Agenda

1. Our Team
2. Meijer Environmental Commitment
   1. Environmental Compliance
   2. Local and Sustainable Products
   3. Carbon Footprint Reduction
   4. Waste Reduction
   5. Responsible Growth
3. Materiality Assessment
4. Q&A
Purpose

To grow as a “best-in-class” retail environmental management team to fulfill Meijer’s Environmental Commitment.

- Align with Meijer purpose and values
- Deliver high quality work products
- Meet our customers’ schedules
- Build stakeholder relationships
Environmental Work Flow

- Due Diligence & Remediation
- Compliance
- Sustainability
Purpose-Based Sustainability

Enriching the lives of the people in the communities we serve
Meijer Heritage and Environmental Commitment

"I want to leave the world in a little better shape than when I entered it."

Fred Meijer

- Environmental compliance
- Local & sustainable products
- Carbon footprint reduction
- Waste reduction
- Responsible growth
Sustainability Council

Meijer Sustainability Council

- Sustainability Plan
- Communication
- Environmental Footprint
Sustainability Plan 2021

Aligned with Meijer Business Areas

Meijer 2021 Sustainability Plan

Meijer 2021 Sustainability Objectives

Sustainability Council
Merchandising
Retail Operations
Supply Chain & Manufacturing
Properties & Real Estate
Communications
Environmental Compliance
Compliance Management System
Compliance Programs
Better Products
Local and Organic

1,000s of Local Products
Meijer Packaging Goals

1. Meijer Own Brand packaging will be 100% recyclable, reusable, or compostable by 2025.


3. Meijer Own Brand packaging to be composed of 20% recycled material by 2025.
Energy Efficiency
FY2018 Carbon Footprint

### CO2e by Activity Type
- Electricity: 73%
- Transportation: 11%
- Natural Gas: 4%
- Refrigerants: 12%

### CARBON INTENSITY (MT CO2E/1000 FT2)
- 2014: 22.0
- 2015: 21.0
- 2016: 19.0
- 2017: 18.6
- 2018: 18.1

<table>
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<tr>
<th>Year</th>
<th>SQFT</th>
<th>CO2e (tons)</th>
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<tbody>
<tr>
<td>2014</td>
<td>51,765,711</td>
<td>1,139,625</td>
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<td>2015</td>
<td>53,881,725</td>
<td>1,129,441</td>
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<td>2016</td>
<td>55,605,797</td>
<td>1,059,114</td>
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<td>2017</td>
<td>57,638,989</td>
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<td>2018</td>
<td>59,534,388</td>
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Air Emissions and Energy

Fleet

• Meijer fleet 20% more efficient than national average

Refrigeration

• Industry average leak rate: 25%
• GreenChill partner leak rate: 12.9%
• Meijer leak rate: 8.6%
Store Electricity Use Improvements

29% reduction since 2005
Energy Efficiency Projects

- Upgrade refrigeration, HVAC and coolers
- Optimized refrigeration and HVAC performance
- Improved lighting efficiency
  - 2018 new stores and beyond have all-LED lighting
  - Full all-LED retrofit by 2021
Renewable Energy

Renewable Energy Strategy

- Onsite solar projects
- Power Purchase Agreements
- Renewable Energy Credits
Waste Reduction
FY2018 Waste Footprint

Divert 70% of waste by 2025

Total Company: 323,075 tons

- Recycling: 47%
- Landfill: 11%
- Organics Recycling: 4%
- Food donation: 2%

% of Company Total

- Distribution: 6%
- Retail: 4%
- Manufacturing: 90%
Waste Reduction

2018 Meijer Waste Diversion 60%

+ Retail Food Waste Recycling 70%

+ Optimization of Plastic Film and Cardboard Recycling 72%+

Food Recovery Hierarchy

Source Reduction
Feed Hungry People
Feed Animals
Industrial Uses
Composting
Incineration or Landfill

Most Preferred

Least Preferred
Food Donations

Food Rescue

In 2018, Meijer stores donated the following to local food banks (in lbs):

- 2,305,800 dry and frozen goods
- 4,383,200 bakery
- 2,515,700 meat
- 453,400 deli and dairy
- 1,010,400 produce

10.7 million in total
8.5 million meals
Retail – Compost and Animal Feed

Produce & Bakery Recycling Program

866-301-8500

NO TRASH! NO BASURA!

UNACCEPTABLE ITEMS
- NO MEATS
- NO PLASTICS
- NO GLASS
- NO FLOWERS
- NO SOIL
- NO TRASH
- NO METAL

ACCEPTABLE ITEMS
- FRUITS
- VEGETABLES
- BAKERY
- DAIRY
- PASTA

Organix Recycling
19065 Hickory Creek Drive, Suite #240 • Mokena, IL, 60448
708.326.3900 www.organixrecycling.com
Manufacturing Food Waste – Current Practice

Middlebury Central Kitchen

Lansing Fresh Assembly

Holland and Tipp City Dairies

97% landfill-free
Green Buildings
Design and Construction
LEED and Brownfields

- 14 USGBC certifications to date
  - Allen Park was first LEED certified store in 2007 (silver)
  - Norton Shores was first major supercenter remodel LEED certified. 95% of construction waste was recycled
  - Detroit was our first supercenter in the City (silver)
  - Wauwatosa was our first LEED certified store in Wisconsin
Stormwater
Green Infrastructure – 279 Manistee

• First test site for porous pavement
• Additional LID/GI practices
• Cost competitive
• Comparable maintenance
Stormwater

Green Infrastructure – Site Suitability

Site Suitability for Green Infrastructure Flowchart

1) What types of soils are present on site?
   - A/B
   - C
   - D

2) What is the local seasonal high groundwater elevation?
   - GW > 6 ft.
   - 6 ft. > GW > 3 ft.
   - GW < 3 ft.

3) Is the site located in a CSO area or in an area under a USEPA consent decree?
   - Yes
   - No

4) Do local regulations restrict the use of green infrastructure in site development?
   - Yes
   - No

NOTE: The flow chart does not represent a full set of considerations or questions on whether GI will meet local permitting requirements.

LEGEND:
- Green = Favorable condition for GI implementation.
- Yellow = GI is possible but the design or regulatory approval process might be more difficult.
- Red = Difficult condition for GI implementation.
Stormwater

Green Infrastructure – Site Suitability

5) Do local regulations specify that green infrastructure be required or incentivized as part of site development?

- Yes
- No

6) Do local regulations specify a range of hydrologic design conditions such as groundwater recharge volume, required infiltration, or a water quality volume?

- Yes
- No

7) Are there other special conditions that might prohibit the use of Gi?

- Yes
- No

8) Are there other special conditions that might promote the use of Gi?

- Yes
- No
Stormwater
Green Infrastructure – 306 Warren
Stormwater

GI Parking Lot Retrofit – 212 Reynoldsburg OH
Materiality Assessment
Materiality Assessment Process

- IDENTIFY
- PRIORITIZE
- VALIDATE AND APPLY OUTCOMES

Meijer engaged with:
- 3,000+ Customers
- 14 External Stakeholder Groups
- 25+ Meijer Team Members (including 18 interviews)
Customer Survey

How many customers are at least moderately familiar with environmental issues? 80%

How many customers think that environmental issues are at least moderately important? 84%

How many customers will pay a premium for sustainable products at least sometimes? 90%
Results

MATERIALITY

Most important

BUSINESS VALUE

Most important

- Increase recycling and reuse
- Customer recycling and reuse opportunities
- Inbound logistics efficiency (fuel, packaging)
- Water use reduction
- Fuel efficiency of fleet
- Product traceability
- Food waste
- Reducing GHG emissions
- Local sourcing
- Renewable energy
- Supplier environmental risk management
- Safety & transparency of products
- Increase recycling and reuse opportunities
- Water use reduction
- Inbound logistics efficiency (fuel, packaging)
- Fuel efficiency of fleet
- Product traceability
- Food waste
- Reducing GHG emissions
- Local sourcing
- Renewable energy
- Supplier environmental risk management
- Safety & transparency of products
Plastics waste reduction

- Plastic packaging
- Plastic bags
- Beach cleanup
Facilitating Sustainability – Take Aways

http://meijercommunity.com/sustainability

• Lead with purpose
• Leverage existing business strategies
• Engage employees with interest in sustainability
• Utilize a cross-functional team
• Dispel myths with metrics
• Set achievable goals and stretch targets
Academic Collaborations
Questions?

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