



Q2 2020 Quarterly Newsletter

Built Green Canada

In this Issue:

- Health, Well-Being, and Sustainable Homes—the Inseparable Link
- Moving from Equivalency to Certification
- **Put a Label On It—And Win!**
- Noteworthy Highlights from our Members
- Built Green Webinars
- Built Green in Your Community
- Three High Density Certifications Awarded
- Energy Advised
- Program Updates
- Product Catalogue Connection

Health, Well-Being, and Sustainable Homes—the Inseparable Link

Though we understand the COVID-19 pandemic extends far beyond a health crisis, the trajectory of our communities and economies is difficult to anticipate, recover from, and prepare for, should future waves come. What we can expect is that the increased focus on health and well-being will remain.

Alongside this, sustainability in the built environment continues to be an ever-more prominent concern in industry, policy, and academic discussions with resultant code changes and regulations. The primary focus in the building sector has been on energy efficiency; however, it is the health and well-being issues that now require greater consideration.

As we navigate through the cycle of downturn, recovery, and growth, we're all encouraged to consider how we want to benefit financially and contribute to change: it makes business sense to understand and align with climate mitigation strategies, as governments are setting targets to be met. Whether you're a builder or developer, a consultant, in the trades, a manufacturer's product representative, how buildings are constructed and what goes into them presents us with opportunities to contribute to climate solutions, while remaining competitive in business.

Market demand for sustainable building is on the rise and can be enhanced through greater promotion of the health and well-being benefits of sustainable homes. If your customers are not asking about the green features in your home, that doesn't mean its not on their mind: show them the green features you've integrated into the home, point out the BUILT GREEN® certification label on your electrical panel, and explain the benefits—we can help you with this. As COVID continues, the focus on staying well remains top-of-mind, while working from home reinforces the importance of a healthier, more comfortable home. And, considering the longevity of homes and buildings, contemplation of a healthy home should be of great importance to avoid potential adverse effects. Further, our office receives regular calls from homebuyers assuming their builder has built sustainably. Unfortunately, sometimes they haven't.

While energy efficiency is a key component of sustainable building,

high performance homes may not address other important aspects of sustainability. Built Green's homes address energy performance and go beyond to include requirements for materials and methods, indoor air quality, ventilation, waste management, and water conservation.

Focusing on indoor air quality, improved air quality means less stress on the respiratory and immune systems; for those with allergies, benefits can be significant. Choose options like VOC- and formaldehyde-free building materials, third-party certified floor coverings, and Heat Recovery Ventilators that circulate air and remove allergens—contributing to fewer toxins and dust in the air. These homes have a significant reduction of drafts, cold spots, and temperature variance from room to room, due to the program's attention to the home's air tightness and ventilation. Options like triple-paned windows, which—in addition to offering superior insulation (energy efficiency) and air tightness—offer substantial sound reduction from outside.

Assessing the impacts of COVID will differ from business-to-business, from person-to-person, and from community-to-community; however, health and well-being will remain core to our livelihood now and into the future. As health crises and climate change impact our economies, those who work to address these will be better poised for future success. We all have an opportunity to recognize the important headwinds and tailwinds, and to move forward with the market toward a green recovery.

Our Gratitude and Thanks to the Industry's Frontline Workers

We would like to thank all the industry's frontline workers who continue building better, more sustainable homes as the COVID-19 pandemic continues. To builders, trades, suppliers, energy advisors, inspectors, warranty providers, and many more who support those on the ground, including associations and government, whether from home or in their place of work—thank you for all you do.

Thanks to you, the industry continues to move forward, safely and responsibly, while providing healthier homes and contributing to the economy.

Moving from Equivalency to Certification

Managing Risk & Reputation

What does it mean to build to an “equivalency”? An equivalency is using a program’s tools in an attempt to meet a requirement without it being certified—and likely, without actual testing being done. This could be a BUILT GREEN® checklist that is used and submitted to a municipality to meet their compliance requirements of building to a Built Green standard.

Sometimes, when a project has been built to meet a standard, it may have been unintentional—some builders are not familiar with the certification process and don’t realize they’re doing this; however, there are unintended consequences that result from building to an equivalency standard. The implications can be far reaching, and it can have a snowball effect...

Compromised reputation, legal implications, and a loss of income.

The builder’s reputation, at the very least, may be compromised. A homebuyer may think they’re buying a BUILT GREEN® home, and with that, they’re expecting a level of performance and quality associated with the brand. And, they’re also expecting other benefits that go with certification, including rebates that they won’t be eligible for without proof of certification.

When we’re faced with a project heading down a path of equivalency, we want to work with all those involved to move the build forward for certification.

Further risk may include the builder’s reputation with their peers: other builders—especially those certifying their builds... equivalency standards undermine their efforts. While there are builders that are certifying their builds, others aren’t, yet claim to be, and this can influence negative attitudes about the builders involved as well as the residential building industry.

For the program provider—whether Built Green Canada or another—this can be very damaging. The tools are proprietary and intended for the purpose of certification; using them is exploitation. Also, because a potentially inferior product could now be associated with the brand, hurting Built Green as well as those certifying their builds.

And as for the municipality, if equivalencies are happening in their community, it becomes more difficult to gauge success and leadership around climate mitigation.

Unfortunately, we have received calls from homeowners who thought they’d purchased a BUILT GREEN® certified home only to learn it isn’t. Unhappy homeowners have gone to their builder and even gone directly to the municipality, whether that be administration or city council.

For the builder, and all involved, there’s risk of damaged reputation.

Beyond this, there are possible legal implications associated with an equivalency standard. There is risk a homebuyer may sue a builder if they believe they were misled. And so, a compromised reputation, coupled with legal implications lead to lost earnings.

Value of certification: validation, legitimacy, and transparency.

Third-party certification programs authenticate and legitimize a home

as being sustainably built. In the case of our certification, we are a two-in-one with the EnerGuide and BUILT GREEN® labels, which are usually affixed to the electrical panel or furnace of the home. These labels increase the builder’s credibility and offer peace of mind to the homebuyer, as well as rebate eligibility.



Put a label on it.

There are builders who say they are building a higher performance home, and they may be... and there are builders who say they are, which may not be—we don’t know, and neither does the customer. Without certification, it’s difficult to know whether or not requirements were met. And so, certification removes perceptions of greenwashing.

As for the benefits of certification, this is about your competitive advantage. It’s about the pass-along benefits to the customer, increased durability in your builds, verification of your green builds, staying ahead of regulations, being a builder that goes beyond the status quo, and demonstrated leadership.

Increasingly, we receive calls from customers asking if a home they’re considering has been certified. Homebuyers are becoming increasingly discerning about “green feature” claims and the legitimacy of these.

** As building code now addresses energy efficiency, many are now looking at other components of sustainability—building materials, waste management, etc. We’re receiving calls from municipalities considering some of these other areas.

Put a Label On It—And Win!

Show off your BUILT GREEN® third-party certification, and you could win 10 of our BUILT GREEN® metal plaques for your next homes certified through Built Green Canada.

Entering Is Easy:

- 1) Post a photo of your BUILT GREEN® home certification label or metal plaque to your social media accounts.
- 2) Tag Built Green Canada...
 - Twitter: @BuiltGreenCan
 - Facebook: @BuiltGreenCanada
 - Instagram: @BuiltGreenCanada
- 3) Use the hashtag #PutALabelOnIt



Eligibility:

- BUILT GREEN® builders
- Projects BUILT GREEN® certified Jan 1 – Sept 30, 2020

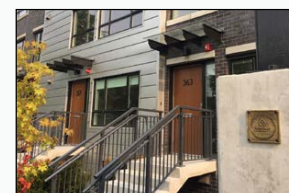


Photo: inHaus Development Ltd.

Deadline: Wed, Sept. 30

Prize value is \$350 (before taxes and shipping). A random draw will be made at 6:00 p.m. MST on Sept 30, 2020.

Display Your Two-In-One Home Certification

The BUILT GREEN® home certification label is usually affixed to the furnace or electrical panel, along with the EnerGuide label from Natural Resources Canada.

These labels offer verification to the energy efficiency and green features of the home and reinforce to the homebuyer that they've purchased from a quality builder. Here are BUILT GREEN® labels showing all four levels of certifications, plus the EnerGuide label.



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

More Ways to Showcase Your Home Certification

Did you know we have metal plaques for purchase to further accentuate your home's certification: builtgreencanada.ca/built-green-metal-plaques.



Photo: Lentel Construction

Flank your porch with plaques on bannisters, create stepping stones with inlaid plaques, or affix them to your front and back gate. A plaque provides a conversation starter and reinforces the home's third-party certification—beyond the EnerGuide and BUILT GREEN® labels. They are available in bronze, silver, gold, platinum, and generic (no level identified).

Built Green in the News

Over the second quarter of 2020, COVID-19 dominated the news and our earned media was down. However, related media coverage was picked up by a few outlets, including Alberta Views, BC Building Info, Construction Links, Floor Nature Blog, The Kingston Whig-Standard, West Shore VOICE News, and more.

NEWS

NOTEWORTHY HIGHLIGHTS FROM OUR MEMBERS

Sunstone Resort Communities: Our First Manitoba Developer

Sunstone, a member of the FWS Group of Companies for nearly 20 years, actively pursues development opportunities in a variety of markets and provides selective development services for its own account and to stakeholders.

Headquartered in Winnipeg, Manitoba, Canada, The FWS Group of Companies was established in 1953 and is an experienced, vertically integrated, project developer and contractor. With offices in Winnipeg, Calgary and Vancouver, FWS is employee-owned delivering specialized services to multiple industry sectors.

Their high density project with Built Green will be built in Canmore.

First Two Toronto Certifications with baukultur/ca

baukultur/ca was established 2015 in Toronto as a boutique design and development company with the mandate to create healthy, ambitious, and unique spaces of the highest architectural standards. They specialize in healthy, high-performance buildings and provide space-efficient, highly functional, modern design. Impressively, their first two projects with us earned BUILT GREEN® Platinum!

Featured Tweet

Designlines Magazine @DesignlinesMag · Jun 16
baukultur/ca, a local architecture firm, built green, gorgeously, and went on to earn a Platinum Plaques certification from @BuiltGreenCan for their efforts. And all of it was inspired by a trip to a landfill.



These Intertwining Semis Might Be Toronto's Greenest Homes | Desi...
He laughs about it now but when Felix Leicher first moved to Toronto from Munich, he had quite a shock. The young architect was taking a ...
designlinesmagazine.com

Lentel Construction's Ingenious Reclamation of Materials

Lentel Construction recently earned a BUILT GREEN® Platinum for their Delta build. Equally notable is the cedar on this home: reclaimed from a 100 plus year old water storage tank in Burns Bog, an ombrotrophic peat bog boasting the largest raised peat bog and the largest undeveloped urban land mass on the West Coast of the Americas. The reclamation offered 20 ft lengths of clear cedar.

Tyee Homes Continues Platinum Streak

During this quarter, Tyee Homes certified three homes—all BUILT GREEN® Platinum. Over the last year, they've completed 15 certified homes, all platinum. Now that is impressive: congratulations, Tyee Homes.

Tyee Homes is an award-winning residential builder that provides complete design and construction services in the beautiful East Kootenays of British Columbia. Their passion, combined with their dedication to quality and energy efficient construction is evident in all of their custom homes. Tyee's development in the last decade has expanded to a growing selection of house lines, from Tyee Log & Timber and Tyee Signature, to their newest multi-family developments.

In these times of uncertainty, let's support one another, support local, and support other business and not-for-profits.

WEBINARS FOR YOU

Built Green Supports Industry with Webinars During COVID

Adjusting to COVID, we have continued to safely support builders and provide educational opportunities. As part of this, we have been delivering a series of webinars focused on our certification programs, each concentrating on key components of our programs.

Eligible for education credits: CPD points with BC Housing and can be used for credit through PHBI.

Energy & Envelope – Part I, Webinar

An Energy & Envelope, Part I, webinar delivered on August 11 had over 235 RSVPs, with Part II to be held in September. This webinar looked at construction methods and products that contribute to lower energy consumption, as well as alternative heating and electrical systems, and improved building envelope. We review benefits and provide practical, affordable suggestions to build better and to earn points towards BUILT GREEN® certification.

Materials & Methods Webinar

A Materials & Methods webinar was delivered on June 2 with over 180 RSVPs. It looked at the importance of the efficient use of durable, environmentally friendly materials and methods in the built environment and for creating healthier homes—building choices that can also improve thermal performance and offer energy benefits. Also included was a review of the benefits with practical, affordable suggestions to build better and to earn points towards BUILT GREEN® certification.

Our Checklist Dissected: an Overview with Practical Tips

The City of Edmonton (CoE) has shown great leadership in encouraging our third-party certification on a number of communities over the years—most recently, The Meadows of Laurel, Phase II. Lots were released in the spring, and the CoE's Real Estate Branch required builders who purchased to certify to BUILT GREEN® Silver. The Meadows of Laurel package included supplied "BUILT GREEN® Tips" to reinforce this requirement. Presentations had been planned for March; however, with COVID-19, the presentation was delivered through their website. To offer further support, Built Green delivered a webinar to the Laurel builders on May 28.

BUILT GREEN IN YOUR COMMUNITY

Annual Municipality Challenge During COVID

Over the last six years, we have issued our Municipality Challenge, concurrent with National Environment Week, and participating municipalities have grown year-over-year. Given the implications municipalities are faced with during this time of COVID, the decision was made not to proceed with this communications initiative; rather, we recognized the day and posted of our decision, across our social media platforms, Twitter, Facebook, and Instagram.

Each year, municipalities across the country are challenged to proclaim the first Wednesday of June BUILT GREEN® Day. The intent is to raise awareness of the importance of building practices that lead to healthier, more environmentally friendly homes, to challenge municipalities to encourage green building, and to shine a light on builders leading the way. We have received municipal support in Alberta, British Columbia, Saskatchewan, Manitoba, and Ontario.

Public Safety Canada's Emergency Preparedness Week

We offer an avenue towards resiliency & preparedness

Public Safety Canada's Emergency Preparedness Week, May 3–9, reminds Canadians to take measures to better protect themselves and their families during emergencies. In the built environment, that can mean disaster preparedness and a more healthy home, with improved air quality, durability—all addressed in our green building programs.

As we sit in a global pandemic and climate change, emergency preparedness and a focus on building healthier, more environmentally homes becomes ever more important. In recognition, we used our channels to support and promote Emergency Preparedness Week and bring awareness to specific avenues for builders and homeowners to address these problems—our sustainable building programs, which include resiliency checklist items, alongside pathways to building healthier, more resource-efficient homes.

Featured Tweet



Waste Management & Reduction – Virtual CWMA Conference

While everyone has had to adjust course over the last few months, the building industry—alongside all levels of government and non-government organizations—continues to work to better address waste management and reduction, a critical piece of green building and one of the sections of our BUILT GREEN® building programs.

On October 7 – 8, Coast Waste Management Association (CWMA) will, for the first time, hold their annual conference virtually, continuing to allow learning and networking opportunities, with pre-recorded and on-demand events, discussion groups, chat rooms, and more.

2020 Topics Include:

- Disposing the Throwaway Culture
- Rethinking Retail & Packaging
- Plastics: Reuse it or Lose it?
- Recycling End Markets
- Circular Economy: Commitment in Action
- EPR: Past, Present, and Future

CWMA announced a great line-up of speakers, including Cinci Csere and Chris Arkell from [Sea to Sky Removal](#), BUILT GREEN® Supporting Member. An award-winning waste management company, Sea to Sky maximizes diversion by meticulously separating recyclables and reusable items from garbage. First, they send materials to recycling centers and local non-profit organizations, and last, to landfill. They'll be speaking on the Disposing the Throwaway Culture panel.

Spending 25 years connecting leaders in waste management, CWMA enables them to share knowledge and inspire solutions. Their annual conference is an industry and networking event on Vancouver Island, though with COVID measures, it's just become more accessible to professionals across the country. [Registration is open.](#)

Three High Density Certifications Awarded

This quarter saw three high density projects successfully complete the audit process. These projects met compliance requirements for energy performance in Energy & Envelope, alongside Built Green's requirements in the other sections of our certification: Materials & Methods, Indoor Air Quality, Ventilation, Waste Management, Water Conservation, and Business Practices.

Congratulations to all our builders—along with their BUILT GREEN® High Density Verifiers, who include: Emma Conway, [E3 Eco Group Inc](#) and Roger Chayer, Talus Green Building Consulting.

The Chord by ARYZE Developments

A solar powered, contemporary styled building in Victoria, The Chord features 27 spacious studio, one-, and two-bedroom homes. Designed by LHRA and built by [ARYZE Developments](#), it has modern décor and thoughtful, more environmentally friendly design features.



Photo courtesy of ARYZE Developments.

These include Energy Star appliances; durable, exposed concrete floors; low- to no-VOC materials; a central recycling station; water-saving features like toilets, faucets, clothes washer, and dishwasher—and more. Meanwhile, large patios and

decks are included with all units, alongside on-site parking (including electric vehicle plug-ins) and secure interior bike storage.

This is the first ARYZE project to go through Built Green Canada's High Density program, and came out strong with BUILT GREEN® Gold. The BUILT GREEN® High Density Verifier on this project Roger Chayer, Talus Green Building Consulting.

Beachborough by Texor Homes Inc.

This new residential and commercial development at Nichol and North Bluff Roads offers condo options in a building built with the west coast balance in mind; Texor Homes' 51 unit condo building boasts luxury living in West White Rock, BC, with large balconies and spacious garden patios—all sitting just four blocks from the beach at Marine.

Beachborough's standard features include a full complement of pro-style appliances with gas cooktops, laminate wood-patterned wide plank flooring, and quartz counters in kitchens and all bathrooms. It's one-level living at its finest, in a concrete and wood-frame.

While [Texor Homes](#) have put through many townhomes through our Single Family program, this is their first to go through the High Density program, starting out at BUILT GREEN® Silver, with impressive



Photo courtesy of Texor Homes.

points earned in Energy and Envelope Systems and Indoor Air Quality. The BUILT GREEN® High Density Verifier on this project was Emma Conway, E3 Eco Group Inc.

The 881 by Kang and Gill Construction Ltd.

The 881 at Uptown is a condo building with open, spacious design and clean lines, built by [Kang and Gill Construction Ltd.](#) and designed by KOKA Architecture + Design Inc. for modern luxury and sustainability. It also has a walk score of 91 for its proximity to parks, walking trails, Uptown and Mayfair shopping.



Photo: Kang and Gill Construction.

It has followed a holistic approach, to address a range of green building areas—including features for a more energy efficient home, such as low-E, argon filled, and double glazed thermal windows, energy-efficient appliances, programmable thermostats, and a centralized VRF heating and cooling system; features for improved air quality, like low-emission paint, sealants, and adhesives; alongside features for water conservation, like low-flow faucets, and dual flush toilets—all topped off with great comfort and responsible living features, like a special enhanced soundproofing between floors, common rooftop garden plots, a recycling collection room, and electric car charging stations, and secure bike storage—among many other features.

The 881 earned impressive points, particularly in Energy and Envelope, Materials and Methods, and Business Practices. This BUILT GREEN® Gold certified building is the second Kang and Gill project to go through our High Density program, with another under development. The BUILT GREEN® High Density Verifier on this project Roger Chayer, Talus Green Building Consulting.

Featured Tweet



Joanne Sawatzky @sawatzky_joanne · Jun 19

On-site at West Wind co-housing for Campbell Construction's first pre-drywall Built Green verifier inspection. Great job team. @light_house_org @BuiltGreenCan



Industry Awards During COVID-19

Builders' achievements aren't going unnoticed



To avoid cancellation during COVID-19, a number of industry awards have went to livestream during the second quarter of 2020, including Homebuilders Association Vancouver's [HAVAN Awards for Housing Excellence](#), CHBA Nationals' [Awards for Housing Excellence](#), CHBA Vancouver Island's [VIBE Awards](#), BILD Central Alberta's [Awards of Excellence](#), and London HBA's [Awards of Creative Excellence](#) have been moved to fall, again, to take place through livestream.

In these uncertain times, builders' achievements have not gone unnoticed. We want to acknowledge all those building to a higher standard—and to the associations that work to highlight their work and provide ongoing learning opportunities.

Breakdown of Single Family Certification Levels for Q2

- Bronze: 22%
- Silver: 24%
- Gold: 51%
- Platinum: 3%

Platinum Certifications



Congratulations to all those who achieved Platinum certification on their single family or renovation projects in Q2:

baukultur/ca Incorporated, Toronto (2), Citta Construction Ltd, North Saanich (1), Effect Home Builders Ltd., Edmonton (1), DS Murphy Contracting Ltd., Victoria (1), Landmark Homes, Edmonton (3), Legacy Signature Homes Inc., Edmonton (1), TRF Woodcrafts Ltd., Campbell River (1), Tye Homes, Kimberley (3), White Eagle Homes Ltd., Edmonton (1)

For achieving BUILT GREEN® Platinum and Net Zero on their project, a special shout-out and congratulations to Effect Homes Ltd!

Net Zero Complementary to BUILT GREEN® Platinum

We see a number of BUILT GREEN® Platinum / Net Zero homes. Net Zero is complementary to Built Green, given we address energy and then go beyond to other critical areas of sustainable building for a holistic approach.

This speaks to the success of our programs, which support builders in building better, and through our four levels of certification, allow for builders at varying stages to progress and increase the environmental performance of their builds.

Featured Tweet



Bob Deeks @RDCFineHomes · May 3
Learn about building your next home to the @BuiltGreenCan standard. Homes are awarded a bronze, silver, gold or platinum certification based on energy systems, materials, water conservation + other aspects building.

ow.ly/cwdq50zvwnK

#RDCFineHomes #BuiltGreenCanada



Our Supporting Members Help Builders

Supporting members are responsible for products and services for the residential building industry. They have similar goals to our builders and are required to meet membership criteria to be part of our community. Be sure to make mutually beneficial connections!

Energy Advised

With building code changes and increased emphasis on energy efficiency, the role of Energy Advisors and professional engineers who specialize in building performance has become ever more important. Experts in energy efficiency, they're licensed by Natural Resources Canada to deliver the EnerGuide Rating System—a key component of our Single Family and Single Family Renovation programs.

These are professionals who have honed strong energy advising skills through years of related practice, and their role is invaluable for increased performance of a building.

For this quarter, we wanted to profile the Canadian Association of Consulting Energy Advisors, and in our upcoming newsletters, we will profile some of their members.

Canadian Association of Consulting Energy Advisors

The Canadian Association of Consulting Energy Advisors (CACEA) was founded in 2017 to support a sustainable profession of successful and credible Canadian energy advisors. CACEA is committed to working with the building and energy community and facilitating opportunities to enhance the energy advisors' profile, contribution, and impact to the these sectors.



Cindy Gareau, ED at CACEA

Energy Advisors play a pivotal role, interfacing with service providers and manufactures, builders, renovators, different orders of governments, utilities, building officials, homeowners, and more. They perform necessary third-party inspections, tests, and energy modelling to verify compliance with home labeling programs such as BUILT GREEN®, EnerGuide, ENERGY STAR® for New Homes Program, and R-2000—work that is also recognized in building codes across the country. In addition, they are a valued partner and resource, recognized for their expertise in building science, the building envelope, as well as performance and compliance pathways.

CACEA is focused on seeking ways to represent and uphold the profession through collaboration and strategic partnerships, peer support, and educational opportunities. The association is increasingly engaged in discussions with a broad variety of stakeholders, including participating on several influential committees and councils. Further, CACEA and its members are sought out for their support, expertise, and input on specific issues, projects, research, and programs.

Membership is growing exponentially, with representation across Canada and includes energy advisors, suppliers, stakeholders and allies, and those in the process of becoming registered EAs with Natural Resources Canada. Through CACEA, members receive knowledge, a strong and supportive network, and the opportunity to influence change by being part of the conversation with key industry and regulatory stakeholders.

For more information visit the CACEA website www.caceea.ca or contact Cindy Gareau, Executive Director by telephone at 1.888.315.2774 or by email at manager@caceea.ca.

PROGRAM UPDATES

Multi-Unit Residential Building: % LTRH Recalculated

MURB projects will continue to go through our Single Family program; however, our current calculation for the percentage lower than reference house deducts the baseload (25.62) based on one unit. Based on the EnerGuide (V 15.8), any single family building with a secondary unit should be modelled as a multi-unit whole building, and so, the baseloads change based on the number of units.

As such, our single family checklist has been updated for MURB projects and now provides an input for the number of units, which allows the baseload calculations to be adjusted accordingly.

If you would like a copy of the Single Family MURB Checklist, please email us.

Multi-Unit Residential Building (MURB) defined: a building comprised of a common entrance and separate units that are also known as apartments constructed for dwelling purposes. Multi-Unit Residential Buildings must have one primary exterior door access, with each of the apartments connected by an interior door.

A shout out to Amir at Enersaver Solutions Inc. for working through this with us.

New Programs Set to Launch

We've been working on developing new programs as the demand for healthier, more sustainable homes continues to increase. This is being done with industry collaboration and stakeholder input. Over the next several months, we will be rolling out a Communities program as well as a reimagined Single Family Renovations program. These programs will maintain Built Green's key principles of a holistic approach that is affordable and achievable, while supporting our mission to contribute to the progression of the residential building industry. As these roll out, there will be a pilot phase period to allow for further industry feedback.

Reminder: we welcome input to our programs and maintain that it is industry participation and collaboration, alongside stakeholder involvement, that keeps our programs relevant.

2020 Single Family Project Verifications

As a component of our quality assurance process, a random selection of projects undergo our Single Family Verification process on "visibly inspectible" items, conducted by the Energy Advisor at the time of the blower door test. This is an additional verification step to increase the rigour of the BUILT GREEN® certification process; it adds another level of credibility to the program, and by extension, BUILT GREEN® home certification—all of this, adding to the marketability of your product.

Verification submissions were well up this quarter; thank you to all the Energy Advisors who have diligently followed up. If you have questions, please contact our office.

Incentives and Rebates

These are available across the country and vary based on project type (single family, renovation, and high density). Find details [here](#).

Automatic 15% Mortgage Insurance Rebate on BUILT GREEN® Single Family Projects



Buying sustainable homes offers savings, making them even more affordable for homebuyers. Single family new homes certified through Built Green Canada are automatically eligible for a partial mortgage loan insurance premium refund of 15%—ask us for your certificate.

Canada Mortgage & Housing Corporation, Genworth Canada, Canada Guaranty Mortgage Insurance Company, and others offer a premium mortgage insurance refund of 15% to borrowers who either buy or build through Built Green Canada.

For more information, visit the [CMHC Green Home Program / Genworth Canada's Energy-Efficient Housing Program / Energy-Efficient Advantage Program](#) and more.

We Can Support Your Sustainability Goals & Requirements

A BUILT GREEN® home offers assurance that a new or newly-renovated home checks all the boxes on sustainability. If you're a builder wondering how you can benefit from the broader shift to high-performance building without breaking the bank, consider [joining our crew](#). We'll save you a spot.

BUILT GREEN® builders have been delivering more sustainable homes all along. If you're part of a municipality looking for ways to support your climate mitigation strategies, as well as support builders in your area, Built Green Canada can help—let us know.

Hear what some of our builders say about our programs [here](#).

Training Opportunities

We believe training is essential. One requirement for builder membership is that training is taken every two years; points may be earned on our checklist for doing so. We offer several options:

BUILT GREEN® Program Fundamentals - online
\$150 for members / \$250 for non-members

This fundamentals course is a requirement for new builders and focuses on the fundamental aspects of the program. 3 CPD points through BC Housing and Master Building training credits through Professional Home Builders Institute. *We also strongly recommend building science training as a natural progression.*

Construction Technology for BUILT GREEN® - online
\$276.50 for BUILT GREEN® members* / \$395 for non-members

An excellent *building science course* offered by Blue House Energy. 20 CPD Points through BC Housing and Master Building training credits through Professional Home Builders Institute.

And, we recognize Building Science for New Homes training available through Service Organizations licensed through Natural Resources Canada as well as other training providers.

PRODUCT CATALOGUE CONNECTION

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 Canada, giving builders peace of mind and saving them time sourcing materials. Our programs are based on checklists that guide our builders to achieving BUILT GREEN® home certification, and those materials in our catalogue are tied to specific checklist items.

Below, our featured Product Catalogue contributors are listed with their BUILT GREEN® approved products. If used in your BUILT GREEN® project, these products can help earn checklist points.

AeroBarrier

Earning checklist points in Indoor Air Quality

- AeroBarrier is an aerosol-applied, waterborne acrylic designed to seal the building envelope. AeroBarrier is a vapor open air barrier designed to control the flow of air through the building envelope, while allowing water vapor to pass through. It can be applied as soon as the building envelope can be pressurized—from building rough-in to finished spaces. AeroBarrier is used in conjunction with other building products to provide a comprehensive air barrier system. (3.9)

K2 Stone Quarries

Earning checklist points in Materials & Methods, Business Practices

- Ocean Pearl Natural Stone is a long lasting, durable, and natural product. It's quarried locally in Port Renfrew and processed in Nanaimo. Building products consist of thinstone veneer, full bed ledgerstone, and capping. Landscape products consist of flagstone, cobbles, wallstone, and others. (2.2.11, 2.3.5, 2.3.9, and in some cases 7.6)

Stonetile (Canada) Ltd.

Earning checklist points in Materials & Methods

- Concrete exterior cladding (siding) tile, mechanically fastened, has built-in 10 mm rainscreen airspace. Rainscreen hangers are imbedded into the tiles and are part of the tiles. They are attached with screws to 3/8" wall sheathing. Joints are filled with non-combustible Urethane caulking and coated with dust free sand. Stonetile has a CCMC # 12886-R. (2.3.4)

Watercycles Energy Recovery Inc.

Earning checklist points in Energy & Envelope

- Increase the energy efficiency of new homes with a drain water heat recovery (DWHR) unit. The Watercycle reduces the cost of hot water heating and doubles the output of a hot water heater. (1.3.10)

Aprilaire

Earning checklist points in Ventilation

- The Aprilaire Model 400 Whole-House Humidifier features a built-in bypass damper and utilizes evaporative technology to minimize water use. Gravity pulls water down, while the wicking action of the Water Panel® draws it back to the top, using 100% of the water delivered to the unit.

Lafarge Canada

Earning checklist points in Materials & Methods

- Lafarge Ultragreen™, General Use, Ultragreen Plus, and UltraSustainability concrete lines use by-products from other manufacturing industry such as fly ash and slag, at a 50% (70% in Ultragreen Plus) cement replacement. This reduces the overall environmental impact of these industry waste by-products, and reduces the overall carbon footprint of the concrete. Lafarge utilizes Portland Limestone Cement, which results in a 10% reduction in carbon dioxide emissions as compared to regular portland general-use cement. (2.1.8, 2.2.4)

Ultimate Vent

Earning checklist points in Indoor Air Quality

- Ultimate Vent, a pre-filtering furnace fresh air intake vent that enhances the furnace system and provides the builder with a more economical and effective way for less maintenance, fewer complaints, fewer furnace problems, better efficiency, and another opportunity to affect long-term, indoor air quality.

Tremco Barrier Solutions

Earning checklist points in Materials & Methods

- Watchdog Waterproofing is a cold applied, polymer modified, asphalt emulsion (water-based). It's spray applied, by certified contractors only, to provide an elastomeric waterproofing membrane to the exterior of foundation walls. Watchdog, with water being the primary carrier, can be successfully applied year round. (2.3.2)

Nudura® Insulated Concrete Form

Earning checklist points in Energy & Envelope

- The Nudura® Insulated Concrete Form is the builder's block. It's the largest ICF in the industry at 8' long by 18" high. Nudura® folds flat, which means cheaper shipping and more room on the job site. Nuduras' Duralok technology allows the ICF webs to lock together vertically. (1.1.3, 1.1.4)

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