



VGBN | VERMONT
GREEN BUILDING
NETWORK

Vermont Green Building Network

2020 ANNUAL REPORT

Founded in 2002, the non-profit Vermont Green Building Network (VGBN) works to advance the environmental, economic, community, and health benefits of green design, construction, and building operation practices. Our vision is to work towards ensuring all Vermonters have green healthy spaces to live, work and play.

Update from VGBN's Executive Director

VGBN is grateful to have a robust network of green building professionals and enthusiasts in Vermont, and we look forward to a growthful 2021. Despite the pandemic, VGBN enjoyed an active, successful 2020. Here are some highlights from the year:

- VGBN developed and launched a **new website**.
- VGBN continued to lead the **Burlington 2030 District**, a private-public partnership working to reduce building energy consumption, water use and transportation emissions 50% by 2030. VGBN is delighted to be supporting and managing this important initiative that works to support the City of Burlington's Net Zero Energy vision.
- VGBN helped to organize and coordinate **five educational events and building tours**, and organized/co-sponsored **six Burlington 2030 District-related events**. Over 615 green building professionals and members of the public collectively attended VGBN and Burlington 2030 District events in 2020.
- VGBN recognized two projects and design/build teams via the 2019 **Vermont's Greenest Building Awards Competition**.

We are deeply committed to VGBN's mission and we are looking forward to hosting more educational events in 2021 and growing the Burlington 2030 District. We're thankful to all of our partners and members for your continued support!

A special thank you to VGBN's Green Champion Partners:



EDUCATION, NETWORKING & TOURS



VGBN hosted a building tour of the Pierson Library with ASHRAE Champlain Valley Chapter in January 2020

VGBN hosted several well-attended, successful educational events and building tours in 2020.

In January, VGBN co-hosted the **Pierson Library Tour and Dinner** event with ASHRAE Champlain Valley Chapter, which brought over 55 people together to tour the new Shelburne library and dine together nearby at the Bearded Frog. The building tour was co-led by Vermont Integrated Architecture and LN Consulting.

In July, VGBN hosted an educational webinar event called **Vermont Water Resiliency in a Changing Climate: Planning + Design Considerations**. The event featured three inspiring speakers who discussed water as it relates specifically to buildings and construction. Topics covered included addressing stormwater issues, reducing water demand within buildings and the state of water in Vermont. Leaders from the VT Agency of Natural Resources, BLUE Stormwater program and VEIC presented.

In the fall, VGBN hosted a series of three webinars. In September, VGBN hosted an event called **Vermont's Greenest Building Awards and Regenerative Design**, featuring a talk on regenerative design. In November, VGBN hosted an event called **Local Wood, Local Good: What Vermont Offers and Where to Find It**. The Vermont Department of Forests, Parks and Recreation presented on how wood impacts the Vermont economy and forests, including the challenges ahead for our state's small sawmills. In December, VGBN hosted the **Vermont's Greenest Homes Virtual Tour**. During this webinar, attendees virtually toured an 1880s farmhouse deep energy retrofit project and a new Passive House construction project. Members from each design/build team led the tours, with a live Q+A following each home tour.



713 FOLLOWERS

Sharing VGBN,
VT and national green
building news + events!

VGBN is committed to connecting mission aligned builders, architects, and community members through building tours, networking, and educational events.

VT Green Building Network
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For more information, please visit
www.VTGreenBuildingNetwork.org



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VERMONT'S GREENEST BUILDING AWARDS



2019 Vermont's Greenest Building Award [Residential] and Net Zero Award | Terwilliger Kincaid Residence

Vermont Green Building Network recognized two projects and design/build teams at the Vermont's Greenest Building Awards + Regenerative Design webinar hosted virtually in September. The projects received awards for achieving the highest standard of demonstrated building energy performance for commercial and residential buildings, and excelled in green building strategies - including water, health, transportation, and affordability.

The 2019 Vermont's Greenest Residential Building was awarded to the Terwilliger Kincaid Residence, submitted by Jean Terwilliger of Vermont Integrated Architecture. Sited on an 8-acre lot with amazing green mountain views, the house takes advantage of the views and changing sun path over the course of the year, while preserving open space for habitat and trails. The house was designed for flexibility, with a large first floor shared office and accessible bathroom that will allow for single level living as needed. With slab on grade construction, generous storage was important, including a "bike room" separating house and garage. The open main living space is set towards the view, with the two-story private wing set back providing a private outdoor space and also a covered entry protected

from the north wind. Heated with a single heat pump, the net zero house exceeds Efficiency Vermont's High Performance Home standard. Energy Use Intensity (EUI): 9.7 kBtu/sf/yr

A Vermont's Going Green Commercial building award was presented to Moretown Offices, submitted by Maclay Architects. Following a feasibility study by Maclay Architects, the town of Moretown decided to continue their efforts to replace offices flooded during tropical storm Irene and move from their temporary town offices. The new building is centrally located in the village, but above the 500-year flood plain. The design includes flood proofing measures to ensure the building's long-term resilience and durability. The new space provides fully accessible offices, a meeting space, and a new vault to store the town's historic and land records. The super-insulated building envelope and high performance mechanical systems were designed to minimize long-term energy costs to the town. The new building is all electric and net zero ready. Energy Use Intensity (EUI): 33 kBtu/sf/yr

FINANCIAL SUMMARY

Balance Sheet

As of December 31, 2020

NOTE: VGBN has one paid staff at approx. 0.45 FTE

ASSETS

Checking	\$14,296.63
Saving	\$7,293.24
Total Assets	\$21,589.87

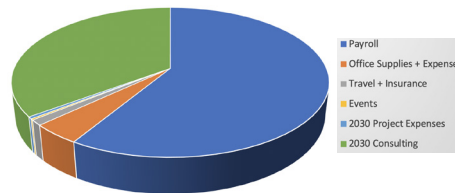
Net Income: \$717.57

* This does not include the PPP loan amount of \$6,787.50

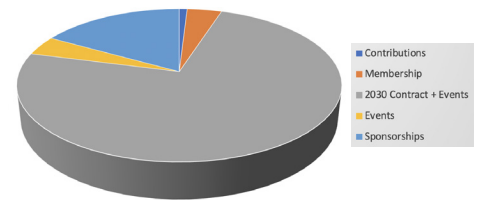
VGBN - 2020 Finances - Income and Expense Report

Summary Between 1/1/20 and 12/31/20

Expenses
\$79,979.02



Income
\$80,696.59



A special thank you to VGBN partners:

Burlington Electric Department, SpacePak Hydronics, Vermont Gas, ReArch Company, DuBois & King, Efficiency Vermont, Hallam-ICS, Maclay Architects, National Life Group, Redstone, Cx Associates, Pill-Maharam Architects, Stark Mountain, Green Living Journal and Vermont Passive House

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