

2022 Sustainability Committee Report

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Committee Structure & Responsibility

The Sustainability Committee is responsible for improving the environmental and social components of Mosaic Ecology's operations. The Committee consists of 3-4 Mosaic employees that meet quarterly to discuss current projects, prospective projects, areas of success, and areas in need of improvement. We hope to reduce any negative environmental impacts from our daily operations, while identifying ways to improve our local and regional community.

2022 Accomplishments

- **Prioritized local businesses**, with preference for those in the Portland Metro area.
 - For our laundry service, we've partnered with [Alpine 24 Hour Laundromat](#) in the Piedmont neighborhood. This locally owned business has provided 24 hour laundry service for decades to the neighborhood.
 - Continued relationship with [Pioneer Wiping Cloth Company](#) in place of a regional service. Pioneer is a local Portland business that has been operating in Portland since 1931.
 - Purchased coffee for work parties, crew appreciation days, and other functions from [Bison Coffeehouse](#) in the Cully neighborhood. This native-owned and family run coffee shop has been in the neighborhood since 2014.
 - Purchased meals for two company wide events from [Teote](#), a local restaurant.
 - Continued our partnership with [Willy Make It](#) for on-site portable toilet services.
 - Purchase supplies from [Parkrose Hardware](#).
 - Purchase and repair power tools at [Stark Street Lawn and Garden](#)
 - Maintain and repair our fleet of eight trucks at [Gary's Automotive](#)
- **Increased our hours volunteering with Portland Homeless Family Solutions (now PathHome).** Since 2019 Mosaic has donated over 300 hours of Project Management and Labor hours to [Path Home](#). In 2022 we volunteered a total of 82 hours with Path Home. That's an increase of 29% over last year's total hours volunteered.
- **Diverted nearly 375 pounds of waste from local landfills.** By filling twelve large "all waste" boxes in 2022 from [Terracycle](#), we are able to recycle items that aren't locally accepted for recycling.
- **Recycled nearly 3,000 lbs. of waste metal from our Portland shop construction.** We went through and hauled scrap metal to Metro Metals on Columbia Blvd This metal was otherwise destined for the landfill.
- **Logged over 650 hours of electric chainsaw and brushcutter usage.** By tracking how long we used electric tools instead of conventional 2-cycle tools in our timesheet entries, we racked up 666.75 hours of electric tool usage in place of gas powered equipment.
- **Purchased Carbon Offsets** for our building operations, fleet vehicle transportation, small engine emissions, and our employee's daily commutes to our carpool locations.



Through our ongoing partnership with [Terrapass](#) this will be the fifth year we've offset unavoidable emissions. In 2022 we offset the equivalent of 95 mT of CO₂e.

- **Exclusive use of a more environmentally friendly bar oil.** At Mosaic we use Stihl BioPlus chain and bar oil for our chainsaws. This product is 93.8% biodegradable in 21 days.
- **Reduced single use plastic by buying 2-cycle oil and diesel exhaust fluid in bulk.** In 2022, we changed our procedures by purchasing gallon jugs of 2-cycle oil and refilling 5 gallon containers at diesel exhaust pumps instead of purchasing packaged products.
- **Completed 2 zero waste company events in 2022.** For each function, we encouraged employees to bring their own utensils, brought company provided extras, and distributed left-over food to employees in provided tupperware.
- **New Office** - Furnished our new office with 9 desks made by [Fully](#), a Portland based B-Corp specializing in sustainable office furniture. Purchased all energy star appliances for our office space. Reused and repurposed old building supplies and materials for furnishing and organizing our new shop space.
- **Sustainable Development:** Built a new office space that meets and exceeds efficiency standards for water consumption, energy efficiency, and stormwater management while prioritizing natural light and connection to nature. Installed entirely native, and largely drought tolerant landscaping on over 0.6 acres of our property along the Columbia Slough. Laid the groundwork for a future EV charging station in our parking lot.
- **Renewable Power:** Enrolled in Blue Skies program with PGE and equivalent program for Pacificorps to use primarily renewable energy. Enrolled in a carbon offset program to offset carbon incurred from Natural Gas used in our east side shop heaters.

2023 Goals

- **Complete the B-Corp impact assessment.** By the end of the calendar year, we will have a team in place to work through the process of completing the impact assessment and creating the necessary verification documents.
- **Complete waste stream training of all company employees.** From office waste, to shop waste, we'll train all employees where things go and why.
- **Increase our partnerships with local and small businesses.** We will continue to identify parts of our supply chain that rely on multinational corporations, such as Amazon for daily supplies, and find local suppliers with a smaller carbon footprint.
- **Continue PHFS partnership.** In 2023, we plan to increase our volunteer hours with PHFS by 20%
- **Create office stewardship policy:** By the end of the calendar year, we will have set systems for ordering green cleaning products, office supplies, and breakroom supplies at both of our locations. We will prioritize local businesses.
- **Increase our usage of electric chainsaws.** In 2023 we will improve our tracking of electric chainsaw usage and increase our logged usage by 20%.
- **Improve energy usage tracking and offsetting.** In 2023 we will improve our tracking of our site energy usage and employee average daily commutes.