# Preparing the Meat Industry for a Waste Free Future

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www.meatconference.com

# Who We Are

Create a more efficient, secure and less wasteful global food supply chain

COUNTRIES SERVED

123

**GLOBAL EMPLOYEES** 

~15,500

ANNUAL REVENUE

\$4.7B





# 3 BILLION PEOPLE

which is the combined population of



# FOOD WASTE

contributes

4.4

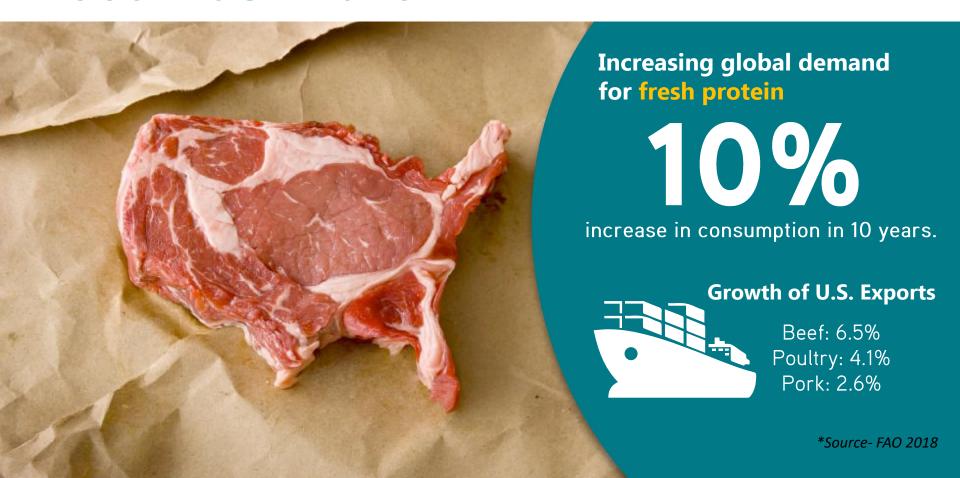
## **GIGATONS**

of CO<sub>2</sub> equivalents to the atmosphere each year...





## **Food Must Travel**



## **Protect What's Inside**

The carbon footprint of

1kg of beef is 370x the

carbon footprint of the packaging
used to protect it

Packaging technology extends food freshness - Packaging shifts from days to weeks

Proper storage conditions prolongs shelf life

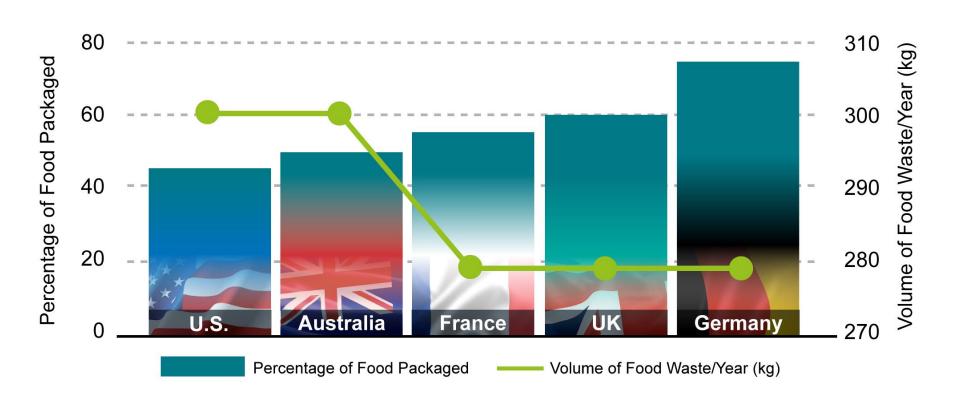


# **Retail Case Study**



### **Packaging and Food Waste**

Countries with highest levels of packaging have lowest food losses



# 2017

# Tesco promises to end edible food waste by March 2018

"Innovations in packaging that make the food fresher for longer are obvious, and there's an awful lot of marketing activity in order to give tips on reuse, recipes, all the ways of avoiding food waste in the home."

- Dave Lewis, Tesco CEO







#### **Global Attention on Plastic Waste**

- **1. China (2017 & 2018)** National Sword policy restricts import of waste materials into China, initially plastics and fiber.
- **2. European Union (Jan 2018 & May 2018)** Strategy to promote recycling, reuse and recycle content. Single Use Plastics ban and tax proposed.
- **3. India (Mar 2018)** Plastic Waste Management Rules implemented to encourage recovery and reuse of plastics
- **4. United Kingdom (April 2018)** UK Plastics Pact introduced to increase recycling, reuse, redesign and recycle content in packaging.
- **5. Australia (April 2018)** Ministers of Environment announce a target for all packaging to be reusable, recyclable or compostable
- **6. US (May 2018)** American Chemistry Council pledge to recycle or recover 100% of plastics packaging by 2040.
- **7. New Zealand (June 2018)** Companies make pledge to tackle plastic waste by 2025 with Ministry of Environment.
- **8. Canada (June 2018)** Plastics industry sets goal for all plastics packaging to be reused, recycled or recovered by 2040.
- **9. Chile (Aug 2018)** A second national pact, similar to UK, is being developed.



## **EU Circular Economy Pledge**

- 1. The Circular Economy Pledge says by 2030:
  - a) All plastic packaging is reusable or recyclable
  - b) 55% of plastic packaging waste is recycled
  - c) Sorting and recycling capacity increased four fold

- The European Commission moving away from voluntary approaches to influence plastic waste management. Initiatives anticipated:
  - a) Mandatory use of recycled plastics
  - b) New tax on use of virgin plastics (in addition to EPR fees and bottle bills)
  - c) Targeted actions to restrict or ban certain "single use plastics"

# 2018

"Tesco has announced it will ban all non-recyclable plastic by 2019, in a move campaigners have cautiously welcomed as "raising the bar on problem plastics.

The supermarket giant has called on the government to help establish a consistent recycling infrastructure that would enable a "closed loop" system in which waste is avoided altogether."

- The Independent



### **Consumer Sustainability Concerns: Plastic vs. Food Waste**

















NO ADDED HORMONES
AUSTRALIAN BEEF

4 STAR \*\*\*\*

TYPICALLY 10% FAT

				PRODUMNATIVE BREE
Sentingsper	package 5	Servin	100 Nov. 100g	* Percentage Duby intakes are passed on an average
	Seemly 5.8	ALMAN TO SERVICE	_	whit the of \$100s. You doly broken may be
	Percenting 1		Fer 100	pitter or some advanted on horseverily uneq
beg	444	_	-	Storage:
-			-	New refrigerated, Store at ordetow \$15.
Protein	78.0	-	70	

Solution 25 Story
Note: All relines are considered awareness subsenses subsenses and confidence of the transfer of the subsenses and the subsenses of the subse

#### BEST BEFORE:

Product of Bastrolia

Call 100 Bird No. 500 Ge Call 100 Bird No. 500 Size Call 100 Bird No. 500 S















# Merchandising & Digital



# millennials and convenience shoppers









#### Foster Farms Introduces QR Code



QR Code Virtual Assistant

DORI connects consumers to exclusive savings, fresh chicken recipes, a guide to poultry labeling terms and more. DORI is accessible via smartphones wherever Foster Farms fresh chicken is sold.



## **Benefits of Digital Technology**



#### **Food Safety**

Identify source of problem Food recall management



#### **Verify Authenticity**

Country of origin Sustainable production



#### **Consumer Communication**

Quality assurance Confirmation of claims



#### **Brand Differentiation**

Consumer engagement Trustworthiness



#### **Supports International Trade**

Food fraud Import / export requirements



#### Value Chain Alignment

Inventory management Improved logistics





# **Omnichannel**

## Food & Beverage E-commerce to Double in 5 Years



# **E-Commerce Grocery**

70%

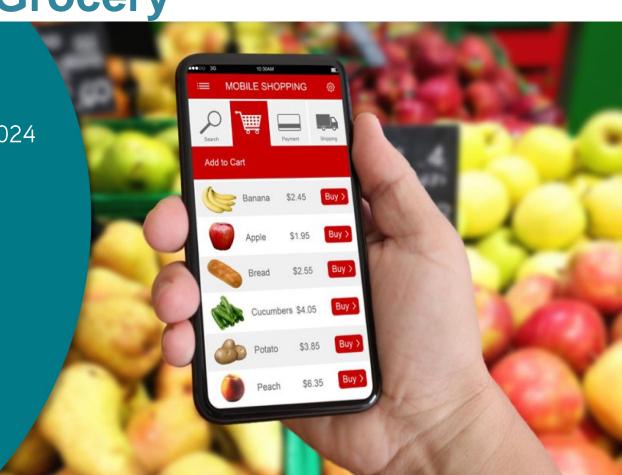
Buying groceries online by 2024

50%

Increasing online grocery purchases in 2019

\$29.7B

Projected U.S. sales by 2021



**Average Basket Size** 



\$55.18

Brick and Mortar

\$71.76
Click and Collect

\$90.61
Click and Deliver





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Our Vision

on vv

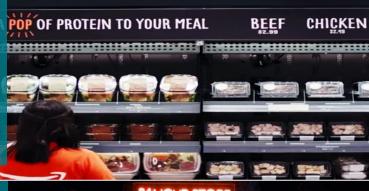
GIILS

Shop

1600 (CT)







FÖÖD









- Leak Proof
- Damage Resistance
- Temperature Assurance
- Dim Weight
- Brand/Opening Experience
- Recyclable



## **TAKEAWAYS**

- Sustainability. If you're not thinking about sustainable packaging, you should.
- Don't ignore the importance of packaging and graphics for merchandising and communication with consumers.
- 3. Omnichannel strategies, including packaging, are critical.







# Thank you!

Questions? Want to be in the know?



Connect with Us!

www.sealedair.com



MarlDeily in Karl Deily

