



Spring 2022

Global Innovation Award Winners

The winners of the 2021 [Global Innovation Awards](#) were featured at [The Nationals](#) award ceremony, a black-tie event the evening of Feb. 8 at the 2022 International Builders' Show in Orlando.

2021 Global Innovation Award Winners

International Home of the Year

Round Prairie Elders' Lodge

[Big Block Construction](#) – Saskatoon, Canada



Building Material & Construction Component

Hardie® Textured Panels

[James Hardie](#) – Chicago

Judges Special Award

Hüga Technology

[GRANDIO](#) – Córdoba, Argentina

Research and Global

Joseph Lstiburek

[Building Science Corporation](#) – Westford, MA

Read more about the 2021 GIA winners in [The Nationals Winners eBook](#)

GIA Winner Wants More Cross-Border Collaboration

NOTE: This article was excerpted from an interview with GIA winner Joe Lstiburek. [Read the full article.](#)

The “Dean of North American Building Science” thinks there is much that Europeans can learn from Americans about home building, and vice versa.



Joseph Lstiburek, Ph.D., P.Eng., ASHRAE Fellow, Principal, Building Science Corporation won the NAHB [Global Innovation Award](#) for Research and Global at the 2022 International Builders’ Show.

Although Lstiburek’s work is centered in the U.S. and Canada, his reputation as the “Dean of North American Building Science” has led to projects all over the world.

Lstiburek said many Europeans haven’t learned relevant lessons that would help them combat their own issues with stucco, air conditioning and frame buildings.

“The difference that the Europeans didn’t understand was that they built out of masonry – three to four layers of brick, and stucco on the outside,” he said. “Their stucco leaks, and the water gets reabsorbed into the brick. It is safely stored until it dries.

“With the transition to wood frame and insulation, things get wet that shouldn’t get wet, and stay wet longer,” he said. “The U.S. invented air conditioning; the Europeans are just figuring air conditioning out. They are learning the hard way that air conditioning draws water to the inside, since the moisture flow is from warm to cold.”

However, when it comes to retrofitting and rehabbing, Lstiburek said that Americans have a lot to learn from other countries. “The Brits and the Quebecois know more about old buildings than anybody else,” he said, due to the number of older, historic homes in their inventory.

Lstiburek attributes the U.S.’s relative success with building science to its climate diversity and mix of buildings. “We have everything from Fairbanks, Alaska to Miami, Florida – hot and humid to arctic and even sub arctic,” he said. “Because we have everything, we’ve had to learn fast and that’s what makes America so special.”

Lstiburek will join members for a free online conversation, Shop Talk: Building Techniques: Avoiding Leaks, on Tuesday, May 24, 2-3 p.m. ET. [Register for the meeting.](#)

NAHB Global Member Spotlight: BLD Homes (Canada)

[BLD Homes](#) (Brownlee Land Development), is a locally-owned home builder that offers a higher quality of living to the Canadian communities of Perth and Carleton Place/Beckwith outside Ottawa and surrounding areas.

BLD's focus is on building low maintenance, quality homes that will make homeowners' lives simpler and better. Their motto, "Living, Upgraded," is reflected in the modern materials and building practices used in construction.



The finishes in a BLD home include many features that other builders charge as upgrades, such as high caliber stone and Cement Fiber Board exterior siding, quartz countertops, luxury vinyl flooring and basement in-floor heating.

BLD also promotes sustainability by exclusively building with energy efficient ICF (insulated concrete form). ICF foundations are highly resilient, and energy and resource efficient, so homeowners save on utility costs and have a greener home that lasts a lifetime.

The BLD Homes team has been building quality homes in Lanark County, ON for over 12 years. As locals, they use their experience, connections and passion to make dream homes a reality – in the communities homeowners love. The firm has a strong team of local trades who work tirelessly to ensure each home is built to the highest standards.

NAHB News



[Construction Worker Wages Continue to Rise](#)

Pay for home building workers continues to grow in the U.S. and globally. See which U.S. states have the highest construction wages: [Read more](#).



[Shop Talk on Building Science and Avoiding Leaks - May 24](#)

Engage in a conversation with GIA winner and building science guru Joe Lstiburek on May 24, 2-3 p.m. ET.



Leading Trade Shows to be Held at the Same Time in 2023

The National Hardware Show will join IBS and KBIS in Las Vegas, Jan. 31-Feb. 2, 2023, expanding the exhibitor offerings for attendees next year.

Housing News From Around the Globe

- [UK-Singapore Joint Venture to Introduce Engineered Timber for Housing in India](#)
- [Unlocking Public Assets will Help Meet Housing Needs \(Australia\)](#)
- [Housing Co-ops Could Solve Canada's Housing Affordability Crisis](#)
- [Comparing Social Housing: 30 Projects from Countries Around the World](#)
- [The Top 10 Sustainable Home Design Trends](#)
- [How Face-Me-I-Face-You Homes Became a Way of Life in Lagos](#)

Global Membership Quick Tips

Webinars! Live Online Courses! On Demand Education! NAHB is accessible around the world and NAHB global members save on courses. [See the catalog of options.](#)

NAHB Global Membership connects you with the world's top builders, manufacturers, and suppliers. [Join Now!](#)

