



PROVISION COALITION

MAKING FOOD SUSTAINABLY

Benefits of Collaboration

Improving Food & Beverage Manufacturing Sustainability Together

Provision Coalition has built an excellent reputation for developing successful value chain partnerships and collaborations. These collaborations add expertise, leverage resources and improve the productivity of Provision's sustainability efforts.

Leadership from industry, academia, technical fields, government and the non-profit community have generously given time and expertise to address key sustainability issues. This case study highlights three different collaborations and the results achieved from working together.

Reducing Food Loss + Waste in Canada

In 2014, Provision established Canada's Food Loss + Waste (FLW) Stakeholder Collaborative and Manufacturing Working Group. Both groups are dynamic with engagement from the entire supply chain, solutions providers, governments and non-government organizations. The strength and influence of these groups have been demonstrated with a series of activities that have directly and measurably reduced food loss and waste.

- An Industry-based Approach to Addressing Food Waste in Canada published
- Food Loss + Waste Toolkit developed and launched

PROVISION'S FOOD LOSS + WASTE TOOLKIT RESULTS

According to the Food and Agriculture Organization of the United Nations, roughly **one third, or approximately 1.3 billion tonnes of the food produced** in the world for human consumption every year, gets lost or wasted.



Campbell Company of Canada identified reduction measures with a net payback period of **less than 6 months** that will increase the yield of the Toronto facility by



Calgary Italian Bakery identified

\$191,000

in resource savings with an aggregate payback of 7 months for reduction strategies that will reduce 110,500 kg of food waste.

Byblos Bakery found
\$207,500

in resource savings or 63,000 kg with an aggregate payback on reduction strategies of 4 months.

“Campbell has been committed to Provision's food loss + waste reduction challenge for some time and now we have successfully applied the recently developed Toolkit in our own facility. The Toolkit is available to manufacturers across the country; this is a milestone achievement for the industry.”

JOHN LILLARD
RESEARCH & DEVELOPMENT,
CAMPBELL COMPANY OF CANADA

- Recognition of Provision's leadership by the Commission for Environmental Cooperation, World Bank's International Conference on Food Loss + Waste, UN Environment North America Research Office, United States Environmental Protection Agency and the Foundation for Food and Agriculture Research
- Canada's 2017 Food Loss + Waste Forum – Finding Solutions – 175+ in attendance
- Partnership with National Zero Waste Council to support national strategy with onsite FLW reductions
- Food Loss + Waste Chemical Imaging Pilot with Ippolito Fruit & Produce
- Food Freshness Card – industry interest expressed and research support is being initiated
- FLW Toolkit Case Studies – Campbell Company of Canada, Calgary Italian Bakery Ltd, Byblos Bakery, Hans Dairy and Speedo Foods & Flavours
- FLW Toolkit 2.0 – environmental and social impact enhancements added to the toolkit
- Food Loss + Waste Measurement and Reporting Workshop – 85+ in attendance

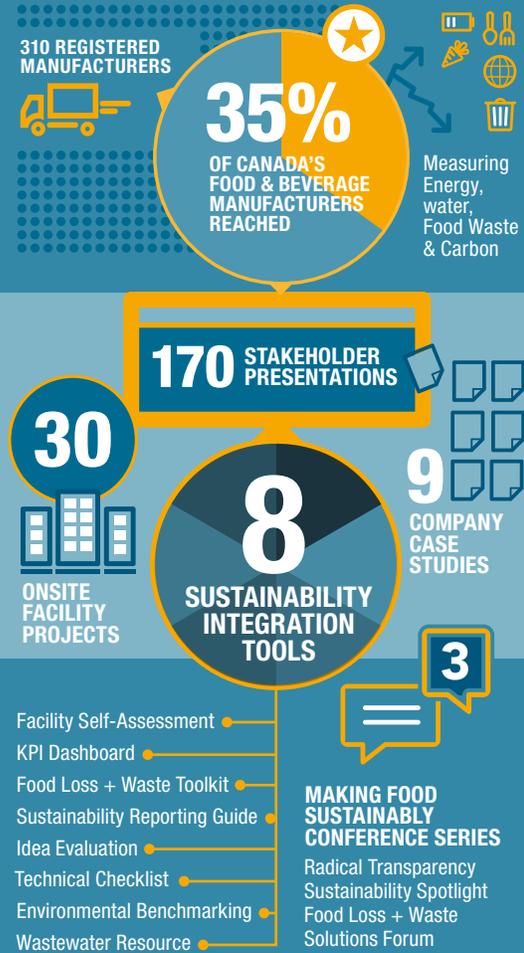
Provision's FLW Pilot with Campbell's won Project of the Year at the 2018 Clean50 awards.

As a further testament to Provision's collaborative efforts, the Walmart Foundation recently recognized the organization's leadership in tackling food loss and waste, awarding a grant of \$850,000 to conduct assessments and build awareness of the issue in 50 manufacturing facilities across Canada.

Implementing Positive Change with the Sustainability Management System (SMS)

Provision's SMS is at the heart of the organization's work. It is a unique, Canadian made on-line and in-person system that delivers a framework for embedding sustainability in a food and beverage business. Provision's multi-disciplinary SMS Industry Standing Committee has guided the continuous improvement of the system since its inception. The Standing Committee suggested the need for an onsite SMS support program which was first piloted with Marsan

SUSTAINABILITY MANAGEMENT SYSTEM



A return on investment calculation for GF2 investment in the SMS identified greater than ten-fold business benefit in terms of job creation, new product development, expanded market and cost savings from natural resource reductions.

Foods and Earth Fresh Foods. These pilots segued to an Ontario Trillium Foundation award of \$748,000 for further engagement with 40 manufacturing businesses and a new partnership with Loblaw Companies Ltd. A recent collaboration with PEI Food Island Partnership has also signaled a new chapter for the SMS engaging manufacturers in the Atlantic provinces.

Improving Public Trust through Responsible Sourcing

Provision is a key participant in the Sustainable Farm & Food Initiative which aims to create a whole farm approach to sustainability. This collaboration, which includes farm groups, manufacturers, retail, academia, governments and industry non-profits, has secured funds to develop a framework for a data-sharing platform that will support

“With the farm community, we are developing a sustainability program that will facilitate responsible sourcing, supply chain cooperation and more transparent food systems. Consumers are asking and together we are responding.”

ROBERT CASH
ENVIRONMENTAL MANAGER, ADM

transparency and trust across the supply chain. This platform will facilitate sustainability data sharing by farmers that will improve supply chain transparency and communication for responsible sourcing. A proof of concept pilot in the dairy goat industry is underway.

In Closing

The experience and expertise gained through Provision’s collaborations have provided the means to achieving measurable success with industry’s sustainability initiatives. The stakeholder networks and partnerships developed have directly benefited the work to date and will also shape Provision’s future priorities and relationships.

Provision’s SMS wins Environmental Leader Award in 2015 & ranks 3rd in Clean50’s Top 15 Projects in 2017

MAKING A DIFFERENCE FOR FOOD & BEVERAGE BUSINESSES



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Provision Coalition is Canada’s premier food and beverage manufacturer sustainability organization. At Provision, the latest sustainability advances, resources and solutions are shared with food and beverage businesses across the country. With the organization’s 16 provincial and national agri-food association members, Provision has committed to reducing the food and beverage manufacturing sector’s environmental footprint, improving employment culture and strengthening business competitiveness. To learn more visit www.provisioncoalition.com.