

Green Dining
presents
LBC Goes Green!

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Agenda

- Introduction
- Facts
- Status Quo
- Problems
- Proposal
- Questions

Video



Questions

- Do you dine at the LBC?
- How often do you carry out your lunch/dinner?
- Do you know that the LBC offers silverware and ceramic dishes?
- Do you use them?

Facts

- 60 employees
- Aproximatly 70% customers eat at the LBC
- Total elimination of plastic not possible
- 50% of LBC's waste is paper and plastic

- Storage area: 2/3 is paper and plastic
- 3%- 5% of sales are paper costs
- 1/2 ton/monthly of plastic waste
- \$ 6,500 are spent weekly on paper and plastic

Status Quo

- Byblos & Sushi do not participate in using recycled materials (use their own)
- Taco Bell pays for plastic, but does not use recycled materials
- Energy Zone uses „Ecotainer“

- Change of napkin dispenser
- Reusable cups (coffee mug)
- Tentative Project: recycle bags
- Dishwasher with sufficient capacity not in use
- Visible recycle bins

Problems

- No environmental consciousness of consumers
- Lack of information at the LBC
- Pressure from consumers
- Lack of training employees and staff
- **„First plastic and then silverware and ceramic!“**

Proposal

Replacement of 70% plastics for silverware and ceramic dishes!“

Costs:

- Silverware/plates: \$20,000
- Hiring a new employee:
\$1,728 (\$ 8 x 9 hours daily x 6 days a week)
- Daily water consumption of cafeteria dishwasher: 300 gallons
- Dishwasher monthly energy cost. \$343.20

Financial Analysis

Current Monthly Expenses		Proposed 70 % Plastic Reduction			
		First Month Expenses		Months after Expenses	
Paper and plastic products	\$26,000.00	Paper and plastic products	\$7,800.00	Paper and plastic products	\$7,800.00
		Initial purchase (silverware, dishes, and cups)	\$20,000.00	Cost of hiring new employee	\$1,728.00
		Cost of hiring new employee	\$1,728.00	Cost of dishwasher water	\$25.12
		Cost of dishwasher water	\$25.12	Cost of dishwasher energy	\$343.20
		Cost of dishwasher energy	\$343.20		
TOTAL	\$26,000.00	TOTAL	\$29,896.32	TOTAL	\$9,896.32
Current Monthly Waste		Adjusted Waste			
Plastic waste	500 lbs	Adjusted plastic waste amount	150 lbs		

Yearly Expenses			
Paper and plastic products	\$312,000.00	Paper and plastic products	\$93,600.00
		Cost of hiring new employee	\$20,736.00
		Cost of dishwasher water	\$301.44
		Cost of dishwasher energy	\$4,118.40
		Initial purchase (silverware plates)	\$20,000.00
TOTAL:	\$312,000.00		\$138,755.84

44 % Savings

Total Yearly Waste Reduction

6,000 lbs 1800 lbs

33 % Waste Reduction

Proposal

Benefits:

- 70% reduction of plastic utensils
- 350 pounds in monthly waste reduction
- More storage area
- Reduction of utensils costs (long- term)
- Creating environmental awareness (signs, pamphlets, advertising on bags, cooperation with Loyola)
- Incentives (discount for using silverware/ceramics)

Questions

