



- About Provision Coalition
- Food loss & waste problem in Canada
- Provision's food loss & waste initiatives
 - Mapping the problem
 - Food waste stakeholder collaborative
 - Food waste working group
 - Industry pilots & solutions forum
- Summary & next steps

About Provision Coalition

- Providing valuable resources, programming and public policy collaboration
- Provision is the industry's leading voice on sustainability
- Funding through Growing Forward 2
 - A federal-provincial-territorial initiative









PROVISION COALITION



















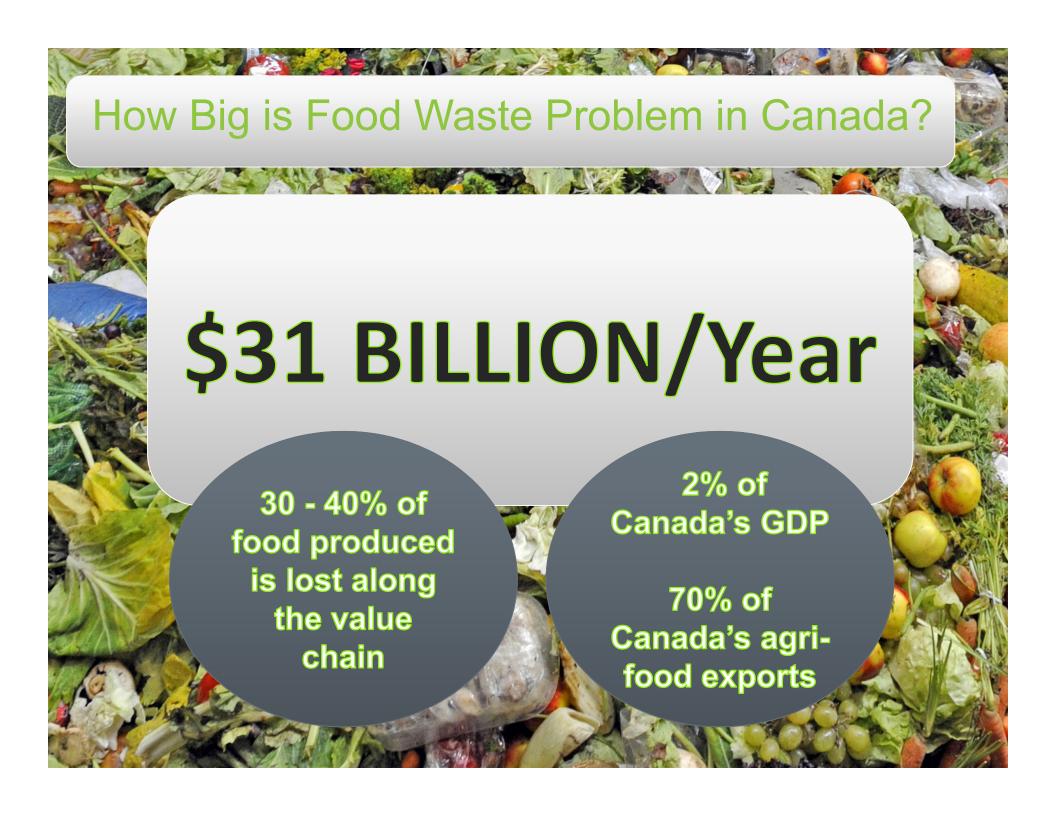












ISSUES IN THE FOOD AND BEVERAGE INDUSTRY

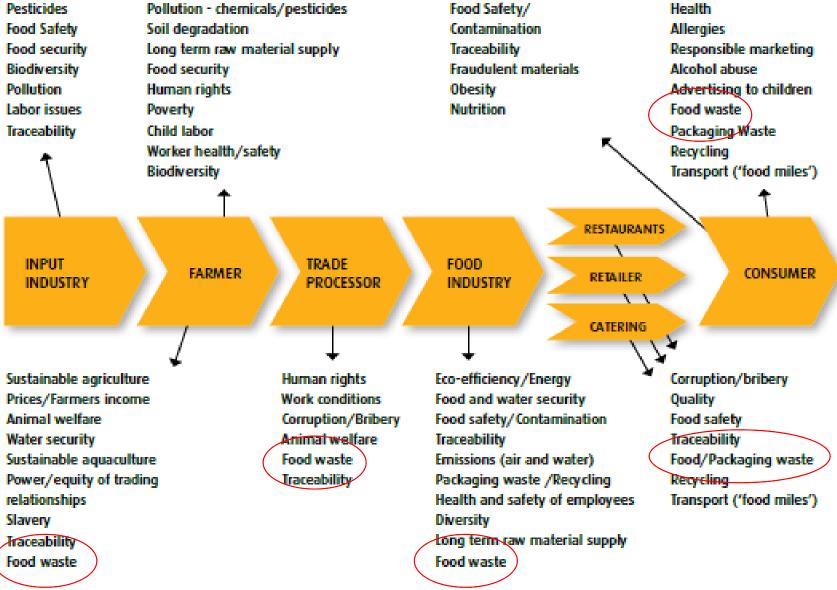


DIAGRAM 3: ISSUES IN THE FOOD AND BEVERAGE INDUSTRY

[&]quot;Ionescu-Somers, A. and Steger, U. (2008) Business Logic for Sustainability: A Food and Beverage Industry Perspective, Palgrave Macmillan, UK, Page 39"



Research: Mapping Food Waste Challenge

- Understand food waste in Canadian F&B industry
 - What is food waste?
 - How big is the food waste problem?
 - Where does food waste occur and why?
 - How can the problem be tackled?

Developing an Industry Led Approach to Addressing Food Waste in Canada









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View the full report



What Are the Hot Spots for Food Waste?

Farm						
Crop/ livestock production	Post-harvest	Packaging & Processing	Wholesale Distribution	Retailing	Food Service	Households
Fruits & Vegs	Fruits & Vegs	Grain Products	Fruits & Vegs	Fruits & Vegs	N.A.	Fruits & Vegs
Seafood	Meat	Seafood	Seafood	Seafood		Meat & Seafood
	Grain Products	Meat	Meat	Meat		Grain Products
		Dairy Products		Bakery & Deli		Dairy Products
		Beverages		Ready-Made Food		Beverages

Food Waste Stakeholders Collaborative





Food Waste Working Group



Food Waste Toolkit

Now Launched!

Stage 1b Method 2. Quantifying Food Waste - Output Screen

Quantity of Food Waste Report

Stage 1, Method 2 Previous Waste Audit

Stage 1, Method 2 Output Stage 2
Identifying Root
Causes of Food Was

4

Stage 2 Output Stage 3
Selection & Evalua of Possible Solution

6

Stage 3 Output

< BACK TO OVERVIEW

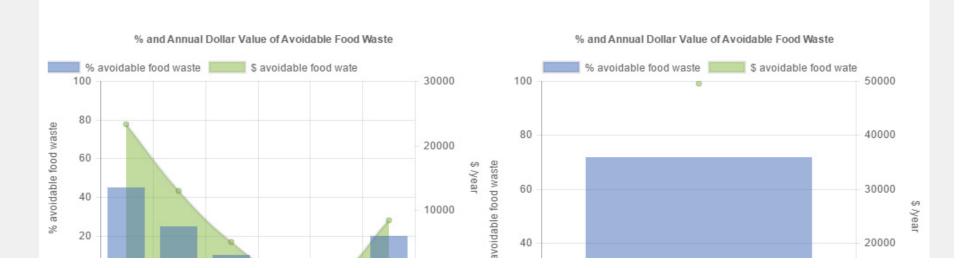
Welcome to the Provision Coalition Food Waste
Reduction Tool Kit. The purpose of this tool kit is to help
your company quantify its avoidable food waste to allow
you to develop cost effective reduction strategies that can
be implemented and whose success can be measured.

Supporting Tools / Resources

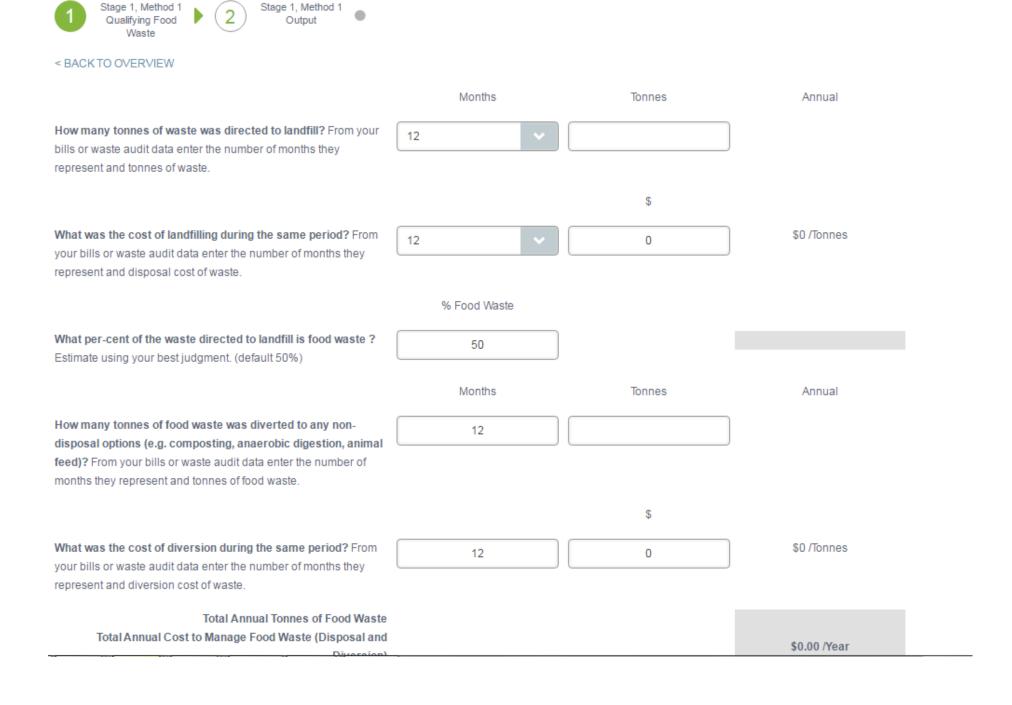
Export Report

Other Resources

Change Facility / Report



Method 1. Quantifying Avoidable Food Waste Using Available Waste Disposal and Diversion Data



Food Waste Reduction and Practices Toolkit

To start using the framework simply select the question that represents the stage your company is at.

> **IMPLEMENTATION OF SOLUTIONS**

Pilot Partners



OF FOOD WASTE

SELECTION AND EVALUATION OF POSSIBLE SOLUTIONS











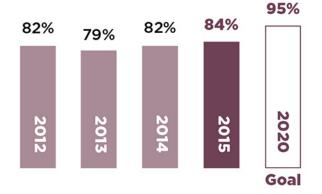
Pilot: Campbell Company of Canada

Campbell has a long history of reducing and recycling:

- •Recycle 84% of waste produced, with a goal to recycle 95% by 2020.
- •Diversion and source reduction of food waste from landfill through donation, animal feed, compost and waste to energy.
- •Donate more than \$50 million in in-kind product annually through direct agency donations and reclamation.



SOLID WASTE RECYCLED



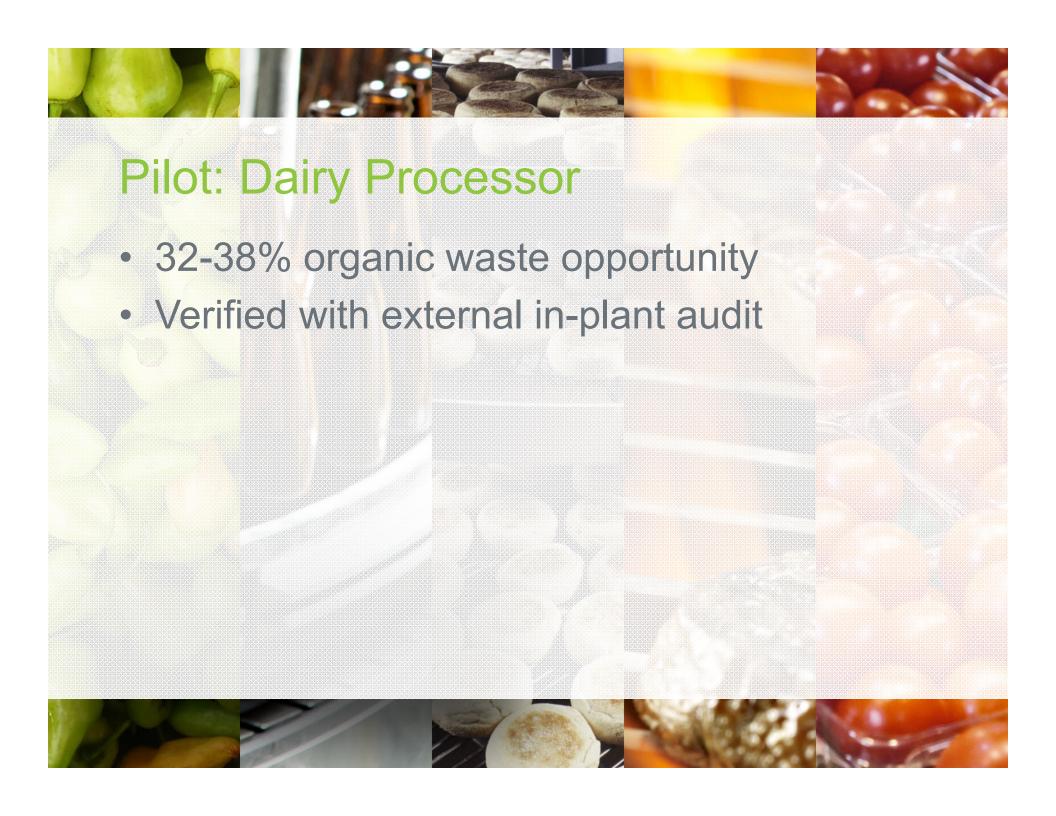








- Conventional 3Rs Waste Audit
 - Touched on 1% of Campbell's food waste
- Retained third party consultant to conduct comprehensive food waste audit
 - Applied toolkit
- Estimated \$300,000 in savings
- Case Study in Spring 2017





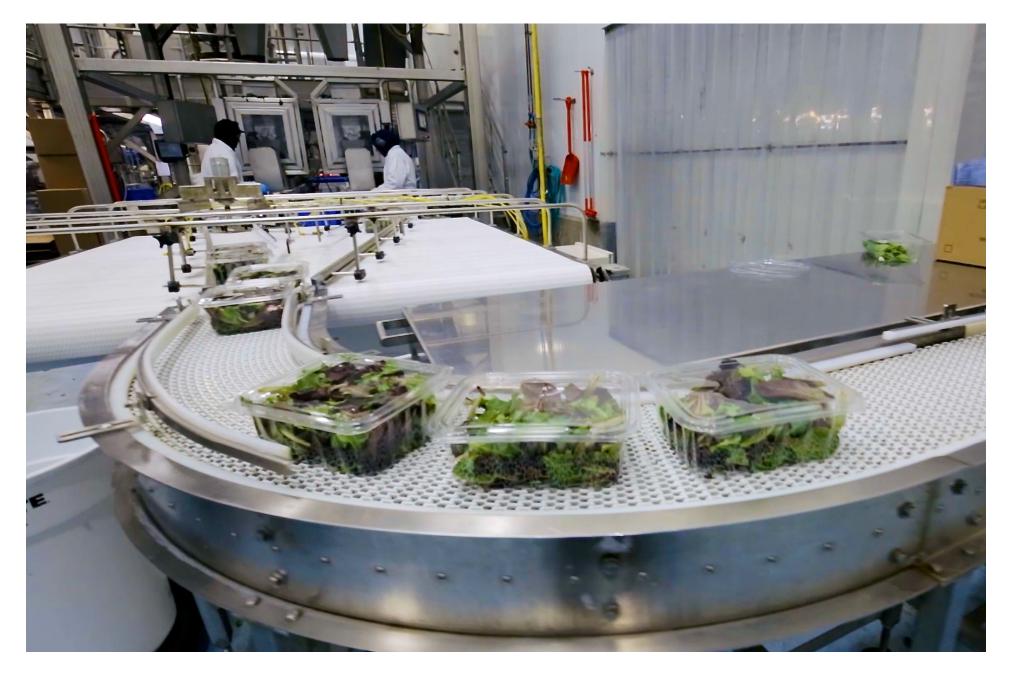
Food Waste Pilot Project

- Chemical Grading Pilot Project
 - Funded through a GF2 collaborative grant
 - Working with P&P Optica
 - Piloting hyperspectral chemical sorting technology to identify subtle chemical signatures of early spoilage to reduce waste and extend shelf life



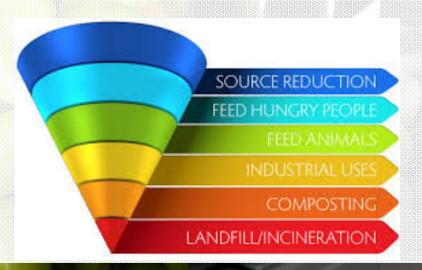


Food Waste Video Production





- Innovation & Technology Opportunities
- Industry Best Practices





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CANADA'S 2017 FOOD LOSS AND WASTE FORUM

Finding Solutions

- April 12, 2017
- Mississauga Convention Centre, Toronto, Ontario
- Linking efficiencies to food waste reduction

Facebook: Reduce Food Waste Challenge



Next Steps

- Continuing to support industry
 - Demonstrate business value with case studies
 - Solutions Forum
- Securing funding for educational campaign
 - Building awareness of 'real' impacts

