

PROPOSAL

Introduction

What should serve as an enjoyable diversion for students of all ages, upcycling food waste also tackles the growing issue of food insecurity in BC, where food wastage continues to rise.

Project Details

Food insecurity in Canada has reached unprecedented levels, with 22.9% of people, including 2.1 million children, living in food-insecure households in 2023. In BC, soaring inflation and stagnant incomes for lower-income households exacerbate the issue, leaving one in ten residents in poverty and basic assistance falling far below the poverty line. To address this crisis, we propose “The Green Cart”. A government-supported mobile meal delivery trucks that provide free, nutritious breakfast meals and fresh produce to underserved student areas and communities with limited food access. Sourced from surplus food donated by restaurants, grocery stores, and farms, these meals will be prepared in commissary kitchens and distributed by licensed drivers, with community volunteers aiding in preparation and delivery. This initiative tackles food insecurity by eliminating barriers to nutritious food access, reducing food waste, and fostering sustainability. Furthermore, it strengthens community bonds and educates the next generation about the value of food and sustainable practices.

Conclusion

Our project addresses rising food waste, growing demand for accessible food, and increasing food insecurity. To support struggling households and future generations, we propose government-backed mobile food trucks to deliver nutritious breakfasts to students in low-income areas with limited food access. This initiative promotes community support, raises food scarcity awareness, and fosters a brighter future.

Timeline

January - February 2025: Finalize agreements with transportation providers and develop logistics software.

March - April 2025: Conduct pilot delivery runs to test efficiency and identify challenges.

May 2025: Full rollout of delivery operations, scaling as needed.

Outreach efforts for volunteers:

December 2024: Launch volunteer recruitment campaign using social media and local events.

January 2025: Train volunteers in meal preparation, delivery, and sustainability protocols.

March 2025: Deploy volunteers across operations.

Incorporating sustainability actions:

November 2024: Partner with sustainability consultants to evaluate the carbon footprint of the operation.

December 2024 - February 2025: Implement sustainable practices, such as composting, minimizing food waste, and utilizing electric vehicles.

March 2025 and ongoing: Regular sustainability audits to ensure continuous improvement.