

# Seeking Subject Matter Experts – SPRING 2026 Working Advisory Group

**March 4<sup>th</sup>, 2026**

As we reflect on an extraordinary year of growth, learning, and innovation, we're proud to share the milestones that have shaped our journey and laid the groundwork for what's ahead.

With funding by NRC/IRAP and Natural Resources Canada (NRCan) Deep Retrofit Accelerator Initiative (DRAI), we are accelerated the development of Canada's first Low Carbon Material and Retrofit technologies Platform—enhancing transparency, driving down compliance costs, and aligning with emerging policy frameworks across Canada and beyond.

**EcoSpex is a SaaS automated compliance tracking platform that digitizes, verifies, and standardizes sustainability and performance data, reducing the time-consuming review of manufactures documents from 60+ to 5 — ensuring faster compliance, lower costs, and reduced risk for developers, AEC, Interior Designers, professionals and manufacturers.**



Insulation	
Manufactured in 2000	
<b>Material Facts Passport</b>	
Declared unit : 1 m <sup>2</sup> of insulation with RSI = 1	
<b>Materials</b>	% by weight
Fiberglass	53%
Cullet, Sand, Borates, Soda Ash	47%
<b>Carbon Impact</b>	
Manufacturing (A1-A3)	10.33 kg Co2e
End of Life (C1-C4)	20.5 kg Co2e
Biogenic Carbon (A1-A3)	5.6 kg Co2e
<b>Circularity</b>	
Recycled Content	72%
Recyclable Content	95%
Take-Back-Service	YES
Ease of Disassembly	90%
<b>Water</b>	
Freshwater use (A1-A3)	132 L/and
Water Source Type	Processed water
<b>Health</b>	
Total VOC	10.5 ug/m3
REACH restricted substances list	Free
Other Hazardous Substances	Free
Fire Performance (ASTM E84 / UL 723 / CAN-ULC S102)	Class A
Abrasion / Durability	High Durability
<b>Certifications</b>	
BES 6001 Certification	
Cradle to Cradle Certified (Silver)	
Environmental Product Declaration (ISO 14025 and EN 15804)	
Health Product Declaration v2.3	
Generated by EcoSpex Inc. November 2025	

## Mandate

**The purposes of the Working Advisory Group (CAG) are to:**

- Enable advice and peer review from the AEC and development community to contribute insights, help shape current priorities and product development timelines, emerging features that can guide product features, standards alignment, and industry impact.
- Help mobilize our shared goal to support decarbonization within the construction sector.
- EcoSpex will implement a series of product releases, with scheduled launches planned for 2026 in a series of releases. After each release, we will gather user feedback and leverage these insights to

guide improvements and inform subsequent releases, ensuring ongoing support for the product's successful introduction to the market.

## Join Our Decarbonization + Materials Innovation Working Group

We're building a dynamic, solutions-driven working group focused on advancing low-carbon, water, proptech, cleantech, age friendly, healthy materials, retrofit equipment and technologies to support the built environment. As our platform evolves, we're looking for passionate experts, forward-thinking practitioners, and curious collaborators who want to help shape the future of sustainable construction.

**We're assembling a 2026 Working Group and are seeking subject matter experts to help shape the next phase of EcoSpex innovation in low-carbon materials, green and healthy automation of building standards, and digital solutions for the built environment.**

If you have expertise in areas such as:

- Sustainable materials & embodied carbon
- Circular economy & ESG transparency
- Building codes & green/healthy building standards (LEED, Passive House, Green Globes, CAGBC's Zero Carbon Building™ (ZCB), Toronto Green Standard (TGS), WELL, etc.)
- Specifying from other material platforms
- Knowledge on manufacturers certificates and other documentation requirement for projects
- Data integration & AI for construction
- Architecture, engineering, or construction workflows

*Whether you're in academia, industry, or policy—your voice matters. ...we'd love to collaborate with you. If you're experienced in sustainability, materials science, specification, policy, data, product development, or any part of the AEC ecosystem—and you're excited by cross-disciplinary collaboration—we'd love to hear from you.*

**Monthly meetings for 1.5 hours with intermittent emails and follow-up.** Whether you can contribute regularly or occasionally, your voice can make a difference. Let's build something meaningful—reach out to join the conversation.

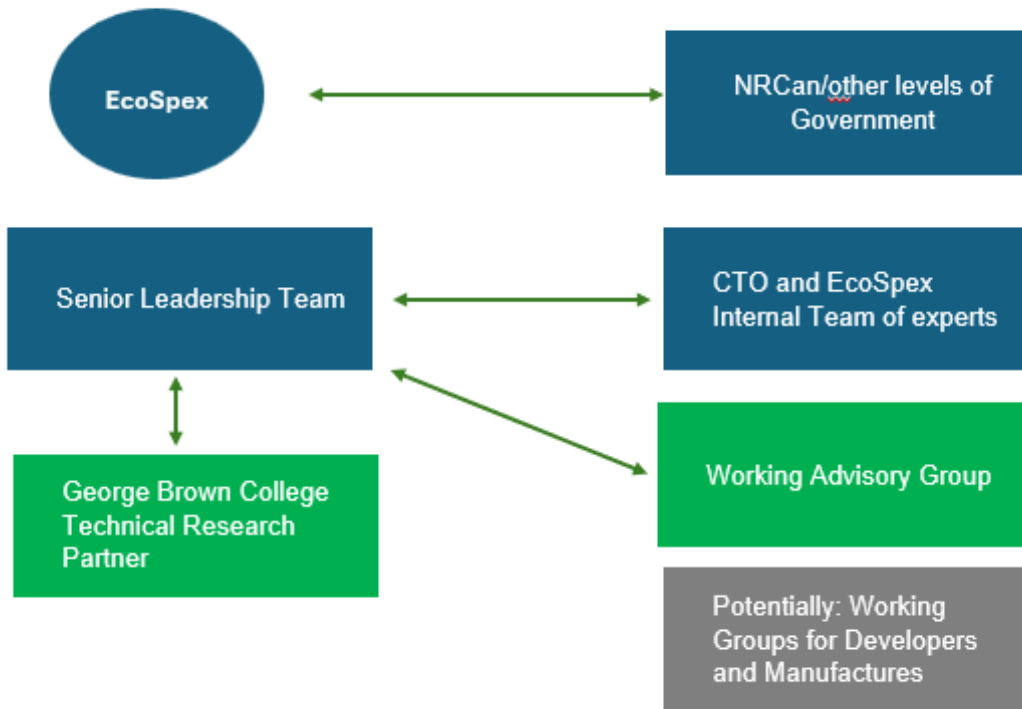
**Timelines:** The goal for the first CAG would commence in April 2026 and will run through to December 2026 with monthly meetings set up for the same time per month online.

**Please reach out to Julie Scarcella Founder of EcoSpex**

**Email:** [julie@ecospex.com](mailto:julie@ecospex.com)

**Cell:** 705 445-1256

**APPENDIX 1: Overview of EcoSpex Accountability and Management Framework  
(Program Governance and Delivery Model)**



**Role:**

- **Rating Program Automation**
  - EcoSpex has created a data development framework for LEEDv4.1 as our minimal viable product (MVP1)
  - Input to our current product development work and the technical aspects to support our automation and AI of Toronto Green Standard, LEEDv5, CaGBC's Zero Carbon Standard, Green Globes, BOMA, WELL (IWBI™), International Living Building Institute (ILFI), Fitwel, International Passivhaus Institute and BREEAM.
  
- **Dashboard features for Developers/Owners**
  - Provide insights on potential layout and features
  
- **Material Platform features for the AEC**
  - Provide insights to advanced search options, compare, save, filters and other aspects of the platform for materials. We have a long list of potential add on features the goal is shortlist the key ones for 2025 and 2026.
  
- **New technical features are getting considered**
  - We will highlight from Q4 2024 options and determine what should be a priority for 2025.
  
- **Insights on messaging, graphics, visuals, videos etc.**
  - Access collateral for the AEC, Developers and Manufacturers outreach