



enactus™

Saint Mary's University

2023 Annual Report



Our Metrics



\$100,533

Revenue generated



44,127

People with access to food



152,165 LBS

Food kept in supply chain



22,500,199 L

Water conserved



3

Jobs created



103,046 KG

CO₂ emissions prevented



155

People exposed to entrepreneurship



2

Businesses launched



\$272,418

Value of waste diverted



22

People educated on financial literacy

From all of our 5 projects

The Problem

Every year **50 million tons** of food is wasted in Canada, producing **9.8 million tons** of CO2 emissions. **2.73 million tons** of plastic is thrown away, making its way to our oceans. Enactus Saint Mary's is tackling these issues with our projects:

SQUARE ROOTS BUNDLE

Tackling food waste at farms.

Square Roots is a Community Interest Corporation and our longest-running project, created and run by students since 2016.

We partner with **local farmers** to ensure misshapen produce does not get thrown away. **This year**, we have diverted **152,000 lbs** of produce.

We donate produce to:



How It Works



We distribute this produce to:

- **10** Square Roots locations
- Run by **15** entrepreneurs who make an income off of our project.



CAD rendering of Seacycle prototype

NEW

SEACYCLE

Removing plastic waste from water systems.

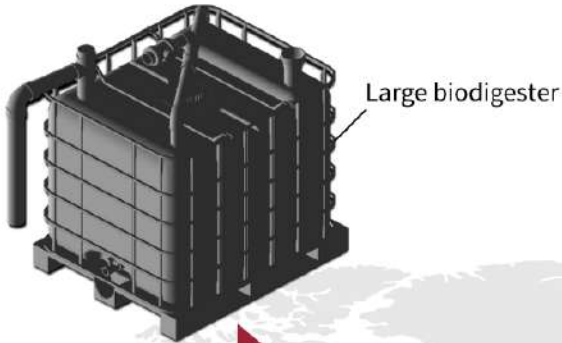
- Seacycle has hired NOVACAD, a Halifax-based engineering and manufacturing company, to design the filtration's first prototype.
- The prototype can filter **258L** of water an hour with up to **2 lbs** of plastic removed from the ocean per day.
- Provides hourly reports on water quality and filters microplastics smaller than a grain of sand.

NEW

BIOVAULT

Tackling food waste in communities.

- Biovault uses anaerobic biodigesters that will turn food waste into fertilizer and fuel.



"You're sharing or selling it. It becomes a job for people."

- Janice Kelsey, Solar CITIES

The Process of Biovault:

The mechanical stomach is fed with organic waste.

Farmers sell produce to Square Roots.



Waste gets decomposed by bacteria in an oxygen-free environment.

Community farmers buy fertilizer to increase crop yield.

Two outputs: Nutrient-rich fertilizer; Biogas.



OPTIONS ONLINE

Educating youth in essential skills.

- Online platform supporting youth to participate and thrive in learning, work, and life.
- In collaboration with the Arthur L. Irving Entrepreneurship Centre.
- Micro lessons cover topics such as:
 - How to budget
 - Setting SMART goals
 - Writing a cover letter & resume
 - Preparing for an interview
- Modelled after the **Canadian Skills for Success model**



We have upgraded our website and currently have **20 courses** and a total of **653 lessons**



OUR IMPACT + GROWTH

SUSTAINABLE POSITIVE IMPACT

PEOPLE

	This Year	Next Year
Jobs Created	3	20
People with Access to Food	44,127	116,000
Empowered Entrepreneurs	18	30

PLANET

Food Waste Diverted	152,165 LBS	400,000 LBS
CO2 Emissions Prevented	103,046 KG	590,000 KG
Water Saved	22,500,199 L	58,400,000 L

PROSPERITY

Revenues	\$100,533	\$300,000
Businesses Launched	2	4

Our Partners



The Edwards Family
Charitable Foundation



HALIFAX

NOVACAD

