

RECYC-QUEBEC FLW Survey – Livestock or Poultry Producer

Introduction

RECYC-QUÉBEC and the City of Montreal have commissioned Value Chain Management International to estimate the volume of food loss and waste (FLW) occurring in the province of Quebec from a whole of chain perspective, then extrapolate the findings in terms of greenhouse gas (CO₂E) emissions.

As an expert industry stakeholder, we would greatly appreciate your completing a survey that we have designed to enable us to estimate loss factors in specific sectors and food types. The information that you provide is completely confidential. Only aggregated results at an industry level will be reported. No individuals or organizations will be identified at any stage of the analysis and reporting.

In completing the survey, please respond in terms of a typical year; therefore, prior to the onset of the COVID-19 crisis that began in March 2020.

Please complete the survey by Monday, March 1.

If you have any questions about the survey and overall study, please contact Dr. Martin Gooch (martin@vcm-international.com) or Mariane Maltais Guilbault m.maltais@recyc-quebec.gouv.qc.ca.

RECYC-QUEBEC FLW Survey – Livestock or Poultry Producer

Identifiers

* 1. What is your primary business? **(Choose one only)**

Cattle (beef)

Goats

Veal

Poultry

Sheep

Other

Pigs

Other (please specify)

2. What is your organization's primary location?

Postcode

Closest city/town

3. How many facilities do you operate in Quebec?

RECYC-QUEBEC FLW Survey – Livestock or Poultry Producer

Scale of Operation

4. In **number of head**, how much of the livestock that you identified above does your organization typically produce each year? **Please enter numbers only.**

5. Do you feed by-products produced by the food industry to your livestock?

Yes

No

6. If yes, please identify which of the types of by-products listed below you feed to your livestock.

Whole fruit and vegetables (incl. pack-line grade-outs of fresh produce)

Distillers/brewers grains (incl. grains and corn from ethanol, beer or alcohol production)

Minimal processed fruit and vegetables (incl. peelings and pulp from frozen vegetables and juice production)

Dairy (incl. whey from cheese and butter production)

Bakery/confectionary (incl. by-products from bread and cookie production)

7. As a percentage of overall ration, what proportion of this livestock's overall feed ration comprises by-products sourced from the food industry? **Please enter number only.**

RECYC-QUEBEC FLW Survey – Livestock or Poultry Producer

Losses

8. As a percentage of overall production, what is your operation's typical mortality rate? **Please enter numbers only.**

RECYC-QUEBEC FLW Survey – Livestock or Poultry Producer

Loss Management

9. Select from the list below the top three destinations of the loss that you identified in Q8, and indicate the percentage that is directed to each of the three destinations. (Please ignore the options that do not apply.)

	Percentage of loss
Rescue/redistribution for human consumption	<input type="text"/>
Upcycling into foods, nutritional supplements, etc.	<input type="text"/>
Animal feed	<input type="text"/>
Biomaterial processing/rendering	<input type="text"/>
Biomethanisation (anaerobic digestion)	<input type="text"/>
Compost	<input type="text"/>
Land application	<input type="text"/>
Incineration or controlled combustion	<input type="text"/>
Landfill/burial	<input type="text"/>
Other (e.g. sewer)	<input type="text"/>

10. Does your organization monitor the CO₂ emissions associated with food loss and waste?

Yes

No

RECYC-QUEBEC FLW Survey – Livestock or Poultry Producer

Loss Management (Continued)

11. If yes to the above, what is the quantity of CO₂?

12. Is the figure above a measurement or an estimate?

Measured

Estimated

RECYC-QUEBEC FLW Survey – Livestock or Poultry Producer

Conclusion

13. Thank you for participating in this important study. Is there anything further that you would like to add on the topic of food loss and waste in Quebec, and its prevention?

14. Would you be willing to participate in a short follow-up interview?

Yes

No

15. If yes, please provide your contact details:

Name

Company (optional)

Email Address

Phone Number