Stakeholder Introductions
Waste Sorting Posters - Undraa Irvin
Responsible Gear Article - Rowan Henke
Sustainability at ASV – Emma Pinezich
Waterman Bathroom Composting – Carlos Aldea De Vicente & Mackenzie Laverick
Water Conservation – Skylar Alger & Mary Lynch
Rethinking Plastic Bags – Charlotte Graff & Isabelle Coppola
Composting at Interfaith Center – Cate Kreider
CCRH Energy Competition - Natalie Connor & Riley Korhonen
Cigarette Butt Collection, Clean Up & Art – Jacob Weinstein & Joanna Santoro
POI Video & Illustrations - Mackenzie Laverick
How to Waste Sort Posters!
Undraa Irvin
The Problem

- Waste sorting can be hard!
- Rules change for each state
- As shown by the Green the Gutt data,

  only 47.2% of what was sorted as trash was actually trash
My Goal

- My Interest
  - Wanting to see my community be as green as possible
  - If I, a change agent, just learned these waste sorting facts, then chances are most people don’t know either

- Solution is to educate!

- Goal: to create a group of informational waste sorting posters and hang them up all around the campus or get them laminated and put them up in all the bathrooms
  - Everyone uses the bathroom -> everyone will eventually learn how to waste sort correctly
Results

- Successful but haven’t distributed the posters yet
- Measurement
  - Compare trash room data
  - Compare waste audit data
- No budget
- Stakeholders
  - Managers/Caylin/Tiana
Results (cont’d)

● Problems encountered
  ○ Canva
  ○ Permission to poster around campus
    ■ Scope changed to just res halls

● What I learned
  ○ Tech skills improved
  ○ How to waste sort in Chittenden county
DID YOU KNOW?

**BLACK PLASTIC:**
In VT, it is **NOT** recyclable!

**BOTTLE CAPS**
Must be attached to be recyclable!

**WHEN IN DOUBT, THROW IT OUT!!!**
If you don't know where it goes, throw it in the trash! It will contaminate the recycling!

**PIZZA BOXES:**
Recycle clean ones and compost dirty ones!

**If it's less than 2x2 INCHES**
It goes in the trash! Anything smaller will fall through the machines at recycling sites.

**FILM PLASTIC**
such as food wrappers are **NOT** recyclable!
**E-WASTE**

Is recycled differently and goes in the designated bins around campus!

**Shipping Boxes:**

1. Take out any bubble wrap/protective packaging
2. Break down and fold
3. Recycle!

**Black Plastic**

Is NOT accepted at our recycling facility due to its low value!

**When in doubt, throw it out!**

If you don't know where it goes, throw it in the trash instead of potentially contaminating the compost or recycling!

**Pizza Boxes:**

Recycle clean ones and compost dirty ones!

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**Do's of Recycling**

Do break down and fold cardboard boxes

Do rinse recyclable containers clean

Do put batteries, e-waste, plastic bags, and clothing in specialized bins

Do buy goods made from recycled materials

**Containers**

Such as bottles, cans, jars, and tins made from plastic, metal, or glass

Need to be empty and rinsed clean to be recyclable!

**Bottle Caps**

Must be attached to the bottle to be recyclable!

**Film Plastic**

Such as food wrappers and plastic bags are NOT recyclable!
Reduce, Reuse, Repair

Rowan Henke
The Problem

When we retire clothing and gear, we not be thinking about where it’s going.

The average U.S. citizen throws away 70 pounds of clothing every year, all of which ends up in our already crowded landfills.
The Problem

Much of the clothing that goes to goodwill gets exported, not consumed in US.
My Goal

Educate UVM students on how to be a more mindful and responsible consumer.

-Reduce
-Re-Use
-Repair

THE BUYERARCHY
OF NEEDS
(with apologies to Maslow)
Thesis: Catamounts may love nature, but do we always consider the environmental impacts of the gear we buy, or what should be done when we retire it?
Measure

Redstone Campus clothing swap and donation drive

Wednesday: 5-7PM

Count number of people that participate

Hope to see how many views/reads on the article
What’s next?

Continue education of how to mindfully consume.

Encourage people to buy used if they must purchase.

More accessibility to rent/borrow gear.

A better way for students to communicate about borrowing, buying, selling... An app?
Admitted Students Day Tabling

Emma Pinezich
Opportunity

- First year of Eco-Rep’s tabling at ASV days! “Sustainable Living”
- Opportunity to promote sustainability before students have even arrived
- Opportunity to recruit future ecoreps
Budget and Stakeholders

- Koodos to Tiana for the poster
- Koodos to people that helped table
  - (Natalie, Skylar and Cate)
- Fun tabling supplies
- Coordinating with ASV people in general
Results

- Hard to measure
- Engaged with many students and some parents
- Handed out many recruiting flyers
Questions?
Waterman Restroom Paper Towel Composting

Change Agents involved:

-Mackenzie Laverick

-Carlos Aldea
GOALS OF PROJECT + INTEREST ON TOPIC

- Bring composting to as many locations as possible in the Waterman building
- Specially Bathrooms and Waterman Café
- Krista started the project and Carlos & Mackenzie took over
- Interesting because it’s a simple idea but hard to accomplish
Budget

- Tape and signs (Office of sustainability)
- Compost liners
Stakeholders

- Corey (provided compost liners)
- Bich, head custodian of Waterman urged staff to install them
- Mackenzie & Carlos
RESULTS!!

History of Compost Liners in Waterman
RESULTS!!
Lessons!

- Patience
- Perseverance
- Hardest weeks were 1-5
- Make sure that compost liners are getting to the right compost dumpster
- Focus on Waterman Café composting
- Performing bathroom audits from time to time
- Personal project’s goal has been met in essence but should be maintained
KUDOS

-KRYSTA
-MACKENZIE
-COREY
-BICH
Skylar Alger and Mary Lynch
Water Conservation on Campus

Motivation and Goals:

- Water waste is often overlooked in daily life
  - Tabling targeted individual and industrial water use
  - Fact Sheets and other materials offered to raise awareness about water use
- Shower timers were offered to L/L residents living in suites
  - Timers were used to reduce water wasted in the shower
Results

47 people engaged at our **tabling** events

33 people signed up to use **shower timers in L/L**

Some Follow-up Results...

➔ 93% reported using their timers
➔ 71% reported shortening their showers
➔ 71% predict they will continue to keep their showers short
➔ 64% support permanent timers
Moving Forward...

Permanent signage in bathrooms/laundry room

Replacing/Upgrading Equipment

Shower timers on a larger scale
Rethinking Plastic Bags at UVM

Charlotte Graf and Isabel Coppola
The Problem

UVM Bookstore *still* uses single-use plastic bags

Reduced from previous years, but still being distributed nonetheless

Personal interest in project

**The Goal:** Eliminate plastic bags in the UVM Bookstore by Fall 2019

⇒ Currently 23,000 bags remain and there is no plant to purchase more
Stakeholders

- Bookstore Manager, Jay Menninger and Employees
- Customers → Customer feedback via survey
- Thomas Gustafson ("Gus") - VP of University Relations & Administration
Survey Results

Did you take a single use plastic bag with your purchase?

309 responses

- Yes: 64.1%
- No: 35.9%
Would you still have taken the single use plastic bag if there was a fee involved with taking one?

111 responses

- Yes: 21.6%
- No: 78.4%
Would not having the option to use a plastic bag detract from your experience?

111 responses

- Yes: 15.3%
- No: 84.7%
Next Steps...

- Solidify a **clear commitment** to ending the use of plastic bags in the Bookstore in Fall 2019
- **Communicate** this commitment to the community via formal press release, Cynic article, signage
  - Integrate the new policy into student culture, with help from the administration
- Implement plan to replace plastic bags with reusable totes & repurposed cardboard boxes
Composting at the Interfaith Center!

By Cate Kreider
Implementing compost as a daily habit

● Academic buildings and student centers of traffic need composting just as much if not more than in Res Halls
● Having composting available at the Interfaith Center here reinforces the habit and message that composting is for everywhere
● To address, I implemented office composting with liberal signage
● Also, at regular, food based events, I brought one of the compost units from the Davis Center
People bring food and the center offers complimentary snacks and tea. Having it composting for that reinforces the habit for when students are off campus.

We really want to instill lasting ideas and habits. Bringing composting to a student and religious center helps people understand that it isn’t something just for while they’re at school.
Thanks to stakeholders and moving forward

**Laura Engelken**, Interfaith Center Coordinator, has been a huge supporter, allowing me to-
- add directions for Center employees to take out and renew the compost next year

**Corey Berman** mails compost bags and is integral to the continuation of this project. He also gave a lot of information about how composting on this campus works. **Caylin McCamp** was also super supportive and a guiding force throughout this!

Next year the office compost should continue without a hitch, and we’re hoping to add Dinner and Dialogue to the shift sheet here so that Eco-Reps can continue to bring composting to the largest dining events at the center!
Learning Experience and Questions

- It’s okay to start or think small, office composting doesn’t seem like much, but I’ve talked to many visitors who are so grateful to have it, even being small.
- Planning for sustainability, beyond this first year, works best when considered from the start.

This project took zero budget, could probably use a little more future planning and advertising, but all in all accomplished my goal and has created habits that persist even when the composting set up isn’t in action (over breaks).

Questions?
Cigarette Butts

Joanna Santoro and Jacob Weinstein
Cigarette Butt Pollution

- Problem is cigarette butt litter all around campus
- My interest is due to it being a project that many people have worked on
  - Gil, Brigitte, Makayla
- Cigarette Butts are aesthetically displeasing at a Tobacco-Free University
- Large environmental concern from leachates poisoning aquatic life
- Original goal of receptacles
Budget Needed

- Money for receptacles came from Tom Gustafson's office
- Money required for baggies for picking up cigarette butts during community cleanup
- Art project materials were free
Stakeholder Roles

- Harry Chen - Director of Center of Health and Wellbeing and Public Health Officer
- Tom Gustafson - Vice President of University Relations and Administration
- Tobacco Free Committee
- Student Government Association
  - Resolution
  - Organizers of community cleanup
- Makayla Salas - homie
- Students and faculty/staff, especially those who smoke on campus
Audience and advertising methods

- **Tabling**
  - To inform students of the receptacles that will be in next year
  - Mixed feedback, from “shouldn’t we not be promoting smoking?” to “so does this mean that UVM is no longer regulating what people put in their bodies?”
  - Seems to be a disconnect in thinking about cigarette butt receptacles on a tobacco free campus

- **Art piece**
  - To make people think about water, air, and land pollution from cigarette butts and their ripple effect in the environment
Results and Next Steps

- There is a pilot program happening! 11 receptacles around campus
- What methods can be used to keep this program going?
  - Through SGA
  - Through student feedback → surveys? Ways to measure success?
- And what methods can be used to leave room for changes?
  - Feedback from students and faculty/staff who use them and those who don’t
  - Keeping in touch with the people who decide whether they stay and understanding their thoughts, plans, and limitations.
POI VIDEO & ILLUSTRATIONS

Mackenzie Laverick
Project Goals:

- Bring awareness to the POI campaign
- Educate students in a new way about POI and zero-waste related topics
- Create something that inspires others

Audience: everyone the video could reach, but specifically UVM students. The posters should be up on the Facebook and Instagram, and the video is also on YouTube.

I’m passionate about sustainability and art, so I hoped to combine these two in a way that explains the message PLAN is trying to present in their POI campaign. The budget was $0 and hopefully the video can soon be up on the DC screens, with the permission of the Davis Center.

Thanks to Kylie for giving me advice on the stop motion, Caylin for all her advice, and Tiana for help with figuring out photoshop!
Results:

- [https://youtu.be/LRKUhQFYkBQ](https://youtu.be/LRKUhQFYkBQ)
- [https://youtu.be/LRKUhQFYkBQ](https://youtu.be/LRKUhQFYkBQ)
Success! The video and posters were created on time and are up online if you want to view them.

The end result wasn’t 100% of what I envisioned, I created several drafts and had a voice over script planned, but the screens in the Davis Center don’t play sound so the extra audio would’ve been pointless.

A few of the posters I designed are still the ‘in-progress’ stage, so maybe in the future I can finish those.

The main challenge was finding time to work on the project, because school, other eco-reps work, partnering with Carlos on the Waterman project, and life in general kept me pretty busy.
CCRH Energy Reduction Competition

Natalie Connor and Riley Korhonen
Goals

- Reduce electricity usage
- Involve the community
- Incentivize using WE coins
Details

- Timeframe: entire month of March
- Materials: LED lightbulbs, smartstrips, posters
- Publicity: Tabling in lobby before event, WE newsletter, raffle for smartstrips, free LEDs, Burlington Electric, word of mouth
WEEK 1+2 Results
Week 3

Percent Change in Electricity Used

- Baseline
- Wk 1
- Wk 2
- Wk 3

2E  3E  4E  5E  6E  7E

Percent Change in Electricity Used

- Baseline
- Wk 1
- Wk 2
- Wk 3

2W  3W  4W  5W  6W
Week 4

CCRH ENERGY COMPETITION
FINAL RESULTS

6 WEST IS THE WINNER
BY REDUCING CONSUMPTION
BY 15.2%!
Winner?

6 West!

Each participant won 500 WEcoin to be spent in the WE store
Successes

First Electricity reduction competition on UVM’s campus!

Some increased awareness around impact of small actions on electricity use
Next steps

Involve more dorms

Greater community awareness

Campus-wide celebration of earth week