

Quarterly Newsletter

Second Quarter 2023 | Built Green Canada



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Built Green Canada Declares Green Building Day – with a Call for Municipality Support

Meanwhile Midtown Community's Phase 1 receives certification

Annually, in conjunction with National Environment Week, Built Green Canada encourages municipalities to recognize the first Wednesday of June Green Building Day. The intention is to raise awareness and support for sustainable building practices—recognizing industry leaders already doing so and encouraging others who aren't that far along in their journey towards climate mitigation.



Built Green celebrates those building more sustainably and enables municipalities to recognize those building beyond code requirements. For municipalities committed to encouraging more sustainable communities, this is an opportunity to recognize leaders and create greater alignment with industry and government—locally and beyond.

There are many ways municipalities can show their support: proclaim Green Building Day through their website and socials using hashtag #GreenBuildingDay; in their speaking notes, whether doing formal presentations or in day-to-day meetings; sending emails to colleagues; adding to their municipality's National Environment Week programming; shining a light on those in their community building beyond code requirements, and if this is unknown, taking a few moments to find out.

66 Whether you're a municipality or builder, working in a community that has adopted 9.36 of building code, Energy Step Code, Energy Tier Code, or another, through the Energy & Envelope section of our programs, we can help ensure compliance—then go beyond to include other key aspects of sustainability. It is here, in this culmination of critical areas, that builders find that important differentiator, and where we can assist municipalities in their climate mitigation goals.

- Chief Executive Officer, Jenifer Christenson, Built Green Canada

Days before National Environment Week, Phase I of Averton's Midtown community achieved BUILT GREEN® Community certification. Averton was the first developer to enrol in our Communities pilot and Midtown is the second to receive this certification. Read more.



Part of Midtown's Community, St. Albert, AB

Sunset Homes Seniors Rental Apartments: Affordable Rentals in Powell River!

Since 2008, Agius Builders Ltd. has completed nearly 90 BUILT GREEN® certified projects—their latest in partnership with Powell River Sunset Homes Society to provide 34 affordable apartment units optimized for seniors. A High Density project certified at Gold level, it achieved 39 per cent better energy efficiency and 39 per cent GHG emissions reduction from National Energy Code baseline!

Green features include:

- · ductless air-source heat pumps for heating & cooling;
- · ERVs for healthy indoor air quality with energy recovery;
- · photovoltaic solar panels—on-site energy generation: 9000W;
- on-site recycling & waste collection:
- · bicycle, e-bike, mobility scooter storage lock-up / charging;
- · electric vehicle charging stations;
- · low-to-no-VOC paints, finishes, flooring;
- low-flow / flush plumbing fixtures + drought-tolerant landscaping;
- · locally, sustainably sourced wood timbers & decking;
- · all Energy Star appliances;

Plus, Sunset View Apartments meet Universal Accessibility requirements and is adaptable for full wheelchair accessibility if required by tenants. Meanwhile, 30 per cent of units rent 20 per cent below median market rental rates—making them some of the most affordable in the community! Photos in HD certifications' section.

Citimark's Belle Isle Townhomes: BUILT GREEN® Gold in North Van, Wins District Award

With 88 units across 11 buildings, Citimark Group's first project with us was substantial! Belle Isle provides one-to-three bedroom townhomes for progressive families to enjoy park-side living—and it won the 2022 Design Excellence Award by the District of North Vancouver!

Lauded for well-appointed amenity space at the townhomes' center, Belle Isle also provides many pathways to surrounding developments and natural areas, alongside access to a playground, dog park, and rec centre. Citimark thoughtfully included dog wash



Belle Isle Courtyard, Vancouver, BC

stations, bike and storage lockers (note: 73 bike score), and their underground parking includes electric vehicle charging stations.

Earning BUILT GREEN® Gold, it achieved impressive energy efficiency, alongside a holistic approach to sustainability, including:

- indoor air quality, with ERVs to exchange stale indoor air for fresh outdoor air with energy recovery, alongside low / no-VOC insulation, paints, and adhesives;
- water-saving features—toilets, faucets, dish & clothing washers, plus permeable landscaping with drought-tolerant plants.
- durability—one of the most overlooked aspects of sustainability, but not by Citimark, who earned program points for durable / lowmaintenance flooring, finishes, hardware, fixtures, and decking materials for their private, roof-top decks!

Your Third-Party Certifications

Through our third-party certification programs, we support builders in building more sustainable homes. Our five levels of certification allow builders at varying stages to progress incrementally.

Many builders certifying BUILT GREEN® are long-time leaders and innovators who have been with us since our beginning, while others have chosen to certify their builds along the way. We acknowledge their collective contributions to progressing sustainable building and providing healthier, more sustainable homes for their homebuyers.

Single Family Program

The origins of our flagship program, Single Family New Construction, are in 2003, when the organization was formed. It's a two-in-one certification: the EnerGuide label through Natural Resources Canada and our BUILT GREEN® label.

Certification Numbers

Congratulations to all builders who verified their builds through BUILT GREEN® certification this quarter:

Città Construction Ltd, City Homes Master Builder Inc, Crystal Creek Homes, Distinctive Homes Inc, Ellenwood Homes, Excel Homes, GableCraft Homes, Gemwood Construction Ltd, Generations Master Builder Inc, Grace Projects Inc, GW Developments, Jayman BUILT, Khataw Development Ltd, Legacy Signature Homes Inc, Logel Homes, Modern General Contractors, Naikoon Contracting, Partners Development Group Ltd, Rococo Homes Inc, Scagliati Homes Ltd, Sterling Homes Edmonton, Sterling Homes Calgary, Truman Homes Inc, Tyee Homes, and Verity Construction.



Platinum Homes Highlighted



During this quarter, there were numerous Platinum certifications—the highest certification level, next to Built Green's Net Zero Energy+! On their EnerGuide label, these projects earned at least 30 per cent lower than reference house, while achieving incremental improvement across the

other seven areas of our programs—verifying energy efficiency and green features!

Special shout out to all who achieved BUILT GREEN® Platinum certification on their single family projects this quarter!

Congratulations to Ellenwood Homes (1), Legacy Signature Homes Inc. (1), Naikoon Contracting (1), Sterling Homes Edmonton (2), and Tyee Homes (2).

Check out some of these beautiful, sustainably built projects!

Ellenwood Homes Ltd.

- · Energy Advisor: Gerry Sawkins
- · Nelson, BC







Working to reduce overall environmental impact and carbon emissions, this home by Ellenwood Homes had more than a 40 per cent reduction in greenhouse gas emissions, along with many green features like ICF foundation, zero-VOC paints, HRV, and superior insulation.

Legacy Signature Homes

- · Energy Advisor: Enviromatics Group Ltd.
- Edmonton, AB





Using third-party certified, sustainably sourced lumber and materials, Legacy Signature Homes incorporated green features like low-VOC and low-formaldehyde products, HRV, as well as a complete recycling program during the construction of this home.

Sterling Homes Edmonton

- · Energy Advisor: Enviromatics Group Ltd.
- · Edmonton, AB





Choosing green features like low-E, triple-pane windows, R20 frost wall, and achieving 0.8 air changes per hour (ACH), Sterling Homes Edmonton has delivered another affordable home without compromise.

Tyee Homes

- · Energy Advisor: Kootenay Energy Advisor
- · Kimberley, BC





Tyee Homes built this house with a view of the Rocky Mountains and Fisher Peak, using sustainably sourced materials and methods that lower energy consumption, plus adding high-performance appliances.

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High Density Program

Our High Density New Construction is applicable to multi-storey, residential tower, and mixed-use projects. During second quarter, numerous high density projects were completed (highlighted below) by progressive builders who demonstrate leadership in the residential building industry and verify their exemplary work with certification.

Congratulations to Agius Builders Ltd. (1), British Pacific Properties (1), Highstreet Ventures (3), Logel Homes (2), and Truman Homes (2).



17 West by Truman Homes

- 101 units, condominiums Calgary, AB
- BUILT GREEN® HD Verifier: Erik Heck, Introba







Alongside numerous green features, this BUILT GREEN® Silver project is focused on indoor air quality, with air filtration on all handling systems, low-VOC and formaldehyde-free products, and HRV, to ensure their homes are both comfortable and healthy for occupants: Truman Homes promotes wellness alongside long-term environmental stewardship.

Archer by Truman Homes

- 39 units, condominiums Calgary, AB
- BUILT GREEN® HD Verifier: Erik Heck, Introba







Truman Homes' second BUILT GREEN® Silver certification this quarter, includes superior insulation, Energy Star windows and appliances, a recycling program, and more—Truman is dedicated to creating beautiful and functional living spaces that promote a brighter, more sustainable future for generations.

Auburn Rise Building 5 by Logel Homes

- 64 units, condominiums Calgary, AB
- BUILT GREEN® HD Verifier: David Krisa, Introba







This BUILT GREEN® Silver certified project by Logel Homes includes energy-efficient HRV systems across all units; advanced sound attenuation; and carpets made from recycled plastic bottles! Plus, residences have lake access with a network of pathways, promoting a healthier lifestyle. This is the first of two HD projects they certified in Q2!

The Courtenay by British Pacific Properties

- 39 units, condominiums Vancouver, BC
- BUILT GREEN® HD Verifier: Emma Conway, E3 Eco Group Inc.







Promoting a carbon-emission-free lifestyle, this BUILT GREEN® Gold certified build is British Pacific Properties' first of many electrified buildings—and one of the largest solar panel installations on the North Shore! All major heating and cooling is powered electrically, while electric vehicle charging stations are provided, alongside electric car-sharing options. Meanwhile, a healthy lifestyle is built into the design with stations for bike repair and dog-washing, a yoga garden, fitness room, plus access to innumerable forest trails—they've even built in a green roof!

Seton West Building 3 by Logel Homes

- 64 units, condominiums Calgary, AB
- BUILT GREEN® HD Verifier: David Krisa, Introba





Logel Homes' continues to certify BUILT GREEN® multi-family projects in south-east Calgary—beginning Fall of 2019 through June 30, they've certified seven low-rise buildings! This BUILT GREEN® Silver certified project, located in developer, Brookfield, thoughtfully designed Seton community, allows residences to have amenity access right off their doorstep including a hospital, grocery stores, banks, and much more.

Sky Gate by Highstreet Ventures

- · 225 units over three condo buildings Langford, BC
- BUILT GREEN® HD Verifier: Karen Goddard Hermanson,
 - 4 Elements Integrated Design







As they pave the way for an affordable, zero-carbon, net-positive future, Highstreet Ventures delivers more Carbon-Free Homes with this BUILT GREEN® Platinum project! 75 Per cent more energy efficient than BC building code requirements, it features high-efficiency mechanical systems, Energy Star appliances, low-flow plumbing fixtures and more.

Sunset View Apartments by Agius Builders Ltd.

- · 34 units, condominiums Powell River, BC
- BUILT GREEN® HD Verifier: Roger Chayer, Talus Green Building Consulting







Featured in full on cover page, this BUILT GREEN® Gold certified project is by Agius Builders and Powell River Sunset Homes Society.

Communities Program

Our Communities program offers developers a framework addressing performance on a human, neighborhood and global scale. Program considerations include health; resiliency; lifecycle sustainability; new urbanism; GHG emissions; green space; and resource consumption.

Midtown - Phase 1 by Averton

- BUILT GREEN® Community Verifier: Dave Turnbull, Enerspec Energy Consulting and Home Inspections Inc.
- · St. Albert, AB



Midtown is a 45-acre, master-planned community that offers a diverse range of housing types and everyday convenience. From distinct architectural forms, it's a mix of for-sale and rental residences, alongside

open-space and street design that prioritizes age diversity, safety and general accessibility. Averton was the first developer to enrol in our Communities pilot and Midtown the second project to receive certification.



Spotlight on Greenhouse Gases & Calculating Reductions with Built Green



There are plenty of terms related to greenhouse gases (GHG): carbon, CO2, and more—it can get confusing.

A greenhouse gas is any that absorbs and re-emits heat, thereby keeping the planet warmer than it otherwise would be. The main GHGs in the earth's atmosphere are water vapour, carbon dioxide (CO2), methane (CH4), nitrous oxide (N20), and ozone.

GHGs occur naturally in our atmosphere; however, human activities—such as burning fossil fuels, cutting trees, industrial activity—exacerbate the process: increasing GHG levels, which prevents ground heat from dissipating into space. This phenomenon is called the greenhouse effect: causing global warming and climate change.

C02 is the most common GHG emitted by human activities in terms of the quantity released and the total impact on global warming. Carbon is a chemical element present in many gases and compounds (e.g. carbon combines with oxygen to create carbon dioxide). The term "carbon" is used in various ways when talking about greenhouse gas emissions, and therefore tends to be ambiguous and potentially confusing—it's used as a shorthand expression to refer to either just CO2 or to greenhouse gases in general (although not all GHGs contain carbon). ¹

¹Matthew Brander, ecometrica

We Encourage GHG Awareness & Reductions

We enable builders to calculate their projects' GHGs in the Energy & Envelope section of our program.

Calculate GHG on the Checklist



Calculate and provide the GHG emission reductions, based on the energy modelling results (see tab on BUILT GREEN® Checklist to calculate):

- 10% reduction from [ERS] reference house for 1 point;
- · 20% reduction for 2 points;
- 30% reduction for 3 points.

Currently, GHG reporting is an option in our programs and not a requirement; however, select municipalities are looking to set GHG reduction requirements, while the Canadian Commission on Building and Fire Codes is discussing this for 2025 National Building Code.

GHG-Specific Checklist Items



Meanwhile, there's discussion of GHGs related to the home's construction: embodied carbon. Throughout our programs, there are checklist items that contribute to the reduction of GHGs, both operationally and embodied carbon. To raise awareness of these checklist items, we've identified them in a separate checklist. Reviewing these will assist you in directly equating your checklist item choices to GHG reductions.

For more information on these checklist items, please contact us.

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We believe training is essential.



Built Green offers affordable online training that guides builders through practical methods, which foster continuous improvements to building practices.

Our builder membership requirements include updated training every two years—plus, checklist points (Business Practices) can be earned for extra staff and trades undergoing training! The below courses are valuable for new or long-standing members.

Register now



BUILT GREEN® Program Fundamentals – NEWLY UPDATED

\$150 for members / \$250 for non-members

Even for long-time members, this is a great refresher: on what Built Green is about and how you can leverage the benefits. A requirement for new builders, this course focuses on the fundamental aspects of the program to orient participants on how to work with Built Green; introduce you to the administrative and technical requirements; prepare you to successfully navigate our quality assurance processes; and offer resources to help you be successful at building BUILT GREEN® homes. We strongly recommend building science training as a natural progression.

- 3 CPD points BC Housing
- Master Building training credits PHBI



Construction Technology for BUILT GREEN®

\$276.50 for members / \$395 for non-members

An excellent building science course by Blue House Energy, it addresses the house-as-a-system concept; the role of sustainable development in construction; how building science affects building durability and occupant comfort; the signs, symptoms, and solutions for good indoor air quality; building envelope details and how they control or contribute to heat, air, and moisture flows; and mechanical systems.

- 20 CPD points BC Housing
- · Master Building training credits PHBI



Built Green Net Zero Energy for New Construction

\$276.50 for members / \$395 for non-members

For those working toward net zero, this series of training modules supports our Net Zero Energy+ certification program. It introduces concepts and techniques for developing high performance and net zero energy new construction projects. In addition to advanced envelope and mechanical system content, the course includes discussion on how occupant behaviour impacts the overall energy use in a house and affects the sizing of renewable energy systems.

- 20 CPD points BC Housing
- · Master Building training credits PHBI



COMING SOON

Built Green Whole-House Energy Retrofit

This course is a partnership between Built Green Canada and Blue House Energy and will be available as part of our Renovation Program re-launch. If you have experience with energy-efficiency projects, it will build upon your knowledge to give you the bigger picture of an 'envelope first' approach to a whole-house energy retrofit—encompassing the basement to attic, and reviewing energy use and building envelope to assess air leaks and drafts, insulation levels, and to address heating / cooling problems. Plus, how to identify and deal with issues such as dampness, mold or mildew that could lead to structural and / or health problems.

Participants will gain an understanding of what a whole-house energy retrofit is and what you need to know when working in the industry, plus what to look out for when installing efficiency measures in homes.



Webinar Recordings: Free of Charge for Members

Valuable online resources to improve on your projects' certification level and to find practical tips for building upon your sustainability efforts!

Develop a Deeper Understanding of Our Program Sections

- · Energy & Envelope, Part I
- · Energy & Envelope, Part II
- · Materials & Methods
- Indoor Air Quality & Ventilation
- · Waste Management & Water Conservation
- Business Practices

More Webinar Recordings with Great Tips

- · Cost-Effective Ways to Improve Building Performance
- · Under-Utilized Technology that Makes a Difference

Upon request, these are available for members at no charge—contact us!



What are you interested in learning about? We have upcoming webinars slots and want to ensure topics are valuable to you!



BUILDER PRESENTATIONS

Helping You Sell the Benefits of BUILT GREEN® $\,$

Built Green is your pathway to your competitive advantage—we talk to sales teams on ways to communicate the benefits to customers!

Contact us to learn more; we're accepting bookings into Autumn.

There are other valuable courses related to sustainability, which may meet our membership training requirements. For instance, we acknowledge Building Science for New Homes courses through Service Organizations licensed by Natural Resources Canada, alongside other training providers. Please contact our office to confirm.

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COMING SOON – Renovation Programs' Relaunch: Expansion on Holistic Pathways to Sustainability



We know renovations are notoriously challenging and unique—and not always straightforward... but we want to ensure our programs continue to be! In our mission to meet industry where they're at, our programs are designed to add value to any kind of renovation—and provide proof of sustainability gains.

Expanding our holistic, practical pathways to sustainable practices, we're offering professional renovators and restorers more options to enhance their projects, regardless of location, budget, or priorities.

Single Family Renovations

- · Whole House (75% or more)
- Renovations (40-70%)
- · Rooms: Kitchen, Basement, Bathroom

High Density Renovations

- Mixed-Use
- Repurposed
- Heritage

Alongside our relaunch, an affordable, comprehensive online course will be available: Built Green Whole-House Energy Retrofit.

NEW PROGRAM SECTION



Section 7: Occupant Wellness

This new program section guides builders towards further improving their homebuyer's well-being—physically and mentally.

Health and wellness continue to be top of mind for homebuyers. With indoor air quality and ventilation already part of our programs, the addition of this new section aims to further improve occupants' wellbeing. We encourage builders to further consider wellness—and we know that industry has valuable input; should you have suggestions for this, or any, section of our programs, please contact us.

During this introductory phase, no minimum points are required; rather, points earned will add to the overall checklist total.

BUILT GREEN® builder shout out to Grace Projects, Green City Homes Ltd, Jayman BUILT, Klair Custom Homes, Mckee Homes, Rococo Homes Inc, Sterling Homes Edmonton, and Urban Pioneer Infill Inc. These builders are already taking part in this new program section—enhancing the wellbeing of their homebuyers.

If you're a builder earning checklist points in the Occupant Wellness section and have been missed, please let us know. Due to the number of files processed, we may experience the occasional error.

Calling for Your Input: 2024 Program Checklists



As our programs will soon undergo annual updates, we're asking you: have we missed anything? Let us know: 888.485.0920 / jchristenson@builtgreencanada.ca

Verify Water Performance: Water Efficiency Rating Score (WERS) Performance-based water rating through BUILT GREEN® programs

While building code addresses energy efficiency, increasingly, other key areas of green building are on the radar of industry, government and consumers. With global water shortages, exacerbated by climate change, conservation has become a critical sustainability goal.

This tool is another innovative option through our programs, as we continue to progress affordable, sustainable building practices; improve and highlight water conservation; provide ways to preserve natural resources; and offer builders another competitive advantage—enabling them to show leadership and pass along the associated benefits to their customers: like water-system education, improved home efficiency, reduced energy costs, and more.

WERS Will Help:

Measure and improve your build's water efficiency—and your homebuyer's utility bills.

- ✓ Improve home efficiency: water & energy
- √ Homebuyers can understand & reduce usage
- √ Verify performance to customers & your municipality
- √ Show environmental leadership in water conservation
- ✓ Get [further] ahead of the curve

Builders Work with BUILT GREEN® WERS Verifier, Who:

- √ Calculates indoor & outdoor water usage
- ✓ Guides builders & homeowners toward better water practices
- √ Provides home water efficiency score (0 100) & certification label

Partnering with Green Builder® Coalition, we integrated WERS, as an optional compliance pathway to achieve points in Section 6: Water Conservation. It's the first performance-based water rating in Canada.

Contact us to participate or for more information.

Your Pathway to a Competitive Advantage

Our programs are affordable and offer ease of navigation and the flexibility for you to choose from a number of green features, depending on what best suits your build, customer, and budget.

Whether you're in a jurisdiction that's adopted 9.36, Energy Step Code, or incoming Energy Tier Code, all builders face increased energy performance requirements—the competitive advantage originally associated with energy alone is gone.

Through BUILT GREEN® certification, you gain an advantage over other builders—our programs take a holistic approach that includes the preservation of natural resources, reduction of pollution, ventilation and air quality, and the improvement of home durability. Yours is a more sustainable build: verified with certification!

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Importance of Showcasing Your 3rd-Party Certification

Show you're not greenwashing: verify your work

Without certification, it's difficult to know whether requirements are met; certification removes perceptions of greenwashing. Putting the BUILT GREEN® label on the electrical panel tells homebuyers you're credible. Show off your label—in the home and showhomes, in your advertising, on social media, through both your sales team and realtors.

This is about your competitive advantage. It's about you being a progressive builder who's building more sustainably, with a label to verify this. It's about being a builder who does more than code. And, it's about pass-along benefits you can offer your homebuyer.

Increasingly, we receive calls from customers asking if a home they're considering has been certified. Homebuyers are becoming more discerning about the legitimacy of "green feature" claims.

Covid reminded us of the importance of healthy living; it's on our minds, so showcase green features that make your homes healthier and more sustainable—it's more than energy.

Contact us for assistance highlighting green features.

Display Your 2-in-1 Home Certification

These labels provide verification to the home's energy efficiency and green features and reinforce to homebuyers that they've purchased from a quality builder who goes beyond code.

Project Labels - on Electrical Panel

Affix BUILT GREEN® label on electrical panel with EnerGuide label from Natural Resources Canada.





EnerGuide is an official mark of Natural Resources Canada: used with permission.

Generic Label - Showhome, Sales Package, Office A commitment to certification before seal level is confirmed



Highlight your commitment to verifying your projects' energy performance + holistic approach to sustainable building, with a generic label!

*Generic label available to promote certification from the start; for projects enrolled for certification | if builder includes certification as an option (there's no certification level identified). It's not to be used for equivalency standards. Available on request—contact us.

Metal Plaques - Projects, Showhomes, Office



\$35 Metal certification plaques are a conversation starter that further feature home certification—install in sidewalk, gate, project exterior / interior wall, plus in showhomes! Available in Bronze, Silver, Gold, Platinum, Net Zero Energy+ and generic (no level).

Show Customers the Value of Your Build Being 3rd-Party Certified



We provide a homebuyer benefits overview to help you promote your BUILT GREEN® project: include benefits when talking to customers—ensure they know why your product is superior! Plus, integrate this into your marketing efforts.

You offer economic benefits; a healthier, more efficient, comfortable home; increased durability; alongside verification of green features and energy efficiency—which can result in rebate eligibility!

Social Media: Tag Us & Use Hashtags



Show customers you go beyond status quo-include: #BuiltGreenBuilder #PutALabelOnIt #BuiltGreenCertified

Webinars

Connect with Us to Be Featured



- Social media
- Website
- And more...
- Newsletter

Incentives & Rebates



Green home incentives mean benefits you can pass to customers —putting money back in their pocket. Rebates are available across the country and vary based on project type (single family, renovation, high density).

Mortgage Rebate Eligibility

Single family new homes certified BUILT GREEN® Gold, Platinum, and Net Zero Energy+ are eligible for a partial mortgage loan insurance premium refund of 25 per cent (minimum 20 per cent improvement in energy performance).

- Canada Mortgage & Housing Corporation: Eco Plus Program
- Canada Guaranty Mortgage Insurance Company: Energy-Efficient Advantage Program
- Sagen™: Energy-Efficient Housing Program
- and others



Remind your homebuyer - contact Built Green Canada for their Certificate of Authenticity to receive the rebate!

Shout out to mortgage providers who incentivize homebuyers to buy greener homes, verified through certification (min. 20 per cent improvement in energy)! By providing substantial rebates—25 per cent back—they increase demand for sustainably built homes: providing builders with an added selling feature and rewarding homebuyers who choose a greener future!



Check out how J. Zsiros Contracting framed their BUILT GREEN® metal plaque-truly showcasing their excellent work in sustainability. Congratulations again to this excellent builder.

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Our Homebuilders Shine in Eco-Solar Home Tour

This annual public tour took place over weekends in June, showcasing leading-edge solar, energy efficient, and environmentally benign houses. This year, 36 homes were showcased, and organizers reported impressive visitation numbers: Edmonton – 1090; Calgary – 714; Lethbridge – 317; Canmore - 366.

Proud to see our builders' projects in the Eco-Solar Home Tour:





Effect Homes, Edmonton

Excel Homes, Calgary





Greener Homes, Lethbridge

Jayman BUILT, Calgary



Landmark Homes, Edmonton

New Park & Midsummer Festival in BUILT GREEN® Community

Weeks before Averton's BUILT GREEN® Community, Midtown, underwent certification on Phase 1. St. Albert saw the grand opening of their newest park and playground: Rondeau Park! As part of their Community project, this developer allocated three acres to recreation and green space!



Built in partnership with the City of St. Albert, Averton stayed true to Midtown's intention: they took a naturalized approach, combining amenities with the surrounding area and adding a beautiful naturebased playground. Averton wanted to create a space that would appeal to all ages and stages of life and promote curiosity. The result is a beautiful, functional space for a variety of people to enjoy.

Celebrating Industry & Environmental Initiatives at the Georgies

On May 20th, we joined industry at CHBA BC's Georgie Awards—always a fun way to connect with industry and celebrate their impressive work across British Columbia. In the photo (on right), our Communications Manager, Karen Podolski (middle), joins our Board Director, John Friswell (CCI-Fairmile) and wife, Judith.



CCI-Fairmile Group Ltd. won awards for projects in West Vancouver: Best New Small-Scale Home up to 1000 sq. ft. and Best Landscape.

As a returning sponsor of Best Environmental Initiative, we were proud to present this award to BUILT GREEN® member, Century Group, for

their Southlands Tsawwassen: an innovative master-planned beach community rooted in farming and food, based on the principles of agricultural urbanism to reestablish the culture of agriculture within metropolitan areas. Bravo!



Southlands Tsawwassen, Century Group

Once again, we extend our congratulations to all finalists and winnerswith a special shout out to nominated BUILT GREEN® builders:

- CCI-Fairmile Group Ltd.
- Hasler Homes
- Keith Construction
- Kindred Construction
- Lacey Construction
- My House Design / Build / Team
- RDC Fine Homes
- · Shakespeare Homes Ltd.
- · Vandine Construction

Spotlight on Industry Awards

We want to acknowledge all those building better—as well as the associations that work to showcase their achievements and provide ongoing learning opportunities.

Congratulations to all builders whose excellent work was recognized—and especially our BUILT GREEN® builders—as finalists and winners at the following awards that took place during the second quarter. Beyond the Georgies, this included the following:

- · BILDCR Awards, BILD Calgary Region
- · BILD Awards, BILD Greater Toronto Area
- Housing Awards of Excellence, CHBA Fraser Valley
- HAVAN Awards for Housing Excellence, HAVAN
- RenoMark Renovation Awards. Manitoba Home Builders Association
- VIBE Awards. CHBA Vancouver Island





Employee Wellness Day

L to R: Esther, Jenifer, Karen, Sarah

Attention All Estimators!

Save Time on Product Sourcing

The BUILT GREEN® Product Catalogue is an online resource for builders and renovators: of building materials, for use in sustainable construction. Products have been approved by Built Green's Technical Standards Committee, giving builders peace of mind and saving them time sourcing materials.

Earn Points Towards Project Certification

Our checklists guide builders to achieve certification, and products featured are organized into the program sections where they have been approved to help earn points towards project certification.



Section 1: Energy & Envelope

Acrylic Sealing Tape

Wigluv - SIGA

Earning checklist point: 1.2.1

 Constructed of a special vapor-permeable polyolefin, reinforcing mesh, and pressure-sensitive glue, this sticky, low-profile, acrylic sealing tape can bond even the most difficult substrates in extreme climate conditions.

Air Barrier Membrane

Blueskin® VP100 - Henry Company Canada

Earning checklist point: 1.2.10

 Improving building longevity, thermal performance, occupant comfort with reduced energy costs, this fully adhered, peel-n-stick eliminates air leakage while functioning as a water-resistant rain barrier

Drain Water Heat Recovery Unit

ThermoDrain™ - EcoInnovation Technologies Inc.

Earning checklist point: 1.3.10

Canadian-manufactured drain water heat recovery unit that is 100
per cent copper, requires no maintenance, and has no moving parts
—it passively extracts heat from waste water to preheat incoming
cold water. Intertek Certified CSA B55.2 & Verified CSA B55.1.

ICF Block

Nudura® Insulated Concrete Form - Tremco Canada

Earning checklist points: 1.2.3 & 1.2.4

 Largest ICF block in the industry at 8' long by 18" high, it folds flat, providing cheaper shipping and more room on the job site. Nudura Duralok technology allows the ICF webs to lock together vertically, eliminating form uplift and settlement and providing peace of mind when bracing walls.

Insulated Panels

ICE Panels - Greenstone Building Products

Earning checklist point: 1.2.5

 A combination of EPS and galvanized steel, these sustainable, efficient, and economical ICE panels eliminate thermal bridging, resulting in an incredibly efficient building envelope.

Smart Device

Swidget

Earning checklist point: 1.6.6

 With integrations for Control 4, Home Assistant, and an API for custom development, it can participate in many different ecosystems—all while providing smart solutions for IAQ, ventilation, energy management, lighting, safety, and more.

Tankless Hot Water Heater

syncFURNANCE Tankless™ - Gradient Thermal Inc.

Earning checklist point: 1.3.8.2

Featuring a 192 MBH high-efficiency tankless water heater, capable
of up to 5 GPM at a 70-degree rise, with optional built-in
recirculation. Available in five sizes from 500 CFM to 2200 CFM
with BTU heating output ranges from 30 MBH to 99 MBH.

Windows & Doors

All Weather Windows

Earning checklist point: 1.2.16

 Designed to suit Canada's climate zones these award-winning, quality crafted products are energy efficient (up to R8), costeffective, and CSA certified.



Section 2: Materials & Methods

Concrete

General Use Concrete - Lafarge

Earning checklist points: 2.1.7 & 2.2.7.1

 Uses by-products from other manufacturing industry such as fly ash and slag, at a 30 per cent cement replacement, reducing the overall environmental impact of these industry waste by-products and reducing the overall carbon footprint of the concrete.

Shingles

CRC Biltmore™ Architectural Shingle – IKO Industries

Earning checklist points: 2.3.1.1 & 2.3.1.2

 Manufactured in a larger size to offer more exposure and create a high definition "shake" look, these shingles are versatile and easy to maintain and come in myriad colours that can suit any home. They also carry a limited lifetime warranty.

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Stone

Chiseled Limestone - Selkirk Stone Distributors Inc.

Earning checklist points: 2.3.4 & 8.1.4

 With a rough, hand-hewn appearance, it ranges in shape from nearly square to narrow and rectangular. All edges of this profile are shaped to 90-degree angles to accommodate either a mortared or dry-stacked installation.



Section 3: Indoor Air Quality

Paint

GrafClean Eggshell - Graphenstone

Earning checklist points: 2.11, 3.18, 3.19 & 3.20

 Free of toxic substances and highly breathable, this low-sheen, ecological paint for interior and exterior use contains lime, which acts as a natural preservative, thus eliminating the use of harmful chemicals / carcinogenic materials.

Insulation

Formaldehyde-Free Insulation - Johns Manville

Earning checklist points: 2.2.4 & 3.10

 Providing excellent thermal and acoustical performance, it also utilizes an innovative bio-based binder, made mostly with rapidly renewable plant-based materials that offer improved handling, easier cutting, and less dust.



Section 4: Ventilation

Humidifier

Model 400MK Evaporative Bypass Humidifier – AprilAire Earning checklist point: 4.6

 The humidifier captures and stores water in its reservoir, which is then heated into a vapor and dispersed throughout the home. 100 Per cent of the captured water is used. The unit delivers up to 17 gallons of moisture to a home per day.



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- √ Save time sourcing services / products
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Our Supporting Members deliver products and services that builders and developers need—they're a useful resource for all working in sustainable development.

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