614

Total Five Year Cost:

- \$8,573,530

Note: The price of \$6.88 is based on 150,000 pricing of \$6.40 plus a Master Tub for returning empties at \$14.50 divided by thirty boxes per container adding \$0.48 to each box factor.

Environmental Impact (Six Weeks Supply):

6 Million Shipments / Yr	5 YRS SYSTEM WIDE		
	Paper	Plastic	Savings
Energy (net, million Btu)	495,799	84,125	83%
Solid Waste (Tons)	5,544.5	224.4	96%
Global Warming (tons CO ₂ equivalents)	35,110	5,072	86%
EPA Criteria Pollutants (lb)			
Particulates	209,117	2,868	99%
Nitrogen Oxides	323,388	52,544	84%
Sulfur Oxides	561,175	53,308	91%
Carbon Monoxide	296,758	40,377	86%
Lead	29.02	0.1705	99%



Technology Container Corp.

COST REDUCTION THRU SUSTAINABLE PACKAGING

Crossroads Trade Center, 1221 E. Centre Park Boulevard
Building 1, Suite 120, Desoto, TX 75115-2537

800-962-9218 | 972-228-1617 | Fax: 972-228-8621

www.techcontainer.com