

Smart Sustainable Resilient Infrastructure Association

Alberta Energy Efficiency Summit 2021
May 18-19



SSRIA

SMART SUSTAINABLE RESILIENT
INFRASTRUCTURE ASSOCIATION

Smart Sustainable Resilient Infrastructure Association (SSRIA)

We will accelerate the adoption of innovative low-carbon solutions for buildings. Our collaborative approach and industry-led solutions will demonstrate Canadian leadership and drive economic development.



What is Innovation to SSRIA?

Innovation is new. Not mainstream. A change to how the AEC industry traditionally designs, engineers, constructs and manages building operations. But innovation is still practical, commercially viable and makes an **impact**.

GREEN BUILDING TECHNOLOGY NETWORK (GBTN)

A path to market transformation



COLLABORATION



Teams that represent various fields in the industry working and learning together, finding new partnership opportunities

TEST-BED PROJECTS



Test and validate innovative solutions to improve building energy performance, gather and share real results

BUSINESS GROWTH PROGRAM



Support for innovators and solution makers to prepare for increased demand and market expansion

FUTURESKILLS



Preparing the existing and future workforce to work with new tech, products and processes

BUSINESS GROWTH PROGRAM

*“ The in-depth outside view of our company was of significant value to me. As an owner operator, **immersion in the daily aspects of the business was clouding my view of the essentials to moving forwards**, always putting out fires rather than keeping them from starting. On top of the clarity that was provided to current operations, the experience of my BGP representative provided meaningful information and access to aspects (licensing, distribution, MRP systems) and planning to expand our operations in the immediate and mid term timelines. Well worth the time and cost.”*

- Mark



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TEST-BED PROJECTS

Energy and CO2

Demonstrate Energy Use and GHG emissions reductions from operational efficiency and embodied carbon with potential to replicate in other buildings

Collaboration

Representation from various fields of expertise to support learning potential and widespread adoption.



Innovation

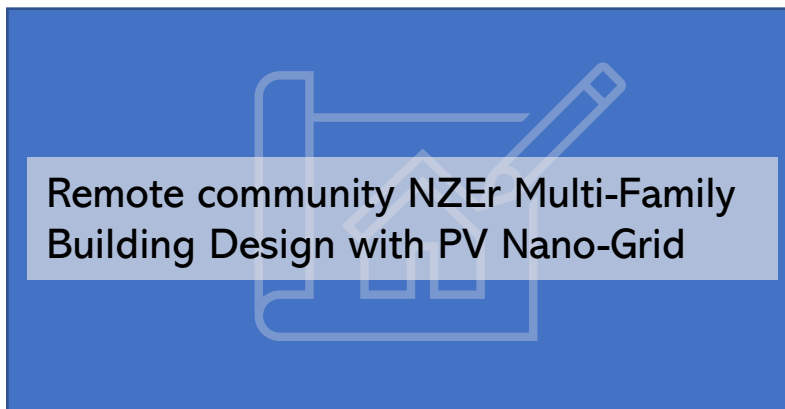
Includes technology, products and processes that have the potential to make an impact but requires data or validation in a local context for widespread adoption.

Capture and Share

Detailed monitoring and measurement of the project and sharing of collecting data and project learnings.



Residential
Multi-Family



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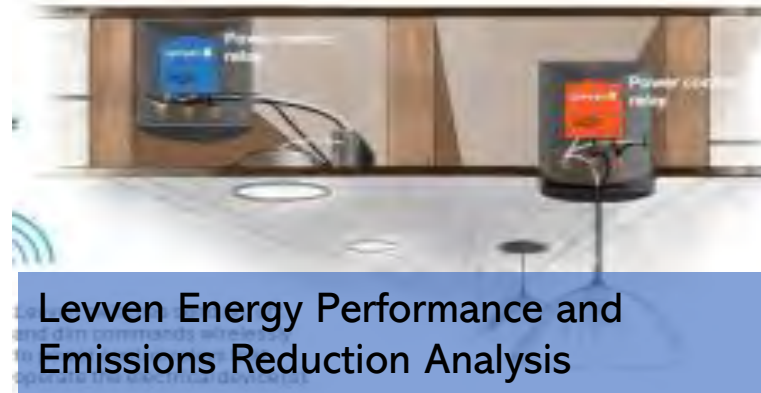
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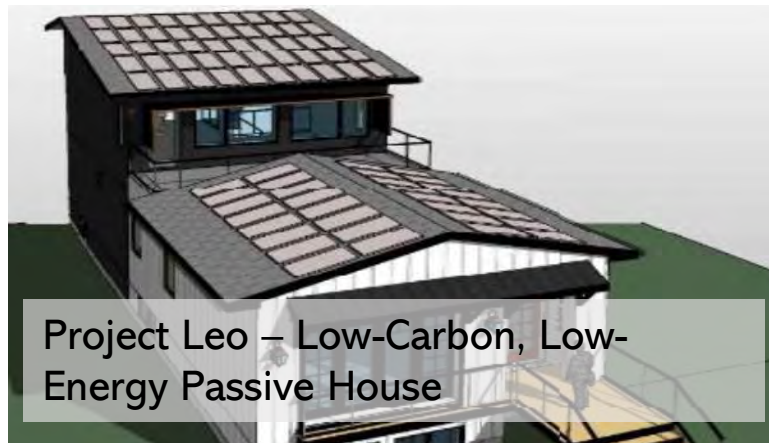
Residential
Single Family



Deep Energy Retrofit of Three Residential Single Detached Homes



Leven Energy Performance and Emissions Reduction Analysis



Project Leo – Low-Carbon, Low-Energy Passive House



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Commercial
New





Commercial
Retrofit



FUTURESKILLS PROJECTS



COMING SOON!

4th funding round opening this week for
FutureSkills and Test-Bed Projects

Focus Areas:

- Commercial projects
- Technology or Product specific
- Shovel-ready implementation
- Retrofit solutions that maximize GHG reductions
- Processes not currently included in an SSRIA project



Contact Us

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