Food Waste Prevention, Reduction & Recycling at Ahold Delhaize USA

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Local Impact, Greater Purpose

- Healthier Choices and Personalized Guidance
- Transparency & Sustainable Products
- Eliminating Hunger & Waste
- Setting Science Based Targets for Climate Action
Food Waste Reduction is a Priority
Food Waste Prevention

1. Better ordering
2. Cold chain integrity
3. Repurpose unsold product

**RELEX**

- Demand forecasting
- Automatic replenishment & allocation

**divert FRESHER**

Fresher has developed a cold supply chain technology that provides stores with information on product freshness and how they are managed in the supply chain. This solution identifies opportunities where freshness may be impacted.

Track fresh product movement with real-time corrective actions

Food Recovery Hierarchy

- Source Reduction
- Feed Hungry People
- Feed Animals
- Industrial Users
- Composting

Food Recovery Hierarchy

- Source Reduction: Reduce the volume of surplus food generated
- Feed Hungry People: Donate extra food to food banks, soup kitchens, and shelters
- Feed Animals: Direct food surplus to animal feed
- Industrial Users: Provide waste oil for rendering and fuel processing and food scraps for hog feed
- Composting: Create a nutrient-rich soil amendment

Food Recovery Hierarchy

- Landfill: Inevitable last resort to dispose of food
Food Waste Prevention

1. Fresher produce
2. Sell discounted product

How Apeel Works

Providing a little extra peel

MOISTURE STAYS INSIDE
AIR STAYS OUTSIDE

From strawberries to peppers, every fruit and vegetable has a protective peel or skin that nature uses to keep it fresh. Made from plants, Apeel adds a little extra “peel” to the surface of fresh produce to slow water loss and oxidation — the factors that cause spoilage.

Flashfood

Get discounted food in a flash

Giant Co. Expands Flashfood Partnership

After a successful pilot program this past spring at four Lancaster, Pennsylvania, stores earlier this year, The Giant Co. will expand its partnership with the Flashfood app to another 13 stores this month. Flashfood enables customers to buy fresh produce, meat, deli and bakery products nearing their best-before date at significantly lower prices.

"We understand that family budgets are tight, even more so in recent months, and we want to make sure that people in our communities have access to fresh, healthy food wherever possible,” said Bridget Dohmen, Flashfood’s General Manager.
Food Waste Reduction

Deli/Prepared Donation Handling Procedure

Can I donate it?

Is the item:
- Commercially packaged items (example: Taylor Farms)
- Premade meals
- Pre-packaged bologna/cheeses
- Oatmeal, burritos, pizza, stromboli, hummus
- Sub/sandwiches
- Items needing to be reheated by customer
- It appears safe to consume (would you eat it?)

Yes

Terrific! Here's what to do:
1. Using the IoT system, select the following:
   1) Perishable (Or Casual) [Donate] then scan
   2) Mark an “X” through each barcode
   3. Place Food Bank sticker on banana box
   4. Place the product in banana box
   5. Place the box in produce cooler by door

Bunzl Food Bank Order # 27777

不行

Do not donate

Appropriate

Is the item:
- Items from OOD renders (example: Boar’s Head)
- Full service deli case
- With food bar items
- Store overwrapped lunch meat
- Sushi
- Packaged salad
- Mold/off color
- Compressed packaging

Food Recovery Hierarchy

Source Reduction
Reduce the volume of surplus food generated

Feed Hungry People
Donate extra foods to food banks, soup kitchens and charities

Feed Animals
Direct food excess to animal feed

Industrial Users
Provide waste audit for recycling and food donation and avoid access for other human use

Composting
Create a nutrient-rich soil amendment

Landfills
Biodigesters
May need to compost

“Meat the Needs”

Can be donated past expiry date
Food Waste Recycling

Stop & Shop Green Energy Facility

- **Inedible Food**
  - Each day, approximately 95 tons of inedible food will be collected from Stop & Shop New England stores and brought to the Green Energy Facility.

- **Biogas**
  - Biogas is captured and used to generate enough electrical power to power the facility.

- **Anaerobic Digestion**
  - Inedible food is broken down in the facility and goes through a process called anaerobic digestion.

- **Organic Compost**
  - Leftover organic material is turned into fertilizer and compost.

For additional information on Stop & Shop’s environmental initiatives, please visit stopandshop.com/environment.

Food Recovery Hierarchy

1. **Source Reduction**
   - Reduce the volume of surplus food generated.

2. **Feed Hungry People**
   - Donate extra food to food banks, soup kitchens, and shelters.

3. **Feed Animals**
   - Direct food excess to animal feed.

4. **Composting**
   - Create a nutrient-rich soil amendment.

5. **Landfill**
   - Inevitable last resort.
Associate Engagement

Sustainability Steward

Previously known as the “Green Captain”, we’re asking for each store to support a person of passion to be the champion of your store — more to come at a later date.

Stewardship Candidates:
- Are committed and passionate about our sustainability journey
- Have a strong association and customer
- Are committed to the betterment of our communities we serve and the impact on our environment

Stewardship Includes:
- Drive and support Total Waste Diversion initiatives following the Food Recovery
  - Supporting more initiatives on recycling guidelines and
  - Sharing feedback with leadership from customers and associates on our journey to total waste diversion

Green Captain Role

- The Green Captain is a member of the management team in each store that, with the assistance of his/her Green Team, will support, guide and focus associate efforts around Better Neighbor programs, thereby driving responsible retailing at store level.
- The Green Captain in each store is the same role (i.e., Perishable Mgr) across the entire brand. This provides us with the following benefits:
  - Clear visibility as to who the Green Captain is in each store and that each store has an associate consistently in the Green Captain role, ensuring they are not absent due to relocation, promotion, etc.
  - More efficient communication with the Green Captains since there will be a consistent point of contact in all stores
  - Accountability for in-store execution of responsible retailing programs

Sustainability Leader Training

What is a Sustainability Leader?

The Sustainability Leader (formerly Green Captain) is a member of the support team in each store that, with the assistance of his/her Sustainability Team, will support, guide and focus associate efforts around innovation and recycling programs.

The Sustainability Leader in each store should be a member of the management team across the entire brand. This provides us with the following benefits:
- Clear visibility as to who the Sustainability Leader is in each store and that each store has a consistent point of contact in all stores
- Accountable for in-store execution of responsible retailing programs

STOPSNAP

- Operations
- Recycling
- Waste Reduction
- Stockouts / IST
Merci!
Gracias!
Thank You!