

# Cut Waste, GROW PROFIT™

## Food Waste in Context

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# Food Chain

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Farmers

Processors/Manufacturers

Foodservice/Rest/Retailers

Consumer

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# Food Waste

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- ▶ Globally: 1.3 billion tons per year (FAO)
- ▶ UK: 3.2 million tons in food and drink manufacturing/processing sectors (Escaler and Teng, 2011)
- ▶ US: \$165.6 billion (2008, Buzby and Hyman, 2012)
- ▶ Canada: \$27 billion of food is wasted along the supply chain (Gooch et al., 2010)



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# Issues

Definition of  
food waste

Data Input

Scope

Methods

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# Challenges

# Challenges in Reducing Food Waste

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- ▶ Consumer preferences
  - ▶ Fresh, nutritious, affordable products



# Food Waste vs. Preferences

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# Challenges in Reducing Food Waste

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- ▶ Consumer preferences
  - ▶ Fresh, nutritious, affordable products
  - ▶ Portion sizes
- ▶ Food “waste” disposal
- ▶ Technology/Process and Behavior
  - ▶ Business case
- ▶ Regulation
  - ▶ Fresh Fruit and Vegetable Regulation







## **Initiatives/Policies**

# Initiatives & Policies

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- **EU**
    - **‘No Opportunity Wasted’** food waste conference
    - European Commission: 2013 White Paper on food waste.
    - **Waste Framework Directive:** establish Waste Prevention Programs by December 2013
  - **UK Initiatives**
  - **Major Retailers**
  - **Canada and US**
    - Waste reduction week in Canada (October)
    - Industry or not-for-profit organizations
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# What's next?

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Waste  
studies  
UofG/VCMC

Industry level  
studies

Measure  
progress



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