

# Green Reynolds Past, Present & Future

Stakeholder in the One Planet Saanich Initiative

Link to our One Planet Action Plan: <https://www.oneplanetsaanich.org/stakeholders.html>





*One Earth connects the dots between who we are, what we buy, where we live, what we make, what we trade, and how we live together to create positive impact.*

Contact:

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# Wahaj: Getting connected with One Planet Saanich



# What are the One Planet Principles?

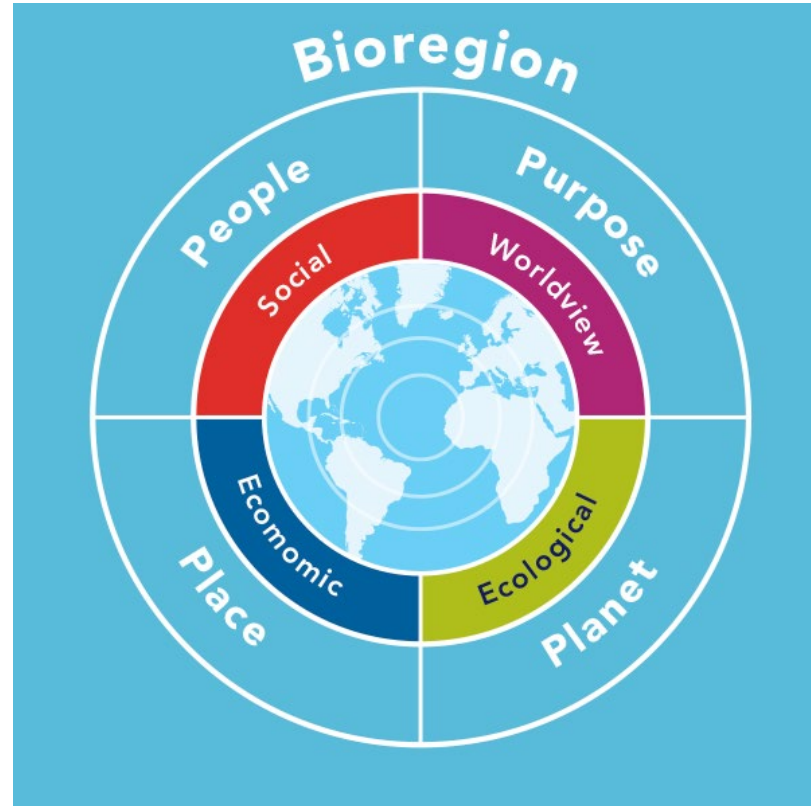


1. Health and happiness
2. Equity and local economy
3. Culture and community
4. Land and nature
5. Sustainable water
6. Local and sustainable food
7. Travel and transport
8. Materials and products
9. Zero waste
10. Zero carbon energy

# One Planet Saanich

One Planet Saanich initiative is part of a new global Bioregional initiated 'One Planet Cities' project, funded by the KR Foundation, focused on four cities - Saanich (Canada), Elsinore (Denmark), Oxfordshire (UK), and Durban (South Africa). The leads in other cities are:

- **Oxfordshire, UK:** Oxfordshire County Council was the first local authority to sign up, and is working alongside [Bioregional Oxfordshire](#).
- **Durban, South Africa:** [Bioregional South Africa](#) is collaborating with a citizen-led coalition in the city to bring together local partners.
- **Elsinore, Denmark:** This municipality in Denmark is supported by [The Ecological Council](#).





First Unitarian Church  
of Victoria



Creating to Spark Living with Compassion,  
Inspired by Nature



™

Haliburton Community  
Organic Farm



Uptown



Electric Vehicles + Solar Energy you can afford

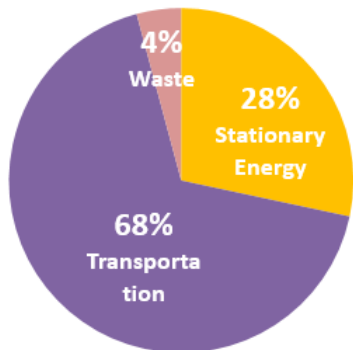
bumblebee



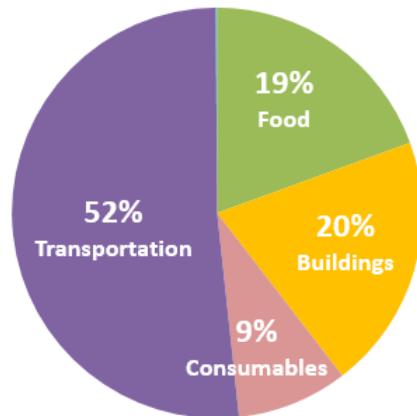
**This footprint data from the One Planet Saanich Report shaped our Research Modules we chose to engage in with Be the Change Earth Alliance:**

# Results - Overview

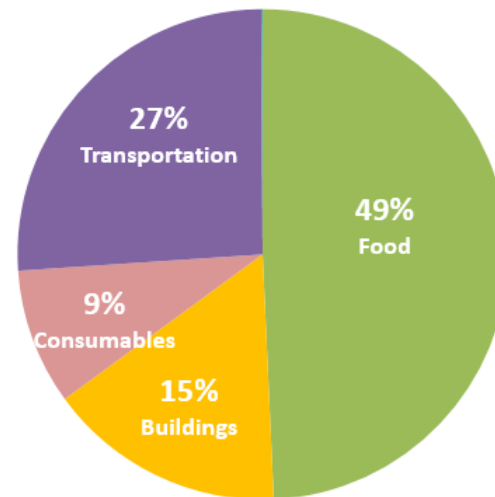
**Territorial  
Inventory**  
(“Traditional”)



**Consumption-Based  
Emissions Inventory**  
(CBEI)



**Ecological  
Footprint**

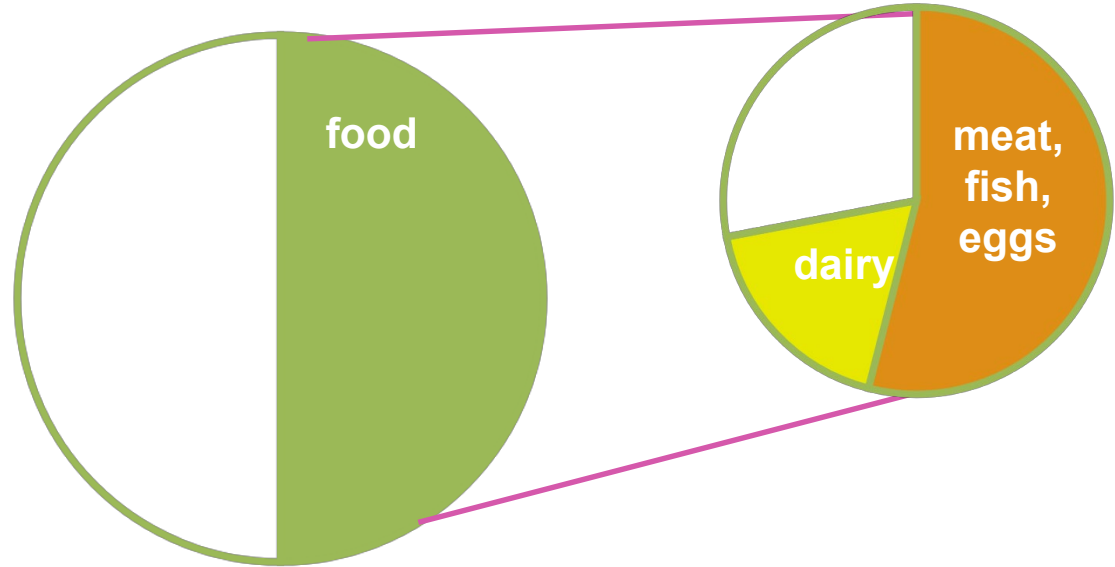


- *Waste/Consumables is a much lower component of the Territorial inventory*
- *In the CBEI the largest impact is transportation (52%)*
- *Food has a much greater impact in the EF*

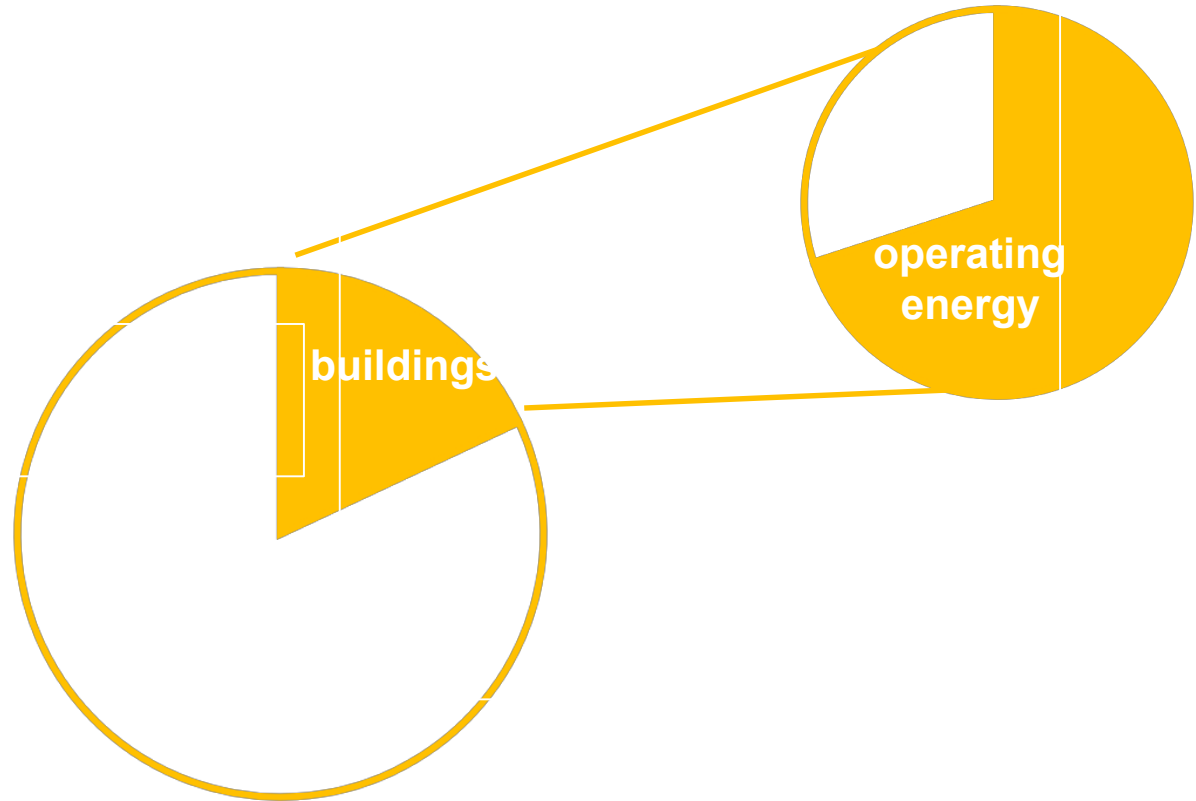


# Food Footprint

Animal proteins are the biggest factor in the food portion of the CBEI

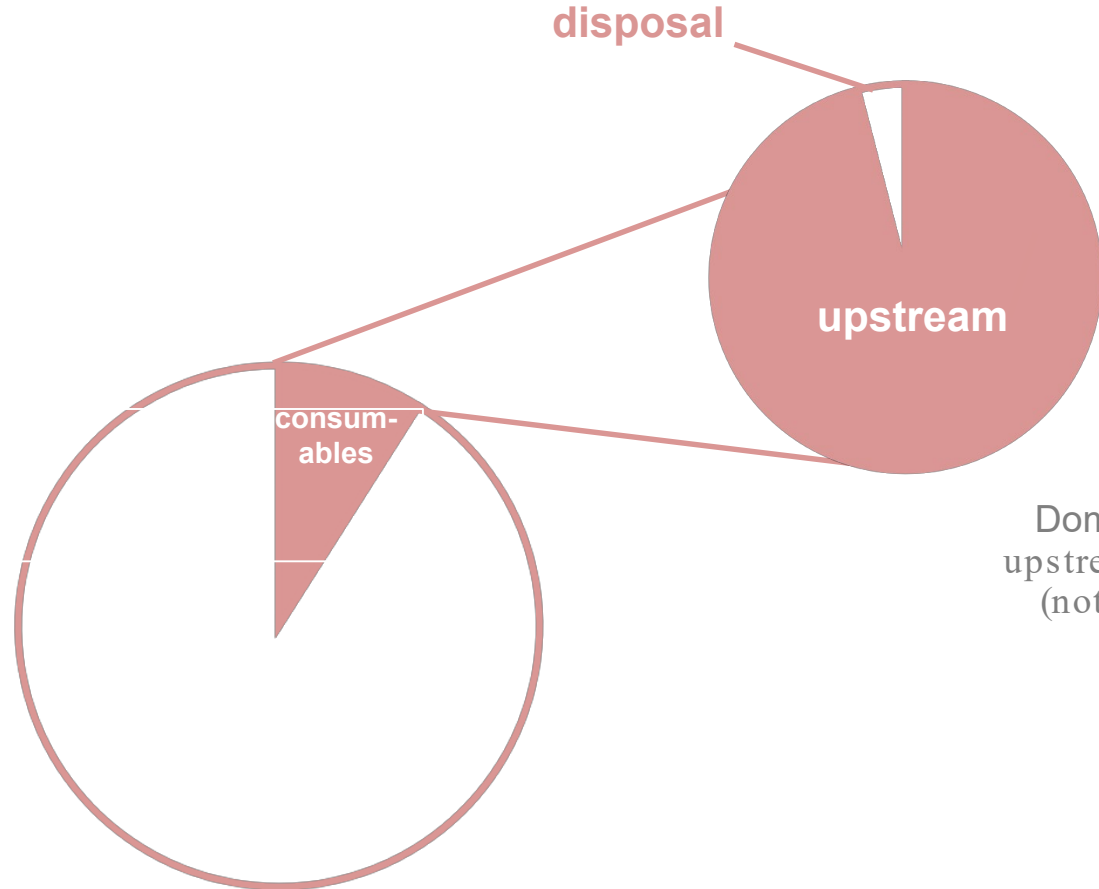


# Buildings Footprint



Dominated by operating energy  
This will improve with a shift to renewables

# Consumables Footprint



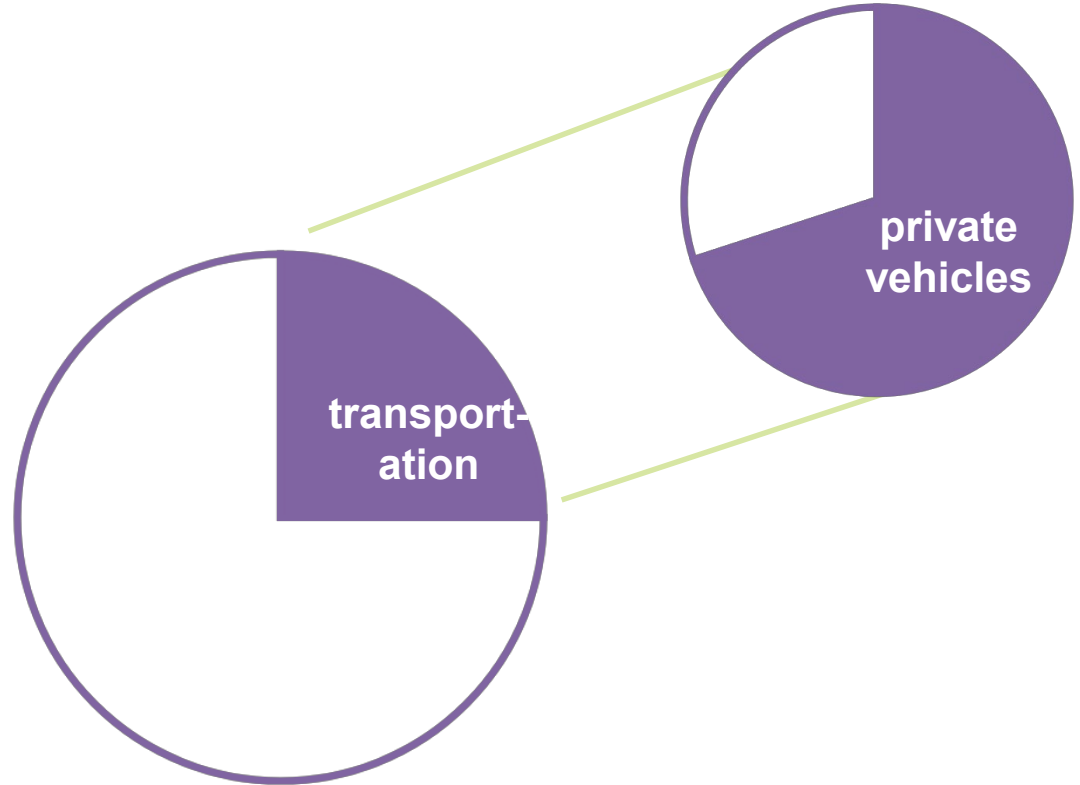
Dominated by upstream impacts (not disposal)

# Transportation Footprint



Dominated by fuel use in private vehicles.

With embodied energy of vehicles, private vehicle transportation represents 2/3.



The background is a solid orange color. In the top-left corner, there are three vertical bars of varying heights, each composed of several overlapping semi-transparent orange circles. In the bottom-right corner, there are four vertical bars of varying heights, also composed of overlapping semi-transparent orange circles.

**Jam & Owen:**  
**Our Action Plan Report indicated  
what Reynolds was already doing:**

# Reynolds Recycle Depot





# Reclaiming our Garry Oak School Front





# Our Courtyard Green Space





# Salad Bar Program







# Chicken Fostering Program





# Connection to Local Environment

# -- Field Studies & Stewardship





# Helping Saanich Design a New Youth Park





# Silver Linings Farm Connection



# Bike Racks, Water Bottle Stations & Motion Sensor Lights





# Liv & Maya: Where we wanted to Focus Next



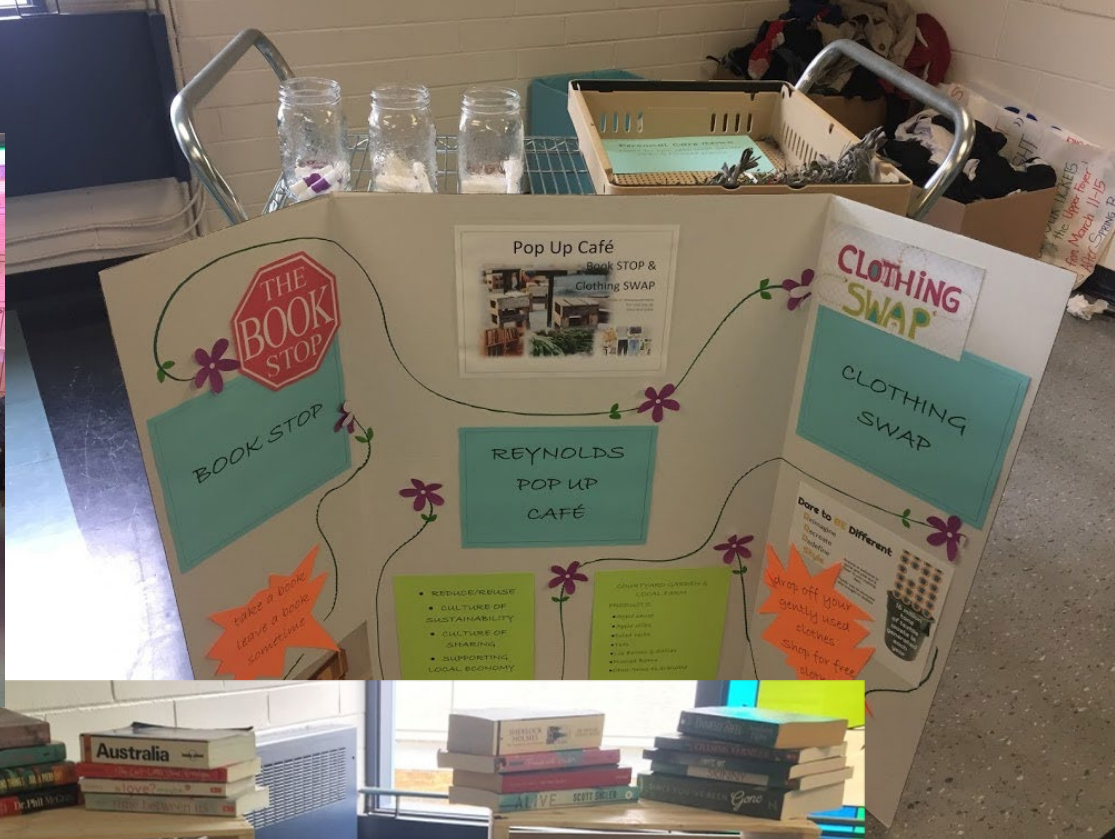


# Micro Farm Partnership with Life Cycles, TopSoil & School District



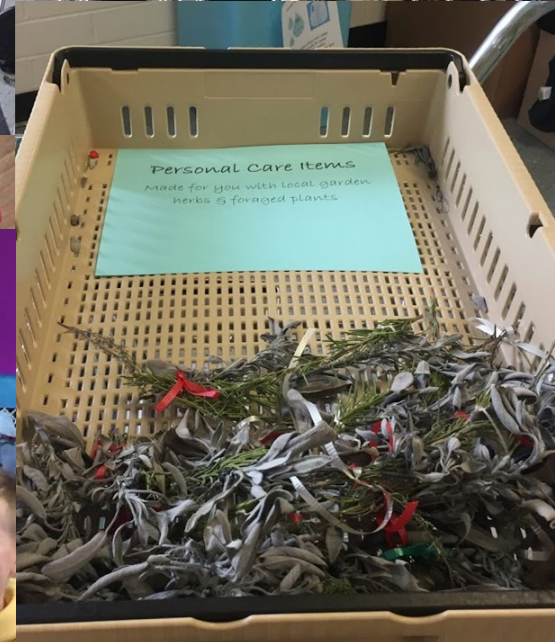


# Pop Up Cafe





# Locally Made



# Managing Waste: Reduce, Reuse, Recycle



# Question

How much of the garbage around our school is from Tim Hortons?







# Dates the garbage was collected

October 3, 2018

October 22, 2018

November 15, 2018

January 12, 2019

February 20, 2019

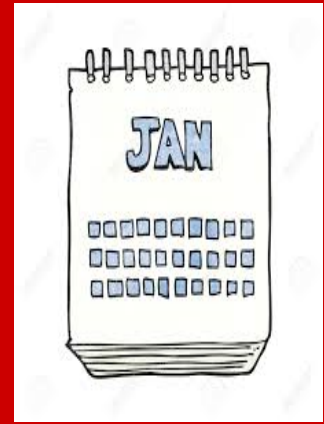
March 6, 2019

April 8, 2019

March 6, 2019

March 15, 2019

May 1, 2019



# Numbers Collected

Tim Hortons -- 71

Personal -- 63

Starbucks -- 15

Dairy Queen -- 7

Subway -- 10



# 46%

46% (by number of items) of all the garbage we collected over the year was from Tim Hortons which is even more than “personal garbage” which was either garbage from your lunch or Thrifty's basically anything without commercial branding.



# Conclusion



Our Hypothesis was correct.

Therefore we need to reduce our consumption of our single use containers etc.

Some ways you can reduce single used plastic is spending about \$10-20 to buy a reusable straw and cup from Amazon, Tim Hortons, Starbucks, Dollarama and some others. This is just one little thing you can do to make a big difference.





## Further things we discovered...

We often think we are recycling but it is really going into the garbage :-)

Soft plastics -- we have a recycle bin for these but they apparently are not being recycled by the district right now :-)

Same with Styrofoam and foil-lined plastics :-)

If things aren't perfectly clean and sorted they go in the garbage too.... But we aren't told :-)

We need transparent discussion within our district to be able to do better...



The image features a solid orange background. In the top-left corner, there are three vertical bars of varying heights, each composed of several overlapping semi-transparent circles. In the bottom-right corner, there are four vertical bars of varying heights, also composed of overlapping semi-transparent circles.

**Lauren: Our Wish List for future...**  
**Any Help is Welcomed : -)**

# Improve our Recycling System... Figure out a reusable mug system...

<https://www.cbc.ca/news/canada/british-columbia/victoria-new-year-climate-resolution-1.5411744>



# Fix our Solar Panels



# Smoothie Bike Station





# Pilot the One Planet Saanich Lighter Living App, Take Part in the Saanich Transportation Audit for our School & Install an EV charging station



# SD #61 to become a One Planet Saanich Stakeholder



Thank you!





# 10 Years of Project Entries into the BC Green Games 2009 - 2019

<https://bcgreengames.ca/home>

Note that this is the first year we have not entered. We felt we needed to take a break after 10 years while we focussed on our One Planet Action Plans and start again next year by entering our work on that plan.

2009

Eco-Outreach 1

<https://www.bcgreengames.ca/project/eco-outreach900>

Courtyard Green Space (WINNER)

<https://www.bcgreengames.ca/project/courtyard-green-space-team41019>

Eco-Outreach 2

<https://www.bcgreengames.ca/project/eco-outreach-team-31020>

The Mighty Oak

<https://www.bcgreengames.ca/project/mighty-oak-team-21021>

Zero Waste Recycling--Finding Waste to Change

<https://www.bcgreengames.ca/project/zero-waste-recycling-finding-waste-change1022>

2010

Reynolds L.U.N.C.H. Program (Locally United for Nutrition and Courtyard Harvest) (WINNER)

<https://www.bcgreengames.ca/project/reynolds-lunch-program-locally-united-nutrition-and-courtyard-harvest1209>

Reduce--Building a Culture of Less and Local

<https://www.bcgreengames.ca/project/reduce-building-culture-less-local1210>

Sustainable City Project

<https://www.bcgreengames.ca/project/sustainable-city-project1211>

2011

Energy Reduction

<https://www.bcgreengames.ca/project/reynolds-get-real931>

Reynolds Recycles and Pushes Program District Wide (WINNER)

<https://www.bcgreengames.ca/project/reynolds-recycles-and-pushes-program-district-wide932>

How does your Garden Grow?

<https://www.bcgreengames.ca/project/how-does-your-garden-grow934>

2012

Chicken Fostering Project (WINNER)

<https://www.bcgreengames.ca/project/chicken-fostering-program1321>

Reynolds Local Salad Bar (WINNER)

<https://www.bcgreengames.ca/project/reynolds-local-salad-bar1322>

2013

Reynolds L.U.N.C.H. Program part 3--Mentoring

<https://www.bcgreengames.ca/project/reynolds-lunch-program-part-3-mentoring1520>

Reynolds Eco-Fair "Where We Live" Vision & Planning (WINNER)

<https://www.bcgreengames.ca/project/reynolds-eco-fair-where-we-live-vision-planning1521>

2014

Reynolds Electric Bike (WINNER)

<https://www.bcgreengames.ca/project/reynolds-electric-bike-prototype1597>

Reynolds Red Wiggler Ranch

<https://www.bcgreengames.ca/project/reynolds-red-wiggler-ranch1598>

2015

Hydroponics-- Greens for the Salad Bar (WINNER)

<https://www.bcgreengames.ca/project/hydroponics-greens-salad-bar121>

2016

Green it Forward (WINNER)

<https://www.bcgreengames.ca/project/green-it-forward491>

Eat your Weeds

<https://www.bcgreengames.ca/project/eat-your-weeds497>



2016

Green it Forward (WINNER)

<https://www.bcgreengames.ca/project/green-it-forward491>

Eat your Weeds

<https://www.bcgreengames.ca/project/eat-your-weeds497>

2017

Mason Farms & City Harvest Coop Growing in our Courtyard (Field Trip Winners this year to Galiano Island Conservancy)

<https://www.bcgreengames.ca/project/mason-farms-city-harvest-coop-our-courtyard1677>

Garbage Patch Kids

<https://www.bcgreengames.ca/project/garbage-patch-kids1690>

2018

Won Membership to Environmental Local Specialists Association this year

'Flex-edible' Studies- A reskilling and Food Adventure

<https://www.bcgreengames.ca/project/flexedible-studies-reskilling-and-food-adventure2219>

Zinc Saves Lives

<https://www.bcgreengames.ca/project/zinc-saves-lives-battery-recycling-campaign2222>

2019

Reynolds Pop-Up Cafe Book STOP & Clothing SWAP:

<https://www.bcgreengames.ca/project/pop-cafe-book-stop-clothing-swap2684>

Reynolds Schoolyard Garden Program (HOUNOURABLE MENTION)

<https://www.bcgreengames.ca/project/reynolds-schoolyard-garden-program2650>