



On-line Technical Webinar – Wednesday, March 24, 2021

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**On-line Technical Webinar**

**12:00 (noon) to 1:00 pm**

## ***Improving Building Facades Through Over-cladding “An Engineering Perspective”***

As building codes are becoming more stringent and there is a societal shift to improve building energy performance and reduce our carbon footprint and greenhouse gas emissions, architects, engineers, manufacturers and builders are continuing to look for innovative design solutions to respond to these challenges. As we continue to evolve and advance our understanding of building design and construction techniques with a focus on improving building performance, we wonder whether our existing building stock is at risk of falling further behind and becoming obsolete. Façade over-cladding is a viable solution to address these issues while also providing improvements to overall building energy performance.

This presentation will focus on the existing building landscape and suitable candidates that could be considered for over-cladding renewal projects for mid to high-rise construction. The presentation will include high-level design requirements, component and system selection, and devilish details that should be considered when working with existing buildings. The presentation will also touch on plant review (QA/QC controls) for steel panel fabrication, some tips and tricks that should be considered when selecting steel panel cladding systems, and some sample case studies of over-cladding renewal projects completed in the Ottawa region.

**SPEAKER: Brian Langenberg** is a Senior Building Science Consultant and Project Manager within the Façade Engineering team at WSP Canada. Brian has over 20 years of experience in building envelope investigation, design and façade rehabilitation work. Brian also provides building envelope consulting support services, commissioning, and envelope performance verification/ testing for a variety of new construction projects, including residential, commercial, and institutional facilities.



Building Envelope Council Ottawa Region

Seminar fees	Premium Corporate	Individual and Corporate Members	Non-Members
Please Register By 12 Noon on Tuesday, March 23, 2021.	Free	\$20.00 (includes HST)	\$40.00 (includes HST)

**Email [librado@goldenplanners.ca](mailto:librado@goldenplanners.ca) to register on-line for this event**

This seminar is Eligible for 1.0 hours of Core ConEd Credits  
for OAA Members

Whether a BECOR member or not, you must register to attend this seminar.

We respectfully request that you register for this seminar no later than

**Tuesday, March 23, 2021 at 12 noon.**