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LEEP LOCAL ENERGY EFFICIENCY PARTNERSHIPS FOR RENOVATION FORUM

A Comprehensive Technical Event on Energy and Carbon Efficient Renovations

Delivered in partnership with:



BC HOUSING
RESEARCH CENTRE



Date: September 29th, 2022 (8:00AM – 4:30PM)

7 CPD Credits

Location: Delta Marriot Burnaby Conference Centre & Virtually through BC Housing

Objective of this Forum: Reduce your **time** and **risk** in identifying, refining, and selecting innovations that can improve the energy and carbon performance of the homes you renovate.

This Forum will bring technical experts, manufacturers, installers, renovators, and building owners together to review the business case, best practices, and technical solutions available through the local supply chain, for energy and carbon efficient deep renovations. Content will focus on:

- Mechanical system design and performance considerations
- Envelope renovation systems building science, durability, and resilience
- Renewables and battery storage

You will:

- Hear from a group of renovators in your region on why they chose to set these specific envelope and mechanical challenges for manufacturers.
- Compare how manufacturers respond with their best practice solutions and costing for the same home renovation project. (Let's you compare on an 'apples to apples' basis.)
- Decide which approaches you would recommend to potential clients and consider how you want to enhance your renovation practices.

COST:
Member: \$99+gst
Non Member: \$250
Students: free
On-line through BC Housing: \$120

REGISTER: [In person link](#) or [Virtual link](#)

SUPPORTED BY:



CANADIAN
HOME BUILDERS' ASSOCIATION
BRITISH COLUMBIA



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HAVAN



BC Hydro
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CITY OF
VANCOUVER

Canada

September 29th 2022



REGISTRATION AND REFRESHMENTS (8:00 - 8:30 am)

Welcome – Local HBA & BC Housing

Plan for Today – Patric Langevin, LEEP Team Facilitator

Climate Resilient Considerations for Retrofits in BC– Lisa Westerhoff, Integral Group on behalf of BC Housing

MECHANICAL AND RENEWABLE SYSTEMS

The renovators challenge to manufacturers

Renovator Champion, TBD

Mechanicals best practices for renovation

Rob Pope, Ecolighten Energy

COFFEE BREAK

Heat Pump System*

Varun Juneja, Mitsubishi

Heat Pump System*

Len Cafrà, Carrier

Photovoltaics and battery storage*

Ben Giudicci, Riverside Energy

LUNCH

EXTERIOR INSULATED RENOVATION SYSTEMS

Exploring a local example

Bob Deeks, RDC Fine Homes

Optimizing home performance for future climate

Lucas Coletta, LEEP Team CBAT Technical Lead

The renovators challenge to manufacturers

Renovator Champion, TBD

Retrofit walls – Thermal performance, resilience, durability

Graham Finch, RDH Building Science

COFFEE BREAK

Pre-Fabricated Carbon Storing Systems*

Peter Amerongen - Butterwick Construction, Chris Hill - BCollective, Graham Finch - RDH

Mineral Wool System*

Omar Halawani, RockWool

EPS System*

Lyle Hamilton, Halo/Beaver Plastics

WRAP-UP AND NEXT STEPS - Patric Langevin, LEEP Team Facilitator

* Costed best practice presentations - all for same case study home

SPACE IS LIMITED

Forum Development: This event was developed by Natural Resources Canada's (NRCan's) LEEP team in partnership with the BC Housing. NRCan's LEEP program is a builder and renovator driven technology to market initiative delivered by NRCan's CanmetENERGY. To find out more, web search: [nrcan leep](https://www.nrcan.ca/leep).

Contributions: We would like to thank HAVAN and the City of Vancouver for hosting and supporting the delivery of this event. Participant fees cover local HBA administration to run in-person events, fees for virtual delivery help cover the cost of digital production.



Registration Information and Logistics

REGISTER: In person [Click here to register](#)

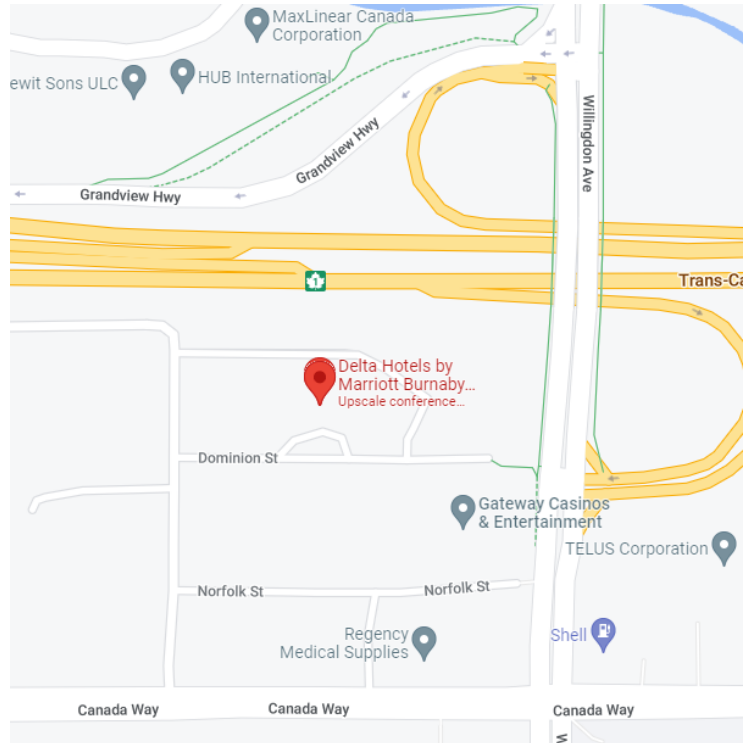
Virtual [Click here to register](#)

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REMINDER: Invite your designers and framing and mechanical contractors to register for the sessions of most interest to them.

LOCATION: Delta Burnaby Hotel and Conference Centre
4331 Dominion St, Burnaby, BC V5G 1C7
September 22, 2022 from 8:00 am to 4:30 pm
(<https://goo.gl/maps/bScNQgBHKTZdcAM67>)

SPACE IS LIMITED



NRCan thanks our provincial delivery partner **BC Housing** and our regional partners the **HAVAN, the City of Vancouver** for administering, hosting, and providing hospitality for this event.