



Vermont Green Building Network

VGBN VERMONT GREEN BUILDING NETWORK

2022 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. VGBN enjoyed an active, successful 2022. Here are some highlights from the year:

- Completed **VEIC Founders' Fund** grant project with Mik with Dignity Standards Council focused on indoor air quality and installation of induction range electric stoves in farmworker housing units to improve health and indoor air quality.
- Developed and published **Justice Commitments** with actions, demonstrating VGBN's longstanding commitment to addressing and integrating issues of diversity, equity, inclusion and justice into our work and the built environment.
- VGBN organized and hosted **seven educational events and building tours**, and organized/co-sponsored **three Burlington 2030 District-related events**. Over 450 green building professionals and members of the public attended VGBN and Burlington 2030 District events in 2022.
- VGBN recognized three projects and design/build teams via the **2021 Vermont's Greenest Building Awards Competition**.
- 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.

We are deeply committed to VGBN's mission and look forward to hosting more educational events in 2023 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 and the Burlington 2030 District hosted a tour of ECHO's solar parking area adjacent to Lake Champlain in September 2022.

VGBN hosted several well-attended, successful educational events and tours in 2022.

In April, VGBN hosted the annual **Vermont Green Building Celebration**, featuring a keynote presentation by Sue Minter. Minter's keynote address focused on applying lessons from community planning and disaster recovery to her work addressing poverty and advancing social and climate justice. The winners of the 2021 Vermont's Greenest Building Awards were also announced.

In March, VGBN hosted an educational webinar event focused on the **Vermont Climate Action Plan and the Built Environment**. The event focused on the process to develop the Plan and key recommendations with an emphasis on the buildings/thermal sector. In addition, VGBN hosted two additional webinar events during the spring 2022. In May, VGBN hosted an event called **Introducing BEAM: The Material Carbon Emission Calculator You've Been Waiting For**, featuring Jacob Deva Racusin with Builders for Climate Action. During this webinar event, the newly-released BEAM carbon emission calculator tool was introduced so professionals could learn how to turn their next project into a climate solution. In June, VGBN hosted an event called **Affordable Housing in Vermont and Pandemic Response** focused on how a significant portion of ARPA funds in Vermont were used to fund affordable housing projects. Case studies featured included the Rutland Area Bridge Housing project and the Whistlestop Mobile Home Park that houses three new Net Zero modular homes.

In the fall, VGBN hosted several additional events including:

- Tour of ECHO's solar parking area and stormwater system** led by Encore Renewable Energy and ECHO staff, followed by VGBN and Burlington 2030 District member and friends gathering at Foam Brewery
- Indoor Air Quality and Health in Vermont Homes** webinar event featuring VEIC's Laura Capps and Brian Just, and Milk with Dignity Standards Council's Marisa Houlahan
- Impacts of Building Electrification in Vermont** webinar event featuring Efficiency Vermont's Steve O'Malley and VEIC's Mary Jane Poynter



858 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



2021 Vermont's Greenest Building Award - Residential
Maple Hill Passive House

Vermont Green Building Network recognized three projects and design/build teams at the Vermont Green Building Celebration webinar hosted virtually in April. 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 2021 Vermont's Greenest Residential Building was awarded to the Maple Hill Passive House, submitted by Montpelier Construction. This PHIUS certified, 1200 square foot, one level home with continuous heat recovery and balanced ventilation resulting in extremely healthy indoor air quality. This project also received a Net Zero Award and has a small 6.46 KW roof mounted solar array that produces more energy than the building uses. The home also utilized low embodied carbon building materials. Energy Use Intensity (EUI): 9kBtu/sf/yr

The 2021 Vermont's Greener Residential Building was awarded to Slope House, submitted by Vermont Integrated Architecture. This modern home with stunning views of Mad River Glen, with a 15% south-facing slope offers perfect passive solar exposure. The home has two heat pumps - a single head on the main level and a mini-ducted one on the lower level - that both work to heat and cool the home, which is built to near passive house standards. Energy Use Intensity (EUI): 13 kBtu/sf/yr

Vermont's Going Green Residential building award was presented to Ames Hill Passive home, submitted by studioWEBSTER. This single-family home designed and built in Marlboro, VT for a family of five, is built to Passive House standards. The home features local materials including wood harvested on-site and tiles hand-made by the owners. The home utilizes an all-in-one Minotair for HVAC and has a hand-crafted, locally sourced Gryphon door insulated with sheep wool. Energy Use Intensity (EUI): 26 kBtu/sf/yr

FINANCIAL SUMMARY

Balance Sheet

As of December 31, 2022

NOTE: VGBN has one paid staff at approx. 0.40 FTE

ASSETS

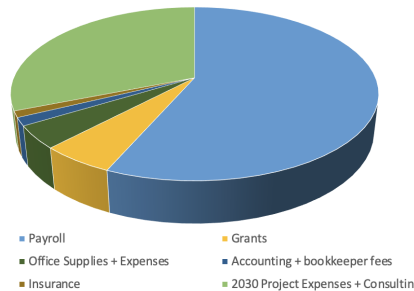
Checking	\$18,002.04
Saving	\$7,300.54
Total Assets	\$25,302.58

Net Income: \$1,440.08

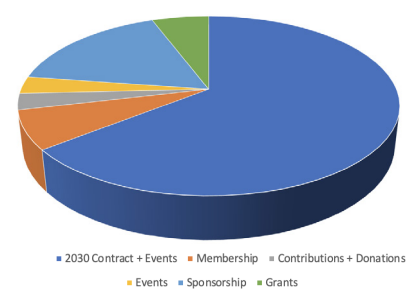
VGBN - 2022 Finances - Income and Expense Report

Summary Between 1/1/22 and 12/31/22

Expenses
\$77,770.45



Income
\$79,210.53



A special thank you to VGBN partners:

Burlington Electric Department, SpacePak Hydronics, Vermont Gas, ReArch Company, DuBois & King, Efficiency Vermont, Hallam-ICS, Maclay Architects, PC Construction, ART Architects, Redstone, Cx Associates, Pili-Maharam Architects, SIGA, VBSR, VT Passive House, and Marvin Design Gallery by Windows & Doors by Brownell

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