



CHAMPLAIN COLLEGE
Center for Service & Sustainability

2017-2018 Annual Report

and

Sustainability Action Plan Progress Report



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INTRODUCTION & REPORT SUMMARY

In August 2016, the new Center for Service & Sustainability evolved from the former Center for Service & Civic Engagement, under Student Life, and the Sustainability Office, under Finance & Administration. The Center for Service & Sustainability, which reports up through the Academic side of the house, empowers the members of our learning community to advance social justice and responsible environmental stewardship in our classrooms, on our campus, and (hopefully!) throughout the world. Through the practice of service learning, we connect learning objectives in courses with projects in the community and on campus. Under this broad umbrella, the Center supports three existing efforts: the student Eco-Rep Program, the Green Revolving Fund, and Sustain Champlain, our campus sustainability initiative - in close alliance with Campus Planning & Auxiliary Services Team, esp. the Transportation Office, Physical Plant and Dining Services.



Mission & Vision

MISSION: The Center for Service and Sustainability works to connect the students of Champlain College with the broader community in beneficial ways that provide educational opportunities to reflect, to learn and to work toward a flourishing world for all.

VISION: Through innovative leadership, the Center for Service and Sustainability will empower the members of our learning community to advance social justice and responsible environmental stewardship in our classrooms, on our campus, and throughout the world.

Who do we serve?

1. Faculty - through professional development workshops, coaching, and resources so that they can include service-learning projects in their courses
2. Students - through leadership opportunities such as the Eco-Reps program, International Service Trips, and resources for sustainable living practices
3. Staff - through providing resources for community service opportunities and sustainable living/working practices
4. Community Partners - through providing resources to connect with students and faculty to engage in service-learning projects

How do we interface with those we serve?

We provide a host of in-person events and workshops as well as digital resources through our website and social media. Our shared [google calendar of events](#) and opportunities and our [blog](#) are two particularly active resources. Our office (Skiff Annex 203) is also open for meeting space.



2018 Highlights

- Hosted internationally renowned author and climate activist, Bill McKibben, on campus, October 2017
- Hosted satellite site for [Student Sustainability Leadership Symposium](#), November 2017
- Joined the [Burlington 2030 District](#), with the goal of reducing building energy consumption, water use, and transportation emissions 50% by 2030.
- Inaugural year of the Service-Learning Faculty Fellows program, Spring semester 2018
- Hosted Music For Malayaka House fundraising event, with members of the Vermont Symphony Orchestra, February 2018
- Held Second annual Community Partner & Faculty networking event during May Faculty Collaborative
- Successful Service Trip to Malayaka House, Uganda in May 2018, with over \$7,000 fundraised
- President Laackman signed onto the [Higher Education Carbon Pricing Endorsement Initiative](#) (April 2018), a concluding service-learning project of ENP 300
- Region-wide [GreenRide Bikeshare program](#) launched, with Champlain as a key partner, April 2018
- Presented first Service-Learning Faculty Award to Duane Dunston, Assistant Professor, Cyber Security, May 2018
- Perry Hall achieves the first non-residential [BLUE certification](#), June 2018



Environmental Policy students and Eco-Reps with Bill McKibben

Testimonials

From a community partner:

I just wanted to take a moment to once again thank you for helping us last week. The best part of my job is meeting folks who want to help others with nothing in return. It's always heartwarming. I also wanted to mention that I have heard from a very enthusiastic group from Champlain College's Student Ambassadors. They will be helping us with painting our new location and with one of the busiest days of our move. Champlain is really coming through for us this month. Be proud.

Jim Robinson, AmeriCorps, Volunteer Coordinator, ReSource

From a student:

[This comes from a group of three students who traveled to Zanzibar, Tanzania over Winter Break 2018, with Gary Scudder & Steve Wehymeyer's Core 220 Aesthetics class, who want to return to the school they visited and provide computers and other materials.]

Before summer break we wanted to give an overall email update to recap everything we have been able to complete (thanks to you!) and what we will continue throughout the summer break and next semester.

What We've Accomplished:

- Collected 30 laptops
- Through a grant from the SGA, bought 2 generators and 3 solar panels
- Received President Don Laackman's "seal of approval"
- Connected with the Headmistress and Headmaster of both schools
- Created a website: techdren.wixsite.com/techdren
- Obtained a logo created by my sister (for free!)

Next Steps:

- Continue on a quest for a "Go Fund Me" through Champlain
- Find outside funding for our trip back to Zanzibar for Winter Break 2019
- Start "refurbishing" the laptops
- Start translating "manuals"



Thank you for taking time out of your busy schedule to support us on this amazing pursuit! We have accomplished so much in such a small time frame and it would not have been possible without you! Jacqueline Noborikawa '20, Data Analytics Major // Mathematics Minor, Student Ambassador, Financial Peer Coach

From a staff:

Overheard on site while serving at the Vermont Youth Conservation Corps' Farm: "These aren't the same muscles as I use on my keyboard."

From a faculty:

[A message shared by one member of the Service-Learning Faculty Fellows to the rest.]

Just wanted to share something that happened linked to service learning, and that made me very happy :) As you might remember, I included an indirect service learning component to one of my classes this year. Community members came to class, presented different problems that students are supposed to address as part of their final projects. Interacting directly with the community partners is not required or expected.

Yesterday night I went to a concert - the piano trio performing happened to be one of the community partners working with my students. And sure enough one of my students was there. I should mention that they are not

one of the best students in the class, and they had no way to know I would have been there. I stopped to say hello, and they told me that they decided to come because the project was so good and they wanted to have a "deeper experience." After the concert, they added that it was the first time they were at a classical concert and that has been a fantastic experience.

I was almost moved, the players were so impressed by the students' commitments.... I know this is a very small thing, but it warmed my heart - so I wanted to share with you all!

Barbara Colombo, Associate Professor, Psychology

Report Summary

This annual progress report presents this year's activities, events, successes, and next steps for the Director of Service & Sustainability Learning, the Center for Service & Sustainability, and related committees, partner programs and departments, following the goals and metrics outlined in the [2013 Sustainability Action Plan](#).

Defining Service-Learning at Champlain College

Service learning is an experiential teaching method that combines community service with academic instruction as it focuses on critical, reflective thinking and civic engagement. Service learning involves students in intentionally designed projects in collaboration with community partners. Projects address specific partner needs while developing student academic skills, professionalism, and a sense of civic responsibility. (Source: adapted from Campus Compact National Center for Community Colleges; Adopted by Champlain College Faculty Senate, Spring 2004; updated and approved by Curriculum Committee, Fall 2017)

Defining Sustainability at Champlain College

Champlain views sustainability in an inclusive way, encompassing human and ecological health, social justice, secure livelihoods, and a better world for all generations, as defined by the Association for the Advancement of Sustainability in Higher Education (AASHE). At Champlain College, sustainability is a central value and we strive to infuse it throughout our other core values of distinctive excellence, innovation, human touch, global engagement, diversity and inclusion.

Sustainability Value Statement

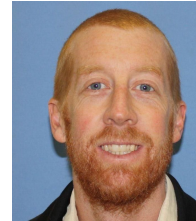
Champlain College will be a sustainable institution, in our operational practices, our campus culture, our curriculum and in our relationships with our greater community. It is our belief that as we support students to be 21st century global citizens, they need to be well informed about sustainability concepts and practices as it relates to their field and profession. Further, we must create a campus where fully engaging in these concepts and practices is a part of life for our whole community. Additionally, we will be a model for other institutions and communities as we create an example of positive impact on the planet and its inhabitants. Because sustainability is a holistic and interdependent concept, our application of sustainability on campus and within our institution will demonstrate this and be *INFUSED* into all that we do.

People of Sustain Champlain

Christina Erickson
*Director of Service &
Sustainability Learning*



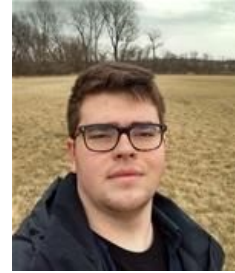
Nic Anderson
*Associate Director,
Sustainable
Transportation*



Lily Mason, ENP '18
Outreach Liaison focusing
on Fair Trade and other
food related projects.



Gabe Ingram, ENP '19
Outreach Liaison (Fall
2017) focusing on
service related projects



Ben VanCleave, Graphic
Design '20
Office Assistant, focusing
on Real Food Calculator
project, blog updates and
graphic design projects



Holly Francis, ENP '20
Outreach Liaison (Fall
2018) focusing on service
related projects and Swap
Shop



George Bishcoff, UVM
ENVS '19
Intern (Spring 2018),
Going for AASHE STARS
Gold proposal



Eco-Reps

Alex Wood '21
Alicia O'Brien '21
Alysha Ailing '20 (spring)
Anne Calonico '21
Ariel Simpson '21 (spring)
Caitlin Allen '21
Courtney Pomroy '20 (fall)
Duncan Persons '19 (fall)
Haley Smoody '20 (spring)
Hansel Carter '20 *Eco-Rep Co-Captain*
Jake Wright '20 (fall)

Madison DeGeorgio '21
Maggie DeCapua '18 *Eco-Rep Co-Captain*
Maggie Woodman '19 (fall)
Mike Andreula '18
Tatum Robinson '20 *Eco-Rep Co-Captain*
Schuyler Gann '20
Toben Fay '21 (fall)
Walter Hill '20
Zoe Caron '19 (fall) *Eco-Rep Co-Captain*



Center for Service & Sustainability Advisory Team

Valerie Esposito (EHS), Robin Collins (ITS), Keith Oppenheim (CCM), Sarah Yahm (CCM), Cathy Duffy (SSB), Don Haggerty (SSB), Kristin Wolf (Core), Erik Eskilsen (Core), Kelly Thomas (Core), Laurel Bongiorno (EHS), Sandy Yusen (Strategic Communications), Ellen Zeman (Academic Affairs), Rebecca Mills (Center for Learning & Teaching)

Green Revolving Fund Committee

Tom Bonnette (Staff), Vikki Gauvin (Staff), Regina Farrell (Staff) Lindsey Godwin (Faculty), Robin Collins (Faculty), Nicole Morris (Faculty), Haley Parent '18, Abigail Lewis '21, Ceclia Pohlar '21

Committee's Charge: to advise and manage the College's [Green Revolving Fund](#), an investment fund that finances energy efficiency, renewable energy, and other sustainability projects on campus.

Transportation Committee

Aaron Leonard (Student, SGA Senator), Bruce Bovat (Staff), Christina Erickson (Staff), Danelle Berube (Staff), Fritz Burkhardt (Faculty), Jean-Marie Severance (Staff), John Caulo (Staff), John Ware (Staff), Katie Martin (CATMA), Linda Wheeler (Staff), Nic Anderson (Staff), Tom Bonnette (Staff), Sue Chamberlain (Staff), Miriam Horne (Faculty), Michael Wall (Staff), William Hancy (Faculty), Juliette Cavanaugh (student)

Committee's Charge: To implement the [2013 Transportation Plan](#) and to continue finding ways of reducing single-occupancy vehicle travel to/from campus. To work with our transportation partner, CATMA, on these goals.

Please note: not all metrics for the Sustainability Action Plan are updated every year.

INSTITUTION



Coordination and Planning



Vision: As Champlain College makes plans for the future, we will incorporate sustainability into our decision making processes.

Goals:

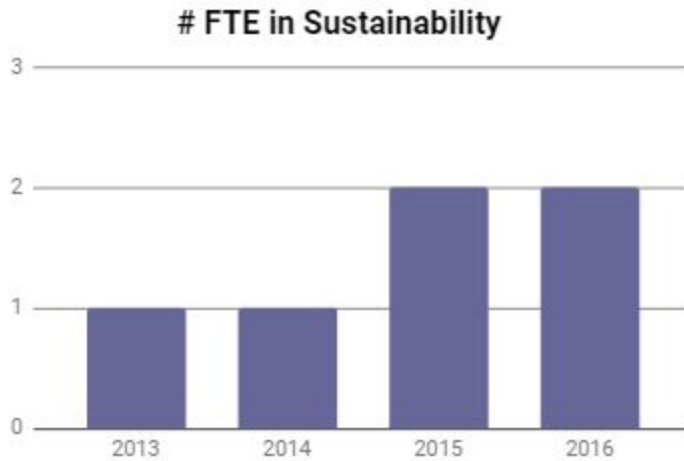
- Sign the American College and University Presidents' Climate Commitment **OR** make a comparable public commitment regarding carbon reduction goals by 2014. See next page for action steps related to ACUPCC.
- Continue to work on action steps within the [Master Plan](#) and produce an update on progress by 2015.
- Create a carbon adaptation plan, which acknowledges upcoming potential risks from severe weather events, etc. and creates a plan for preparing our campus infrastructure, by 2018.

Progress:

- Annual Sightlines presentation to Board of Trustees, continued discussion regarding next steps of carbon mitigation and goal setting
- Res Tri Project completed August 2014, achieved LEED Gold Rating
- CCM project completed August 2015, achieved Green Globes certification (3 Green Globes rating)
- Achieved AASHE STARS Silver Designation in June 2016 – good for three years
- Inclusion [The Princeton Review's Guide to Green Colleges](#) (expected in August 2018) – 6th year in a row
- Meet quarterly with Vermont Gas and Burlington Electric Department, to discuss further energy conservation projects and incentives
- Institutional memberships:
 - o [Association for the Advancement of Higher Education](#) (AASHE)
 - o [Vermont Campus Sustainability Network](#) (VCSN) – sunsetting in May 2018
 - o Joined the [Burlington 2030 District](#) in November 2017



Metric: 2013 as baseline year



What's Next:

- In conjunction with Campus Planning, Burlington Electric Department, Vermont Gas, and develop a detailed project list that allows us to set realistic yet strong carbon reduction goals aligned with Burlington 2030 District
- Outline Carbon Adaptation project plan

BURLINGTON

6 MILLION
SQUARE FEET COMMITTED

BURLINGTON
2030
DISTRICT®



OUR MISSION | The Burlington District is a private/public partnership working to reduce building energy consumption, water use and transportation emissions 50% by 2030. By establishing the economic case for these reductions, we help property owners increase asset value, reduce operating costs, and create a healthier community.



<http://www.2030districts.org/burlington>

Photos courtesy of S. Mermelstein of VTDrone.com

Investment

Vision: Investments in the campus that reflect our institution's values and needs.



Goals:

- Through donor solicitations and energy savings repayments, grow the Green Revolving Fund to \$500,000 by 2020.
- While balancing the critical need to invest in high performing funds, explore socially/environmentally responsible investments for the endowment including:
 - Sustainable industries, such as renewable energy or sustainable forestry
 - Businesses selected for exemplary sustainability performances
 - Sustainability investment funds, such as a renewable energy investment fund
 - Community development financial institutions (CDFI)
 - Socially responsible mutual funds with positive screens.

Progress:

- [Listed on Advancement's Donation Options website](#)
- [2016-2017 Annual Report](#)
- GRF funded in 2017-2018:
 - o Lyman Hall LED retrofits (Summer 2017)
 - o Pearl Hall LED retrofits (Summer 2018)
- Community Fund projects funded in 2017-2018:
 - o Perry Hall Pollinator Friendly Garden, Service-Learning project for Environmental Science class (Fall 2017)
 - o Moveable compost bin for events in Champlain Room (Spring 2018)

See [Funded Projects](#) page to Green Revolving Fund website

Metric: Amount of money raised for Green Revolving Fund = totaled \$100,000 in 2015

What's Next:

- Engage Advancement Office in more discussion about how to raise more money
- Continue discussions about College investments



Updated lighting in Lyman Hall



Affordability

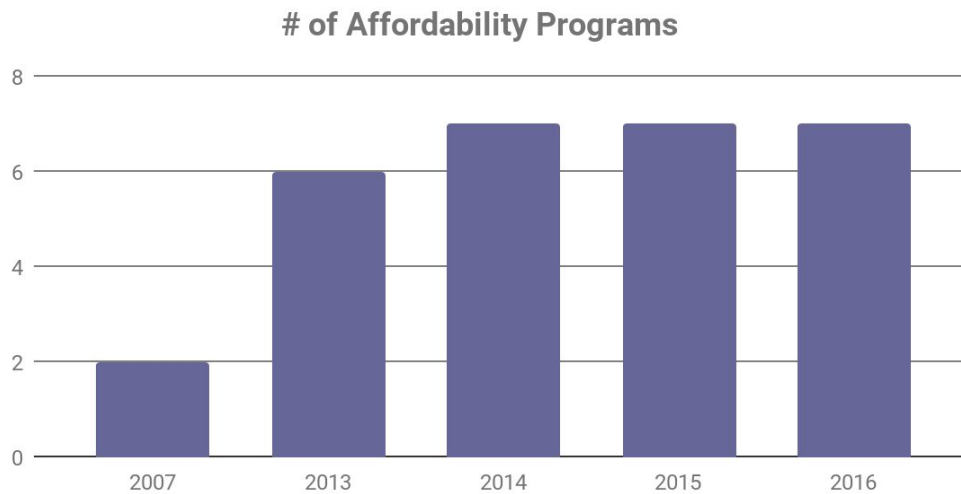
Vision: Champlain College will provide aid to individuals who would otherwise not have the chance to continue their education in order to cultivate an accessible and inclusive institution.



Goals:

- Support the objectives listed under Champlain 2020 Strategic Goal V: Foster an Inclusive & Diverse Community

Metric: 2007 as baseline year



Includes:

[Single Parents Program](#)

[New Americans Scholarship](#)

[Yellow Ribbon Program](#)

[Vermont First Scholarship](#)

[Imagine College](#)

[Angel Fund](#)

Admissions Pipeline with Charter High School for Architecture & Design (CHAD)

What's Next

- Continue conversation around collaboration with Office of Diversity & Inclusion and Financial Aid

Human Resources

Vision: Champlain College will be a fair and responsible employer that provides a healthy, happy and sustainable working environment to its employees.



Goals:

- Add a "Heart Healthy Printing" campaign to Wellness Committee initiatives by 2014
- Support the objectives listed under Champlain 2020 Strategic Goal IV: Excite, Engage & Empower Faculty & Staff

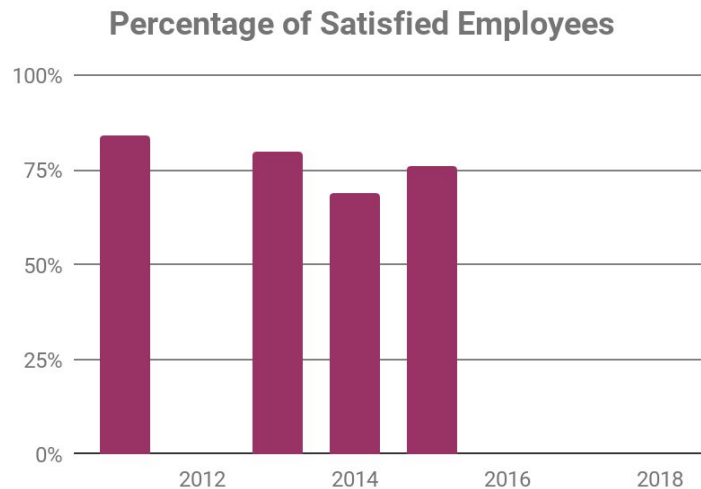
Progress:

- Active [Wellbeing Committee](#)
- [Total Compensation Statements](#) initiated in 2014-2015, continued in subsequent year
- Faculty & Staff Engagement Day, with afternoon service option – May 2014 - 2017; redesigning program in 2018.



Champlain staff and faculty lending a hand at the Vermont Youth Conservation Corps Farm, May 2018.

Metric: Number of employees satisfied by working conditions (percent). Source: From Modern Think Survey - the positive response to the question that reads "all things considered, Champlain is a good place to work..."



What's Next:

- Bring Faculty and Staff Welfare committees together to work on common goals
- Revamped Employee Service Day(s) program



OPERATIONS

Champlain College supports best practices for buildings, energy, transportation, water, waste, grounds and dining to conserve energy and to reduce carbon emissions and waste.

See [Google Map of sustainable operations practices](#) across campus created by intern Eva Sherman (UVM '17)

Buildings

Vision: As Champlain College continues to expand, our buildings will be constructed to the equivalent of LEED Gold Standard to lower our carbon footprint and to model green behavior to the greater Burlington community and other higher educational institutions. Our existing buildings will be brought up to high energy efficiency standards to prevent energy loss and to minimize costs.



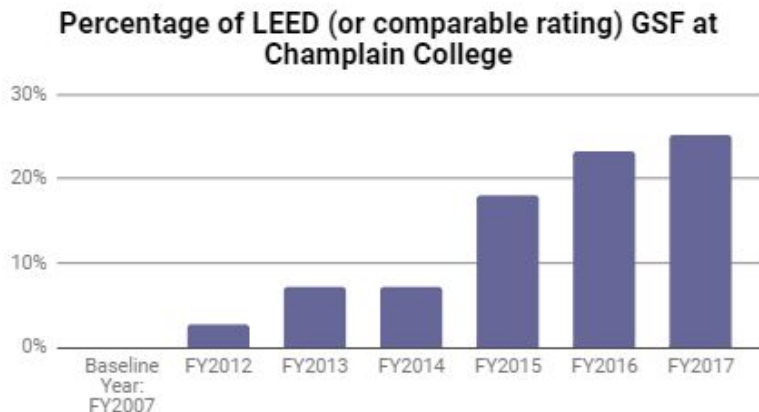
Goals:

- All new buildings as of 2013 must be constructed to meet LEED Gold standards or equivalent
- Establish and follow a deferred maintenance plan for existing buildings by 2014.

Progress:

- Butler, Valcour, Juniper – received LEED Gold rating
- CCM – received 3 Green Globes rating
- Res Hall deferred maintenance plan completed by Karen Dusini & Tom Bonnette in 2014
- Sightlines team completed academic building deferred maintenance plan and presented to BOT in February 2015 with update in April 2016
- Joyce Hall renovation - Summer 2016, including additional insulation, new windows, and improved HVAC system
- 194 Saint Paul Street - slated for Green Globes rating in 2018

Metrics:



What's Next:

- Continue with renovations of historic and/or inefficient buildings

Climate

Vision: Champlain College will be a carbon neutral campus.



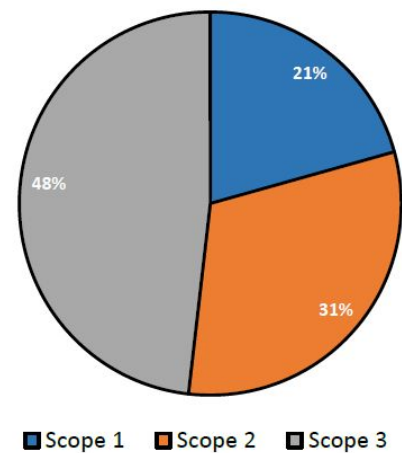
Goals:

- Hire Sightlines to create a specific carbon mitigation plan by 2014
- Champlain will continue to refine our carbon assessment process, including adding data such as work-related travel by employees (conferences, etc.) by 2015
- Champlain College will offer a voluntary carbon offset program option for Champlain study abroad programs by 2017, such as a contribution to the Champlain College Revolving Green Fund.
- Greenhouse gas emissions will be 20% below 2004 Baseline By 2020 (Common Liberal Arts Target) **OR** Greenhouse gas emissions will be 40% below 2004 Baseline by 2020 (Leadership Target).

Progress:

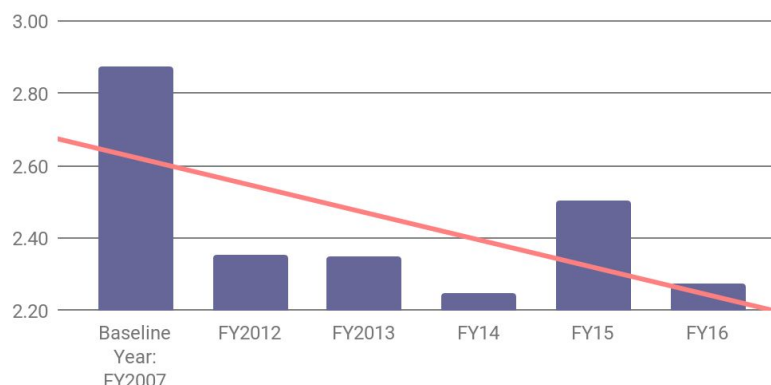
- [Annual Greenhouse Gas Inventories](#)
 - o 2008-2016 completed by Sightlines
 - o [2017 report](#) completed by Jeff Murphy, consultant
 - Scope 3 emissions are nearly half of our inventory, mostly due to daily commuting, and directly financed air travel.
 - Emissions are growing at slower rate than space & population increases.
 - Energy usage is lower than peers, but increasing
 - Still have significantly less emissions per student compared to peer group
- GHG inventory now includes more accurate air travel figures, due to new Purchasing card system which shows airfare purchases
- President Laackman signed onto White House initiative [American Campuses Act on Climate Change](#) (December 2015)
- President Laackman signed onto [Low-Carbon USA letter](#) (December 2016)
- President Laackman signed onto [We Are Still In letter](#) in support of the Paris Climate Accord (June 2017)
- President Laackman signed onto the [Higher Education Carbon Pricing Endorsement Initiative](#) (April 2018)

FY17 GHG Emissions by Scope

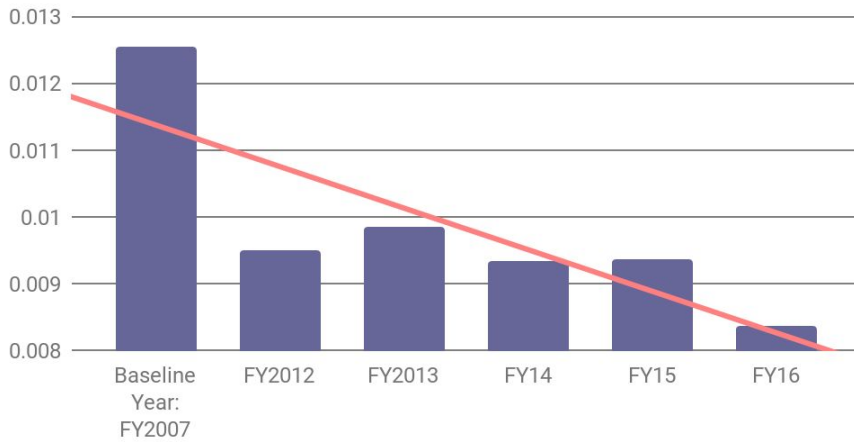


Metrics:

Total Net Emissions (MTCDE) per Capita



Total Net Emissions (MTCDE) per Gross Square Foot



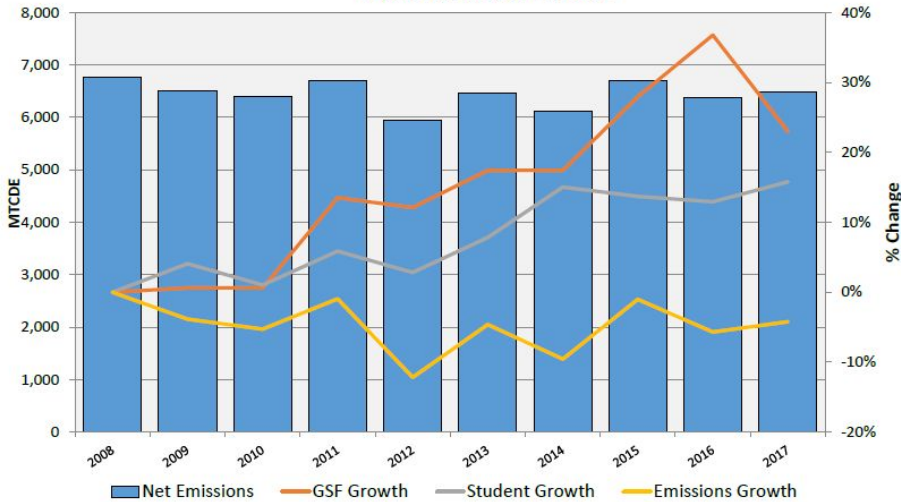
4%
Decrease in GHG emissions despite 25% increase in gross square footage since 2008

What's Next:

- Joined the [Burlington 2030 District](#), with the goal of reducing building energy consumption, water use, and transportation emissions 50% by 2030.
- Follow up with Office of International Education on proposal presented to them in March 2014, including offset ideas

Emissions Growing at Slower Rate than Space & FTEs

Historical Net Emissions



Emissions have decreased by 4% since baseline 2008, while campus space has grown by more than 20% over the same time period

Emission typically track closely with space growth. **Due to how energy efficient the new construction is**, Champlain has been able to decouple those trend lines.

This is also reflective of the **significant role Scope 3** plays in Champlain's emissions profile. A **unique feature for a liberal arts institution**



Dining



Vision: Champlain College will have a zero-waste¹ dining service that features and celebrates 'real food'².

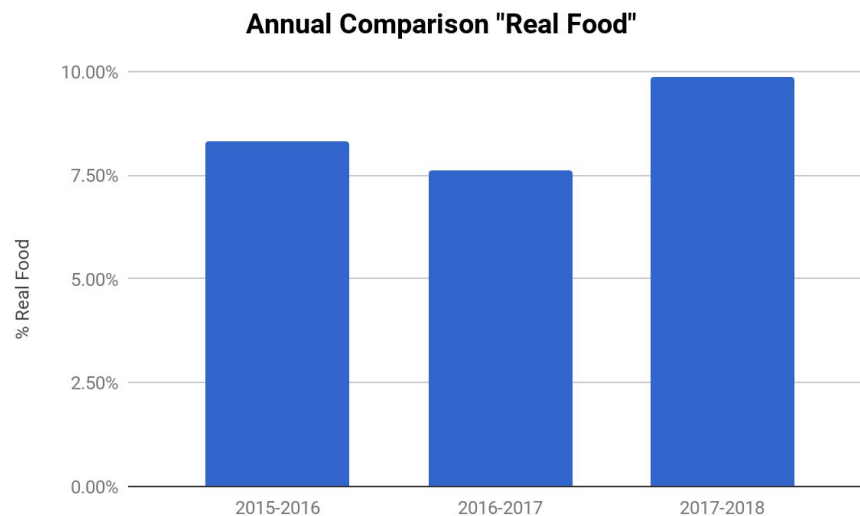
Goals:

- Establish clear procedures for waste management at catered events by 2013.
- Utilize the [Real Food Calculator](#) to assess our current purchases by 2014.
- Working with vendors, develop a zero waste plan by 2020
- Sign on to the [Real Food Challenge](#) and commit to annually increasing procurement of 'real food'—so as to meet or exceed 20% of food purchases by 2020.

Progress:

- Academic year work study Waste Reduction Coordinator focuses on event waste assistance
- Compostable utensils are used for catering as of 2016.
- Compostable takeout containers in EATS as of Spring 2017.
- Developed definitions for local (250 mile radius), organic, VT business, etc. [See food tracking page.](#)
- For the second year, utilizing Real Food Calculator and definitions, collected one year's worth of data of Dining Services purchases, using a three month sample (July, October, February). "Real Food" does not include Vermont products that do not use VT-grown ingredients. Therefore, we also use [Sodexo's Vermont First](#) figures. See [Vermont First 2016 report.](#)
- For the third year, in accordance with being a Fair Trade campus, we analyzed one year's worth of data of Dining Services purchases of bananas and coffee & tea, using a three month sample (July, October, February).

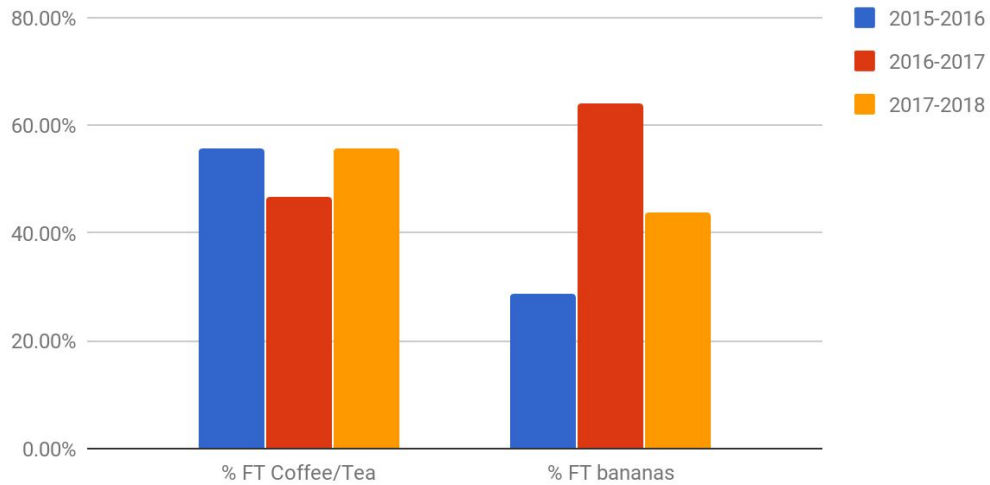
Metric: Amount of "[real food](#)" (percent)



¹ Zero Waste is a goal that is ethical, economical, efficient and visionary, to guide people in changing their lifestyles and practices to emulate sustainable natural cycles, where all discarded materials are designed to become resources for others to use. Zero Waste means designing and managing products and processes to systematically avoid and eliminate the volume and toxicity of waste and materials, conserve and recover all resources, and not burn or bury them. Implementing Zero Waste will eliminate all discharges to land, water or air that are a threat to planetary, human, animal or plant health, as per the Zero Waste International Alliance <http://zwia.org/standards/zw-definition/>

² Real Food is defined as local/community-based, fair, ecologically sound, and/or humane, as per the Real Food Challenge <http://realfoodchallenge.org/>

Percentage (by cost) of Fair Trade Coffee/Tea and Bananas (using a 3 month sample)



Next Steps:

- Continue conversations with Sodexo about setting targets for increasing Real Food, Vermont First, and Fair Trade metrics



Energy

Vision: A campus that minimizes energy needs through efficiency and behavioral outreach as well as utilizing renewable sources of energy such as geothermal and supports [Burlington Electric Department's](#) goal of achieving 100% renewable electricity by 2013. Champlain College understands the large impact that energy usage has on the environment. Therefore, we will strive to lower our energy consumption by reducing our dependency on non-renewable resources and increasing our energy efficiency, utilizing our Green Revolving Fund.

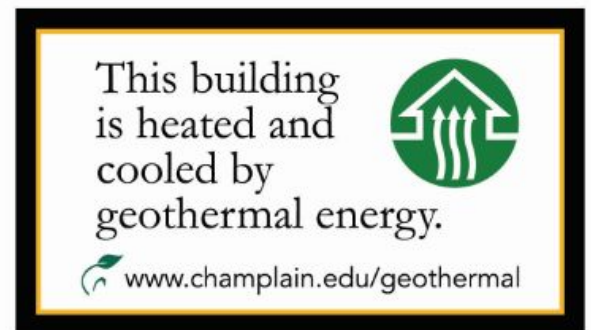


Goals:

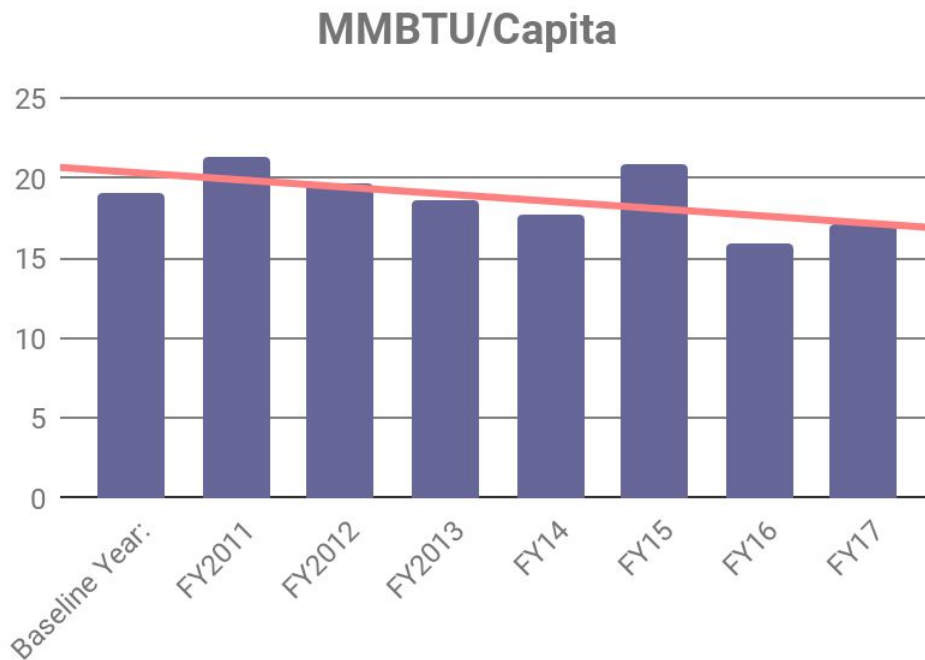
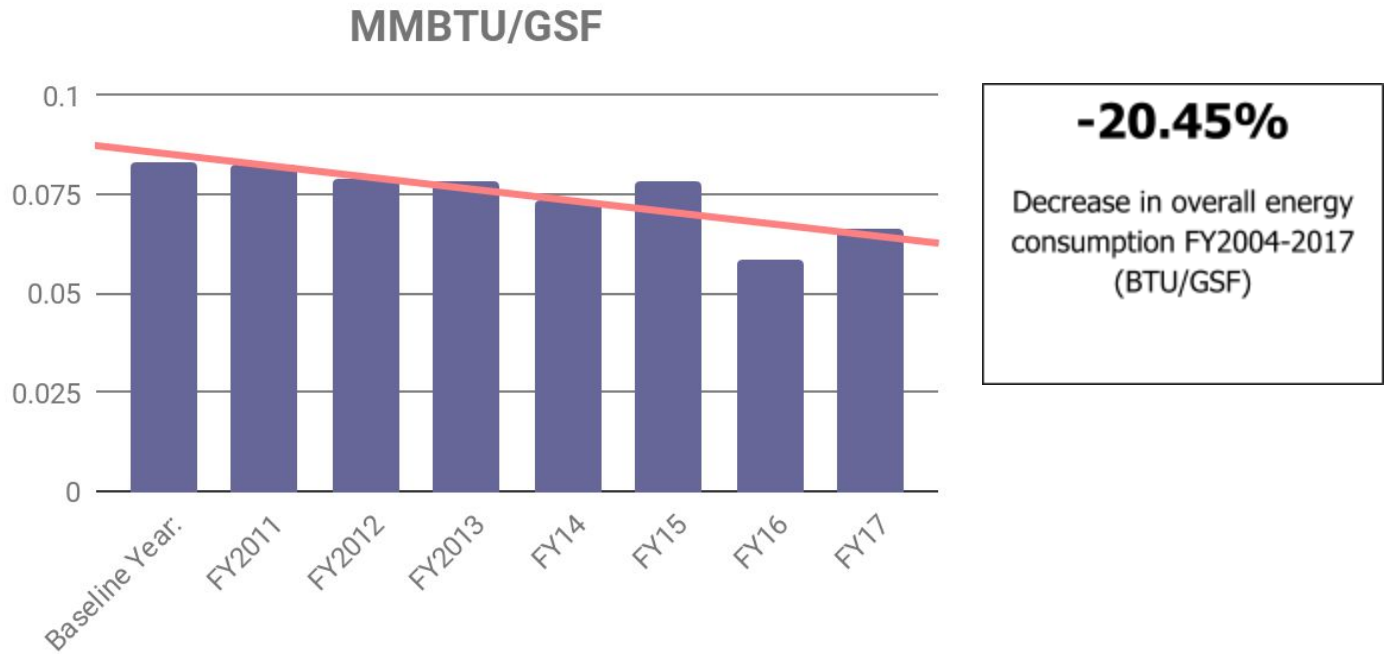
- Approve the drafted energy policy by 2013.
- Finalize and advertise the Champlain College Green Revolving Fund by 2013.
- Purchase Energy Star appliances for all kitchen renovations/expansions by 2014.
- Participate in Vermont Businesses for Social Responsibility's [Business Energy Action](#) challenge and reduce energy usage by 5% annually for 3 years by 2016. (*Discontinued program*)
- Have a real-time energy feedback system that alerts building users as to how much energy is being consumed by 2019
- Expand use of geothermal heating/cooling across campus for future and existing buildings by 2020

Progress:

- Energy policy is still pending approval
- GRF [Website](#) is live; Signed on to [Billion Dollar Challenge](#)
- Hauke / CCM Kitchen renovation included high efficiency appliances
- Created accounts within [BED's Energy Engage Program](#): Used for Feb. 2015 & 2016 Kill-A-Watt Challenge
- Buildings currently on geothermal system (as of June 2017): Perry, Juniper, Valcour, Butler, Whiting
 - Env Policy Capstone Project, Sp2015 – Sean Bird wrote up Champlain Case study
 - Posting signs in buildings - Summer 2017
- Activities & Events in 2017-2018
 - 8th [annual Kill-A-Watt Challenge](#). The winners of the 2018 Kill-A-Watt Challenge are: Bader Hall. Bader residents racked up their scores by a combination of energy savings (a 26% reduction!) and event participation. All told, this year we saw an average of 15% decrease in electrical usage across participating res halls. Using a simplified formula (with a base of \$.12/kwh) we calculated that we **saved over \$990 worth of electricity** during the Challenge.



Metric: Total energy (natural gas & electricity) consumption (in MMBtu equivalents)



Next Steps:

- Continued expansion of geothermal system to include Bader, CCM, Lakeview/Adirondack, McDonald, Hill, Lyman & Cushing

Transportation

Vision: Champlain College will strive to be a campus that offers a wide variety of affordable and convenient alternative transportation options to reduce our greenhouse gas emissions and to increase the quality of life for our community by providing safe, functional and environmentally-friendly transportation for employees and students.



Goals:

- Support the goals outlined in the 2013 Champlain College Transportation Plan
- Have covered bike parking at least one central campus location by 2013.
- Create a bike commuter resource guide by 2013.
- Have 25% of employees register with CATMA by 2014.
- Set up a rideshare program for students by 2014.
- Install a bike share system by 2018.
- Have at least 100 memberships (Faculty/Staff/Students) with CarShare VT by 2015.
- Attain a Bicycle-friendly University designation by 2015 (American League of Bicyclists).

Progress:

- New position- Sustainable Transportation Coordinator started in November 2014
 - Won Vermont Walk/Bike Professional of the Year, 2016
- [ChampShop](#)—Juniper Hall's Bicycle Mechanic Workshop opened in Spring 2015
- Developed Champlain College [Transportation Google Map](#).
- [Overhauled Transportation website](#)
 - [includes bicycle commuter resources](#)
- [Active Transportation Plan](#) approved, Fall 2015
- [ChampRides](#) – campus bikeshare program started in Spring 2015
- Earned Silver Designation from American League of Bicyclists in Fall 2015
- Offer shuttle to Amtrak Station at Thanksgiving & end of year, 2016-2017
- Region-wide [GreenRide Bikeshare program](#) launched, with Champlain as a key partner, April 2018



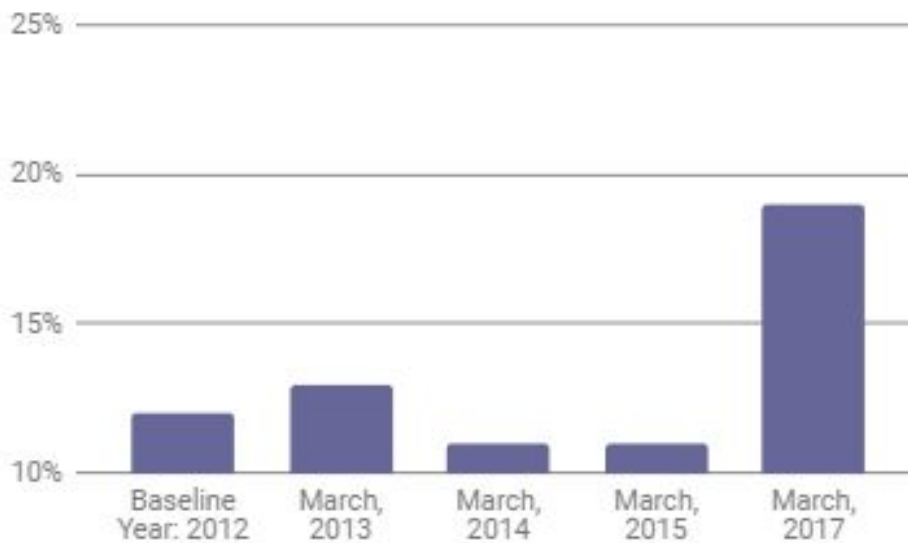
President Laackman and other staff members heading down to the GreenRides launch party (photo by Stephen Mease)

Metrics:

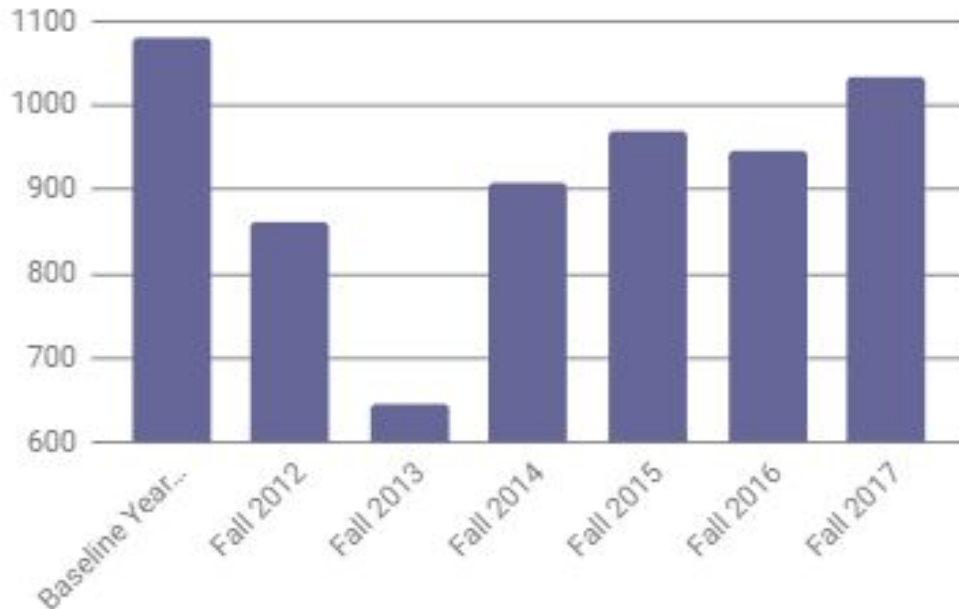
Average Commuting Distance of Faculty, Staff, and Students by Single Occupancy Vehicle



CATMA program participation (percentage of employees)



of Parking Permits sold



Next Steps:

- Continue discussions with CATMA about increasing membership & participation in various programs

Waste

Vision: Champlain College will be a zero-waste institution by making effective use and reuse of our resources and through encouraging our community to take the time to learn what goes where, and then sort it out.



Goals:

- 100% of campus printers will have double sided printing as the default setting by 2013.
- Install one electronic waste bin in each residence hall by 2013.
- Create an "Amnesty Day" for all students moving out of the res halls to return dining ware to the Dining Hall by 2013.
- Eliminate 100% of bottled water on campus by 2014.
- Implement a waste reduction education/training program for catering staff by 2014.
- Reduce the amount of paper used for orientation by using a "green thumb" USB drive or website by 2014.
- When printing is required, encourage new formatting standards by 2014. Encourage use of dropbox/electronic documents otherwise.
 - o 1" margins for all papers
 - o 1.5 paragraph spacing instead of double spacing
 - o 1-side clean scrap paper for drafts that are turned in

- o Double sided printing
- Implement a cap on free printing for students by 2015.
- Install water refill stations in each residential hall by 2017.
- Replace all office trash bins with small trash containers that do not require a liner by 2018.
- Encourage departments to continue to move toward electronic forms (purchase orders, travel reimbursements, etc.) by 2020

Progress:

- Student Accounts went paperless in 2013
- Started paper towel compost trial in fall 2013 in IDX bathrooms; Expanded to rest of IDX & Joyce in June 2015
- Collection bins in labs/library put out in fall 2013, need to check annually; paper is made into notebooks
- Electronic waste bins purchased by Physical Plant, installed by Eco-Reps in Fall 2013 Semester
- Plain bottled water restriction as of March 2014; Educational campaign included signage, [webpage](#), and tabling
- Double sided printing as the default setting coincides with IS project around shared multifunction devices (MFP). Helpdesk supports this and says they will have technicians do this (but need to ensure this, somehow). MFP project is slowly progressing; [email update sent out to campus](#) on March 2015.
- Included dining ware return in annual Move Out Collection + [created posters for Campus Compass and Facebook](#) at the end of Fall Semester
- Fully developed Waste Bin & Signage Program + Communication [plan](#) & [current inventory](#) and requested funding from Physical Plant for FY16
- K-Cup recycling in Rowell Annex, Lakeside and Perry Hall
- Continue adding to [current inventory of water Refill stations](#)
- Created waste sample bubbles in CCM waste stations in Eats and near Campus Store (2016)
- Opened [Swap Shop](#) in Skiff Hall- Spring 2017; expanded to include small food shelf, Fall 2017
- Added additional compost bin (purchased by Green Revolving Fund) for the Champlain Room, for event use, 2018
- Annual activities:
 - o New employee orientation session on sustainability each month
 - o Recycling Assistance during Move-In
 - o Had Green Teams at major campus events including Orientation, Family Weekend, Inauguration, and Admissions Open Houses & Visit Days.
 - o Trash Bash waste sort (fall)
 - o Annual Move-Out Collection in the spring for residence halls, (co-hosted by Res Life). Casella & ReSource as key partners
 - o Off-campus Spring Move Out Project, hosted by City of Burlington, CSWD, UVM, Champlain, ReSource, in May (on Loomis Street and Buell Street in downtown Burlington) – with several Champlain student & staff volunteers

Two truck loads each

Clothing donated to Goodwill and Household items
ReSource

555 Pounds

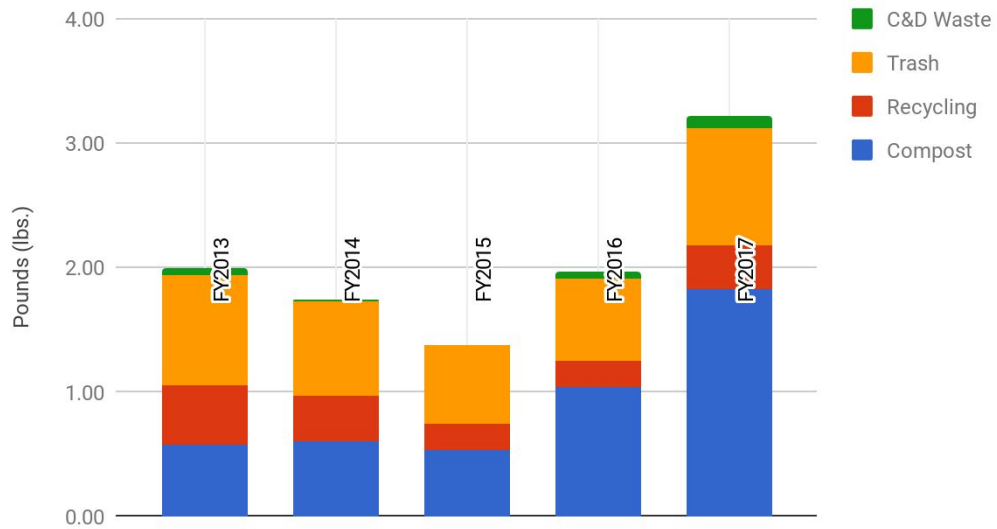
Food & soap donated to the Chittenden Emergency
Food Shelf

Also...

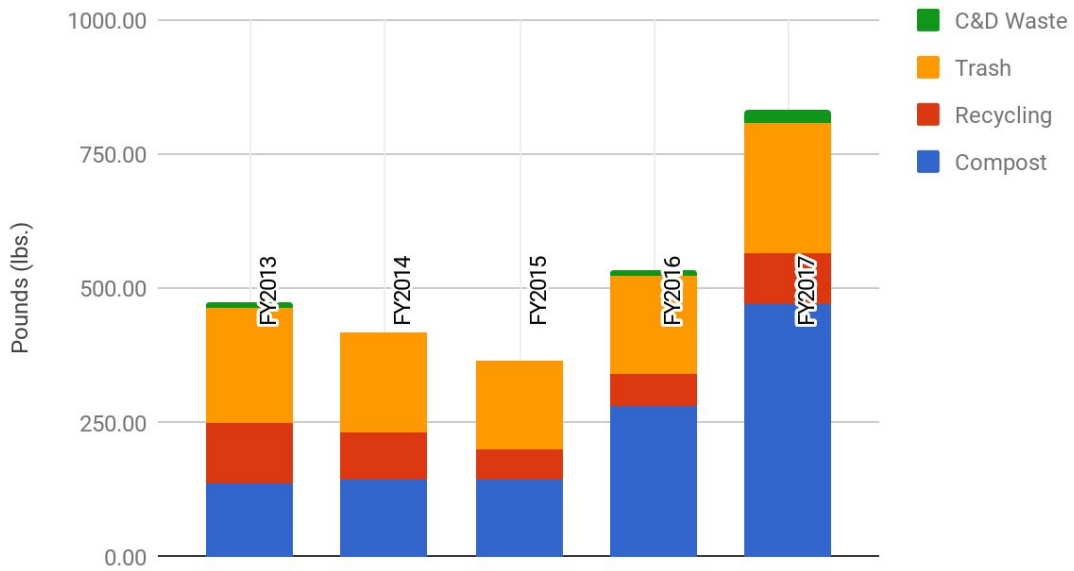
Books collected for Better World Books and for
Champlain College Swap Shop & students in need

Metrics:

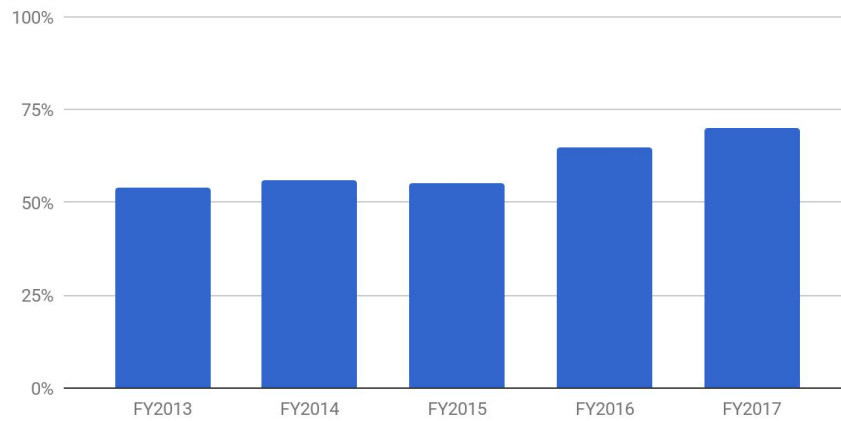
Waste per GSF



Waste per Capita



Champlain College Diversion Rate (diverting materials from the landfill)



What's Next:

- Continue to watch for additional opportunities



Eco-Rep Maggie, assisting a visitor at a waste station



Move Out Collection Crew

Water

Vision: Champlain College will utilize efficient technologies to lower our water consumption rate. The campus will rely on innovative stormwater management techniques to reduce the amount of stormwater runoff that could potentially cause harm to Lake Champlain.



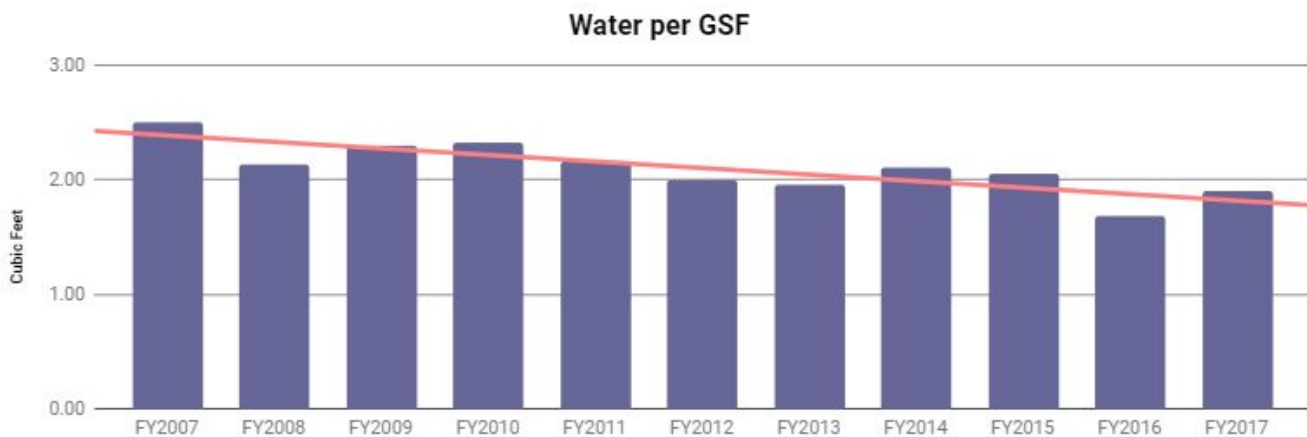
Goals:

- Decrease our total water consumption per capita by 10% compared to a 2005 baseline by 2015.
- Continue to work on action steps within the [Stormwater Master Plan](#) and produce an update on progress by 2015.
- Explore certifying the campus "[Blue](#)", a watershed friendly designation, by 2016.
- Install timers in the showers of every residence hall bathrooms by 2017.

Progress:

- 2014 Env. Policy Senior Capstone Project explored identified some projects (Nick Pepper)
- Robin Collins and students [submitted stormwater project to EPA Rainworks Challenge](#) (December 2015)
- [Interdisciplinary Service Learning projects](#) related to stormwater, with support of Maine Campus Compact/Davis Foundation grant (Spring 2016). BLUE® as community partner.
- Perry Hall achieves the first non-residential [BLUE certification](#), June 2018

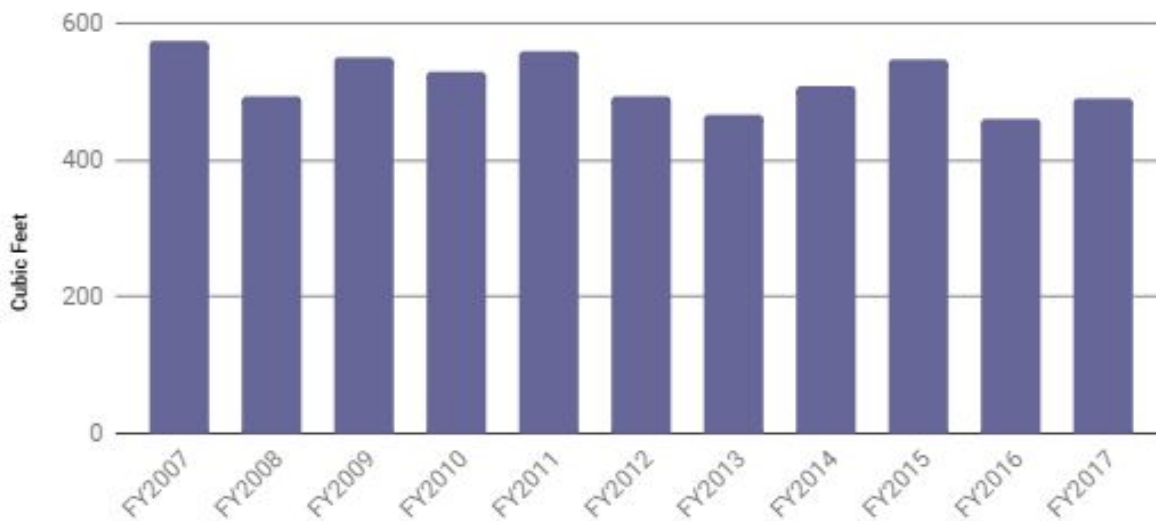
Metrics:



-24.27%

Decrease in water consumption per
gross square foot (FY2007-FY2017)

Water Per Capita



-14.53%

Decrease in water consumption per capita (FY2007-FY2017)

What's Next:

- Continue earning BLUE certification for more buildings

Champlain Staff and Faculty receiving certificate and marker from Juliana Dixon and James Ehlers of the BLUE Program / Lake Champlain International.



Purchasing

Vision: To support a sustainable economy and to set an example for other institutions and communities, Champlain College will purchase the majority of its goods and services from socially responsible companies that respect the environment.



Goals:

- Continue with "Heart Healthy Printing" campaign, replacing personal printers with shared multi-function printers.
- Upgrade requirements regarding vending machines (energy efficiency, etc.) by 2013.
- Establish Building Product requirements by 2013, including: Lighting fixtures; Low flow plumbing fixtures; Recycled content materials
- Compile a list of preferred local vendors (especially for t-shirts and printing) by 2014.
- Include environmentally-preferred language into current and future purchasing contracts by 2014.
- Remove the sale and use of bottled water by 2014.
- Explore reusable K-Cup options for Keurig Stations by 2015.
- Explore earning a [Fair Trade Campus](#) designation by 2016.
- Adopt a vendor code of conduct that includes commitment to social and environmental responsibility by 2018.

Progress:

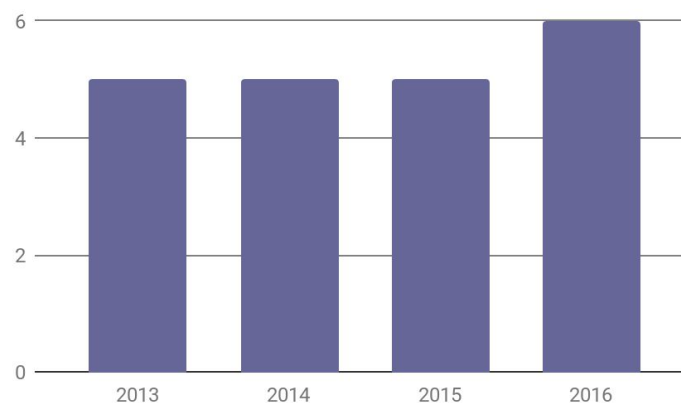
- All beverage vending machines were replaced in Summer 2013
- Started crafting [a list](#) of preferred local vendors
- Included environmentally-preferred language as part of College RFP system of 12/19/14 [See here.](#)
- Achieved Fair Trade Campus Designation in Spring 2014; Created [webpage](#) for project
- Working with Bookstore on suggestions for fair trade, recycled, etc. products
- Annual Activities & Events
 - [Fair Trade Month events](#) – October - Tabling and product displays, in conjunction with Sodexo
 - [Fair Trade Tabling](#) during Spring Meltdown



Zoe & Lily tabling about Fair Trade

Metric:

Contracts signed by the College that include environmental requirements (cumulative number)



Includes:

Casella Waste Contract - including recycling, composting

Coke beverage contract – energy efficient vending machines

Pepsi beverage contract – energy efficient vending machines

SecureShred – recycling of securely shredded documents

Good Point Recycling – e-waste recycling

Bay State Elevator - added Sustainability Value Statement -2016

What's Next:

- Develop general language regarding Building Product requirements, even though technology, etc. is constantly changing
- Continue working with Campus Store on suggestions for additional products

Grounds

Vision: Champlain College will have a beautiful and healthy campus that highlights native plantings and an urban tree canopy. Our campus will model best- practices by proving that aesthetics and sustainability are compatible.



Goals:

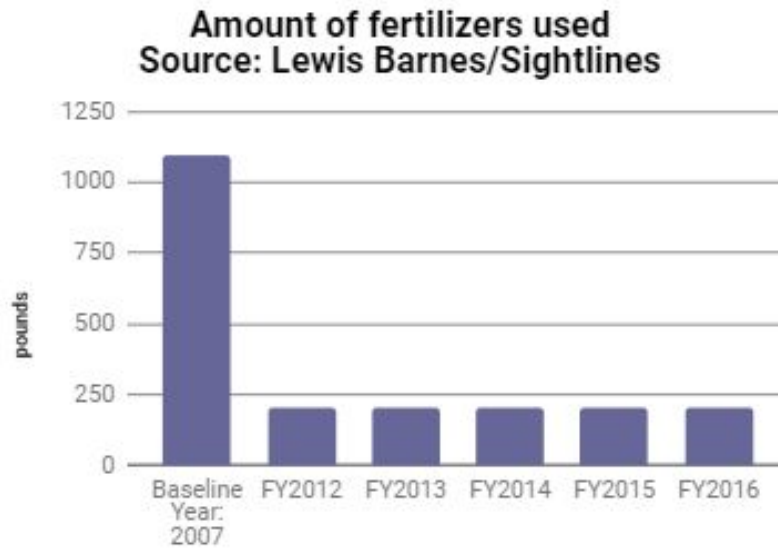
- Continue to work on action steps within the [Landscape Master Plan](#) and produce an update on progress by 2015.
- Complete campus tree inventory by 2015.
- Remove invasive species on campus by 2016.
- Earn designation by [Tree Campus USA](#) by 2017.
- Explore the possibility of designating the campus as an arboretum by 2020.

Progress:

- Foundations of Ecology Class started tree inventory in Fall 2013; Class completed in fall 2014. [See report here.](#)
- Invasive species removal in progress, aligned with building renovations (Joyce – Summer 2014)
- Robin Collins & Student team submitted proposal for the EPA Rainworks Challenge (December 2015)
 - [Project Narrative](#)
 - [Design 1](#)
 - [Design 2](#)
- [Campus Assessment related to Stormwater](#) by Robin Collins & Environmental Earth Sciences Class (2016)
- Perry constructed wetland became a [Wild for Pollinators](#) area (December 2016)



Metric:



What's Next:

- Conduct soil tests to see how much fertilizer is actually needed on the lawns
- Outline plan for [Tree Campus USA](#) designation



ACADEMICS

The mission of Champlain College is to be a leader in educating today's students to become skilled practitioners, effective professionals and engaged global citizens. Although the carbon impact of Champlain College's academic areas are not easily measurable, they have a significant qualitative impact on the overall practices of our institution. Champlain College believes that the infusion of sustainability concepts into our curriculum will prepare our students to address future challenges surrounding climate change and social justice in any future career or workplace.

Curriculum

Vision: Champlain College will be comprised of faculty who actively participate in ways to enhance student's understanding of sustainability and who strive to infuse sustainability concepts throughout course material. Students will gain an understanding of how sustainability relates to their area of study by having the opportunity to take a variety of sustainability focused and sustainability related courses.



Goals:

- Conduct a survey to learn what courses currently have a sustainability focus or component by 2014. Conduct a follow-up survey in 2018.
- Explore adding “and the environment” to the ethical reasoning college competency by 2014.
- Continue to build sustainability-related internship opportunities for students by 2015.
- Explore creating relationship with Dublin campus regarding sustainability practices in the Center and within academic and extracurricular offerings by 2015.
- Assemble a faculty fellows program, consisting of at least 6 faculty members from different disciplines, by 2015.
- Explore the idea of conducting a regular sustainability literacy assessment of Champlain College students by 2018.

Progress:

- Survey conducted in Nov. 2014. Of those who responded: 14 Faculty teaching sustainability focused classes and 20 Faculty teaching classes with some sustainability content.
- New competencies [shown here](#), with language that addresses ethics and socially responsible behavior, understanding natural work, complex topics, global & cultural understanding, etc.
- Conducted review of internship/job database and sent recommendations for improvement to Career Services in March 2014
- Conducted review of programs and sent recommendations for improvement to International Education Office in March 2014
- One faculty member participated in 2013-2014 UVM Faculty Fellows Program; 3 more faculty in 2014-2015; 0 in 2015-2016; 2 in 2016-2017; 2 in 2017-2018
- ITS Faculty Member Robin Collins hosted service learning workshop for faculty, April 2015
- Attained [Campus Compact grant](#) to support environmental service learning in April 2015 – 3 faculty attended training in November 2015.
- Began “[Profiles in Sustainability](#)” [blog series](#) in conjunction with Champlain College Publishing Initiative – December 2015
- Environmental Policy & Globalization class's efforts around Champlain becoming a Conflict Free Minerals Campus
- New programs in the Stiller School of Business include:
 - [Pre-College Summer Program in Entrepreneurship for Good](#)
 - [New Entrepreneurship Minor Fall 2017](#) with a focus on social entrepreneurship
- The Center for Service & Sustainability - an academic service learning office opens (Fall 2016)
- Champlain Team highlighted in [Campuses for Environmental Stewardship: An Emerging Model for Interdisciplinary Service-Learning](#). Best Practices Manual, Maine Campus Compact, February 2017
- Annual Career Panel for environmental jobs, hosted by Environmental Policy Program (2012-present)
- Inaugural year of the Service-Learning Faculty Fellows program, Spring semester 2018
- Service Learning Examples in 2017-2018



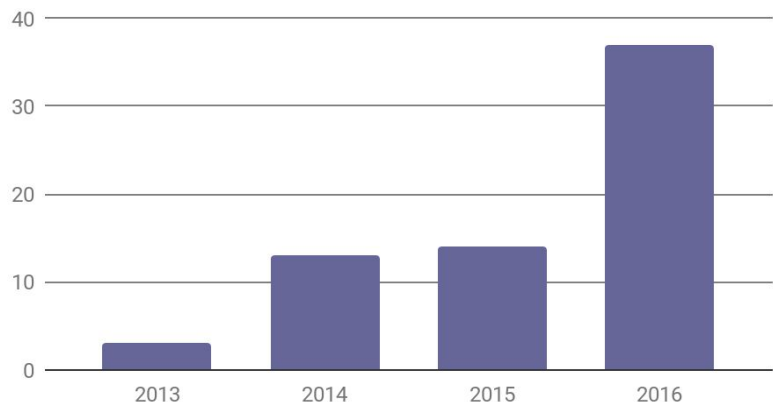
*Members of the first
Service-Learning Faculty
Fellows Program, Spring 2018*

- o **Duane Dunston, SEC 440: -Systems Security:** One group of students developed some cyber security course content for the [National Cyber Watch organization](#). The courseware will be used by middle to college-level students to learn how to build secure computer systems. This class has been project-based for the past 5 years Duane has taught it, but this year he included the service-learning aspect so what they create is contributed to the community. For his efforts, Duane won the first annual Service-Learning Faculty Award at May Faculty Collaborative.
- o **Valerie Esposito, ENP 300: Place-based Environmental Study:** A semester long project included conducting a campaign to have President Laackman sign on the [Higher Education Carbon Pricing Endorsement Initiative](#), which occurred in April 2018. Students worked together with [Energy Independent Vermont](#) and a national organization, [Our Climate](#). This is an excellent example of students drafting, revising, and lobbying for an endorsement, which allows them to see and feel the steps and process needed in policy creation. This serves the greater good for climate awareness as well as mission support for the College.
- o **Robin Collins, SCI 310: Advanced Environmental Earth Science:** In partnership with [Vermont Urban & Community Forestry](#), students surveyed campus trees and entered them in a model to determine ecosystem services, such as energy savings for buildings and carbon sequestrations using the [iTree Program](#). This survey will also aid our Grounds team of Physical Plant, as the [students' final report](#) has an inventory of tree species, health and age of the trees. In the future, this information can be used if we want to explore being part of [Tree Campus USA](#).
- o **Nancy Kerr, COM 400: Public Relations Campaign Development:** Students created a full blown public relations campaign, including original research, goals, objectives, strategies, tactics, written collateral and measurement techniques for the [Community Sailing Center](#) and [Shelburne Museum](#). Public relations and communications is a very desired skill set by community partners and one where Champlain students excel. Each year, new community partners are selected for this course.

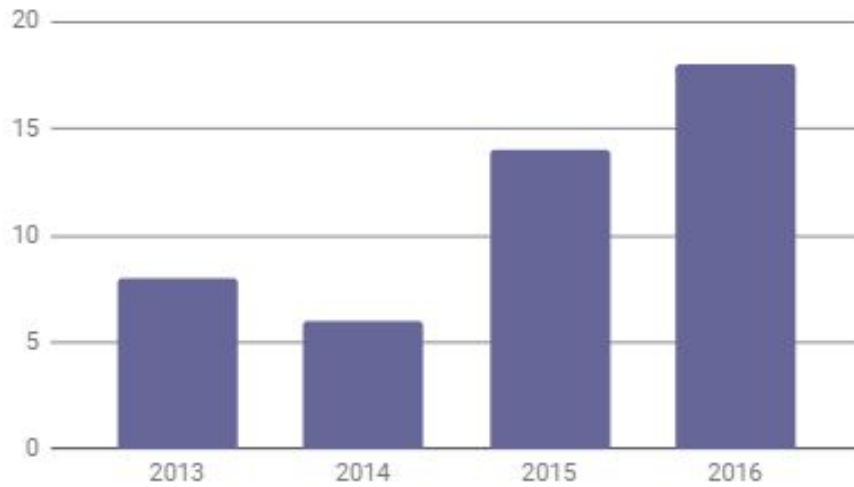
Metrics:

For a current list see the [Sustainability in the Classroom web page](#).

Sustainability Focused Courses, where sustainability is the primary theme (cumulative count)



Sustainability Related Courses, where sustainability concepts are included but may not be the primary theme (cumulative count)



What's Next:

- Create faculty learning community / fellows program to annually rotate between service-learning and sustainability (SL in 2019; Sustainability in 2020)



Dr. Robin Collins, Assistant Professor, ITS, explaining how her service-learning project in her Environmental Earth Science contributed to Champlain's achieving a BLUE Certification for Perry Hall.



CULTURE

Champlain College provides a distinctive education to benefit students intellectually, professionally and personally. Our supportive, active and inclusive environment encourages students to participate in co-curricular programs and to strengthen their ties to the Champlain and greater Burlington community.

Co-Curricular Education

Vision: Champlain College will be comprised of a student body that is actively engaged in sustainability related initiatives. Our campus culture will promote sustainable behavior through individuals who are passionate about reducing their impact on the natural world, valuing diversity and supporting their local economy.



Goals:

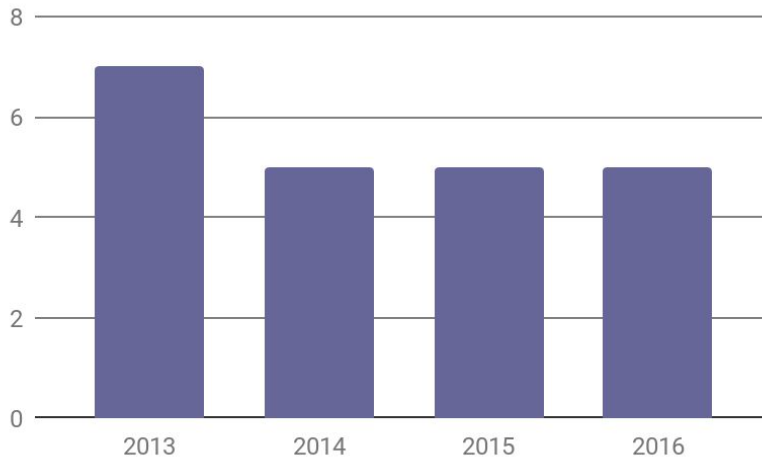
- Develop a training session for student leaders including Student Activity Planners (SAPs) and Student Government Association leaders by 2013.
- Increase viewership of various online outreach methods to reach approximately 25% of our campus population by Spring 2014.
- Designate one Employee Eco-Rep per division/department to encourage sustainable behavior among faculty and staff by 2015.

Progress:

- [Facebook](#) likes as of June 11, 2018 = 778 (compared to 190 in April 2013); [blog](#) - receive monthly Google analytics; Sustain Champlain has an occasional mentions in the weekly Champlain Explorer; blog is found on several right hand column sidebars of Champlain.edu webpages;
- [Community Garden](#) at Champlain College (2011-present)
- Eco-Reps Program (2011-present)
 - Hosted satellite site for [Student Sustainability Leadership Symposium](#), November 2017
 - 2017-2018 [Program Evaluation Report](#)
- [Green Workplace Certification Program](#), started Spring 2016

Metric:

of campus programs that integrate environmental sustainability topics and issues (cumulative count)



Includes:

Eco-Reps

New Student Orientation

New Employee Orientation

Center for Service & Sustainability

Community Garden

New Faculty Orientation

What's Next:

- Deepen relationship with student Eco-Reps to other programming efforts on campus



Champlain College students attending the Rally for the Planet at the Statehouse, April 2018

Diversity

Vision: Champlain College will increase in diversity through deliberate, thoughtful recruitment of students and employees to foster a highly inclusive community.



Goals:

- Intentionally incorporate diversity and inclusion goals within sustainability initiatives, whenever feasible and appropriate.

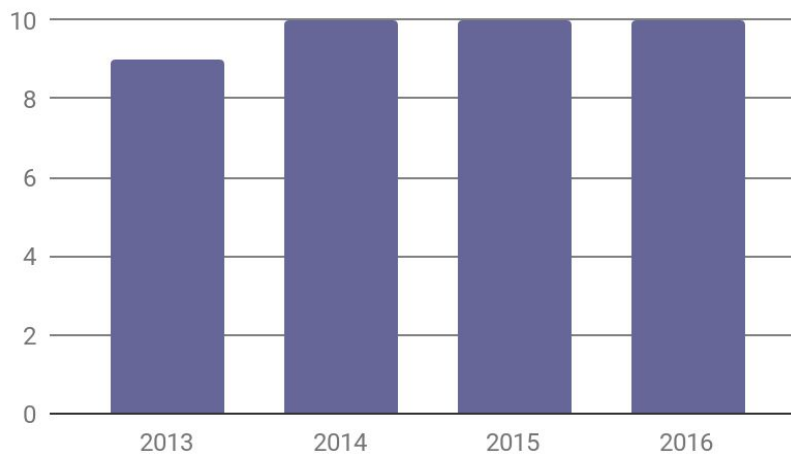
Progress:

- In celebration of Black History Month, Center for Service & Sustainability Facebook highlighted the work of prominent black environmentalists (February 2016, 2017, 2018)
- Use the [UN's 17 Sustainable Development goals](#) as a framework for how D&I fits within sustainability



Metric: Also see the [Diversity Scorecard](#).

**# of support programs for underrepresented groups
(cumulative count)**



10 including:

[Single Parents Program](#)

[Veteran Services Office](#)

[Office of Diversity & Inclusion](#)

[Imagine College](#)

[English Language Learners](#)

[Affinity Groups: LGBTQ, Jewish](#)

[Include LGBTQA](#)

[Cultural Community Alliance](#)

[C.A.R.E. Program](#)

[DREAM](#)

What's Next:

- Continue collaboration discussions with ODI and Student Life

Community Engagement

Vision: Champlain College students will have the opportunity to interact with a plethora of community partners that support and contribute to the overall sustainability of the institution and our broader community.



Goals: Support LEAD and Center for Service departmental goals

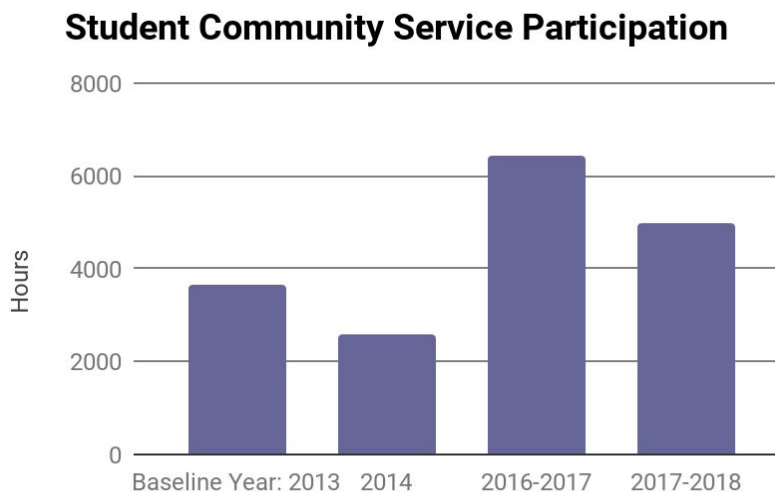
Progress:

- [LEAD Event related to Fair Trade](#) (February 2016)
- Service Learning Workshop held during May Collaborative (May 2016)
- Center for Service & Sustainability founded in Fall 2016, merging the former Center for Service & Civic Engagement with the Sustainability Office
- Created [tracking system](#) for community service / service-learning
- Developed the 2017 Civic Action Plan, as a signatory of [Campus Compact's 30th Anniversary Statement](#)
- Hosted Intro to Service Learning workshop during Faculty Collaborative, May 2017
- Hosted Service-Learning Faculty Fellows Program, Spring 2018
- Hosted Community Partner / Faculty networking event, May 2017, 2018



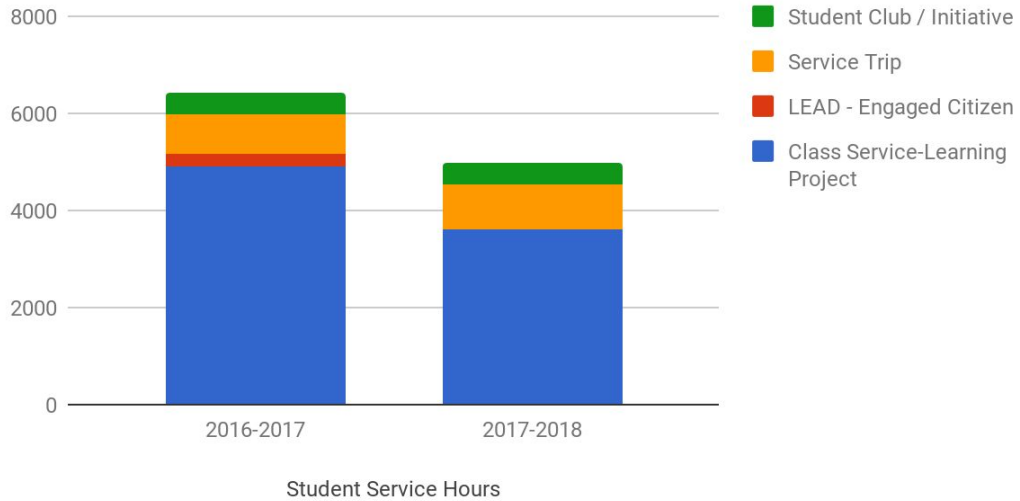
Student initiated gleaning with the Intervale Center at Jericho Settler's Farm

Metric:

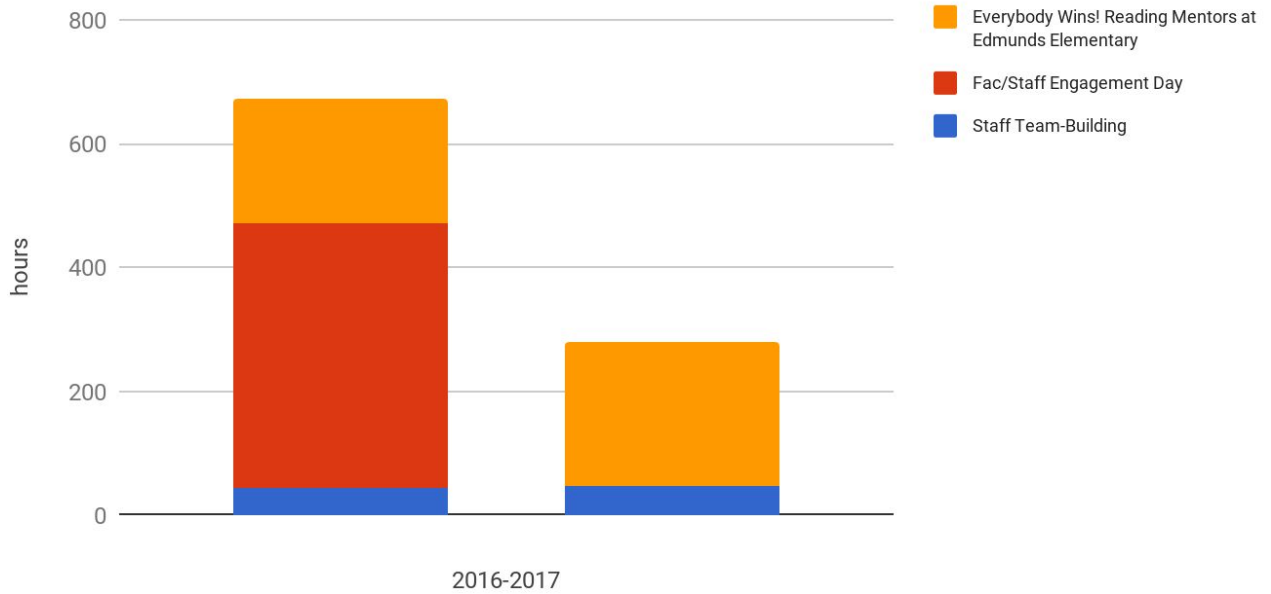


Notes: 2013 & 2014 only included LEAD events, other CSCE service opps + Service Trips; 2016-2017 includes LEAD events, Service Trips, Student Club service, and Service Learning opps as reported by Faculty; 2017-2018 includes Service Trips, Student Club service, and Service Learning opps as reported by Faculty. These figures represent only what is collected via the [Community Service/Service Learning by Champlain College form](#) that is sent out to all faculty at the end of the semester, and continually to other groups (students & staff) that are known to do service.

Student Service Hours, as reported by Faculty, Staff, and Students via a semesterly call for reporting by the CS&S



Community Service Hours by Champlain Faculty and Staff (reported, during work time)



What's Next:

- Support the 2017 Civic Action Plan goals