2025 Ontario Embodied Carbon Awards Application Form

Project Categories

Please complete this form to apply for the 2025 Ontario Embodied Carbon awards. During the review process, the judges may reach out if additional information is needed.
Note that multiple submissions or projects from the same organization or individual are acceptable. Please note that while we are Ontario-based, project submissions from across Canada are welcome from provinces or territories where there are no relevant local embodied carbon awards programs to participate in. Organizational and Public Sector applicants, as well as applicants to the Innovation Award must be located within Ontario.
All questions may be directed to info@clftoronto.com
*Please note, if you are having issues with the attachment upload within the submission form, please send your attachments by email to info@clftoronto.com and indicate the submission name in the email.

Submission Name *

Short, catchy title of the project or submission as it will appear in our communications materials. For projects, please write the project name or address as applicable.

Award Category (Select One) *

- ◯ New Construction: Large Buildings (Part 3)
- ◯ New Construction: Small Buildings (Part 9)
- ◯ Retrofits & Reuse
- ◯ Emerging Scopes

Submission Overview *

Please provide a brief summary of your project/submission. If a winner, this blurb will be featured on our website. For projects, please include the Embodied Carbon Intensity, any significant carbon reduction measures or innovative features.

Submission Team *

Project Applications

Please include the names of any individuals or organizations you would like recognized, along with their role.

Only Applicable for New Construction (Large and Small), Retrofit & Re-use Categories

FOR ALL SUBMISSIONS:
The LCA should be carried out on construction drawings, but projects do not need to be completed (constructed) at the time of application. Applicants are encouraged to reference the National Research Council National Whole-Building Life Cycle Assessment Practitioner's Guide for information on conducting a wbLCA.
If embodied carbon impacts associated with biogenic carbon are calculated, the results shall be reported separately and shall not be included in demonstration of the embodied carbon total and intensity values.

LARGE BUILDINGS:
For Part 3 buildings, a whole building LCA (wbLCA) is required and results must be reported using the following requirements:

- Include all structural and building envelope components
- Consider life cycle phases A1-C4
- Assume a 60-year life-span

SMALL BUILDINGS:
Part 9 projects may either complete a wbLCA, or teams may calculate the material use intensity (life cycle phases A1-A3) using BEAM, or other comparable method. There will be an opportunity to describe the inclusions and methodology.

RETROFITS & REUSE:
Please provide the best information available. There will be an opportunity to describe the inclusions and methodology.

DEFINITIONS:
Gross Floor Area (GFA); The measure of fully-enclosed spaces to the outside face of enclosing walls, without deductions in area for interior walls, columns, and floor openings such as stairwells, elevators, ducts, or other openings, but excludes attached garages.
Built Floor Area (BFA); The gross floor area with the addition of the gross floor area of attached garages (refer to definitions of gross floor area and attached garages). Note that the floor area attributed to balconies and terraces is excluded from this definition.
All questions may be directed to info@clftoronto.com

Project Address *

Street Address

Street Address Line 2

City State / Province

Describe ways that this project has reduced embodied carbon and the process that the project team undertook to achieve these results: *

Include specific details of the estimated embodied carbon reduction achieved (kg CO2e) and provide details of the baseline that this project is being compared with.

Postal / Zip Code

Describe the overall sustainability approach and identify if any certifications have been achieved or targeted: *

Explain how the team used EPDs to inform LCA or reduction strategies: *

If possible, include how many EPDs were used, how they were verified, and if possible, the distribution between product-specific vs. industry-wide, etc.

Please describe any innovative materials or unique design/construction approaches utilized on the project: *

Bonus: tell us the story of how these design choices were made, and what other options were considered.

Embodied Carbon Calculation

Calculation Software *

Report Embodied Carbon Results:

	Result
Gross Floor Area (GFA) (m2)	
Built Floor Area (BFA) (m2)	
Total Embodied Carbon (kg CO2e)	
Embodied Carbon Intensity (Total EC/BFA) (kg CO2e/m2)	

GFA Breakdown for Use Types

Additional Embodied Carbon Results (Optional):

	Result
Impacts beyond Building Life (Module D - Including Biogenic Carbon & Carbonation) (kg CO2e)	
Refrigerant Leakage & End of Life (kg CO2e)	

If carbon sequestration/carbonation/biogenic carbon and/or refrigerant leakage & end of life was reported, please outline the calculation assumptions and include total embodied carbon with and without carbon sequestration here (Optional):

Did the project consider embodied emissions related to additional scope categories such as mechanical, electrical, interior components, or landscape/hardscape? *

- ○ Yes
- ○ No

Supporting Documents

Please upload additional documents here. Additional documentation can include photos, reports, product specifications, etc.

Supplemental Questions: Small Buildings

Only Applicable for Small Buildings

Please confirm the lifecycle stages included in the embodied carbon calculation *

- ☐ A1-A3 Raw Material Supply
- ☐ A4 Transport
- ☐ A5 Construction Installation Process
- ☐ B1-B5 Use Stage
- ☐ B6 Operational Energy Use (Optional - Reporting Separately)
- ☐ B7 Operational Water Use (Optional - Reporting Separately)
- ☐ C1-C4 End of Life Stage
- ☐ D Beyond the Life Cycle Stage (Optional - Reporting Separately)

Please comment on the reasoning for the scope selection. Note if the scope selection is based on an existing certification program or guidance document e.g. BEAM software used, ZCB Standard, LEED, NRC Guidance *

Please confirm components included in the scope of the LCA assessment *

- ☐ Standard Foundations
- ☐ Special Foundations
- ☐ Walls for Subgrade Enclosures
- ☐ Standard Slabs-on-Grade
- ☐ Structural Slabs-on-Grade

- [ ] Building Subdrainage
- [ ] Floor Construction
- [ ] Roof Construction
- [ ] Stairs
- [ ] Exterior Walls
- [ ] Exterior Windows
- [ ] Exterior Balcony Railings
- [ ] Exterior Doors and Grilles
- [ ] Roofing
- [ ] Interior Partitions
- [ ] Interior Windows
- [ ] Interior Doors
- [ ] Raised Floor Construction
- [ ] Suspended Ceiling Construction
- [ ] Interior Specialities
- [ ] Wall Finishes
- [ ] Interior Fabrications
- [ ] Flooring
- [ ] Stair Finishes
- [ ] Ceiling Finishes
- [ ] Conveying
- [ ] Plumbing
- [ ] HVAC
- [ ] Fire Protection
- [ ] Electrical
- [ ] Communications
- [ ] Electronic Safety and Security
- [ ] Integrated Automation
- [ ] Other

If "Other" is selected above, please state what component is included

Supplemental Questions: Retrofits & Reuse

Only Applicable for Retrofits & Reuse

Please confirm the lifecycle stages included in the embodied carbon calculation *

- [ ] A1-A3 Raw Material Supply
- [ ] A4 Transport
- [ ] A5 Construction Installation Process

B1-B5 Use Stage

- [ ] B6 Operational Energy Use (Optional - Reporting Separately)
- [ ] B7 Operational Water Use (Optional - Reporting Separately)
- [ ] C1-C4 End of Life Stage
- [ ] D Beyond the Life Cycle Stage (Optional - Reporting Separately)

Please comment on the reasoning for the scope selection. Note if the scope selection is based on an existing certification program or guidance document e.g. BEAM software used, ZCB Standard, LEED, NRC Guidance *

Please confirm components included in the scope of the LCA assessment *

- [ ] Standard Foundations
- [ ] Special Foundations
- [ ] Walls for Subgrade Enclosures
- [ ] Standard Slabs-on-Grade
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- [ ] Building Subdrainage
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- [ ] Wall Finishes
- [ ] Interior Fabrications
- [ ] Flooring
- [ ] Stair Finishes
- [ ] Ceiling Finishes
- [ ] Conveying
- [ ] Plumbing

- [ ] Fire Protection
- [ ] Electrical
- [ ] Communications
- [ ] Electronic Safety and Security
- [ ] Integrated Automation
- [ ] Other

If "Other" is selected above, please state what component is included:

Describe and quantify the % of the original building structure or envelope retained or reused: *

Rough estimate. Please clarify the basis of the calculation (%-floor area, %-mass, etc.)

Describe and quantify any operational carbon benefits as a result of the retrofit/reuse project:

GHGI savings are helpful: kg CO2e/m2-year

Emerging Scopes: M&E, Interiors, Landscape +

Only Applicable for Emerging Scopes

Project Address *

Street Address

Street Address Line 2

City Province

Report Embodied Carbon Results:

	Result
Boundary Area (m2)	
Total Embodied Carbon (kg CO2)	
Embodied Carbon Intensity (Total EC/BA) (kg CO2e/m2)	

Describe what is included in the Boundary Area:

Postal / Zip Code

Please confirm the lifecycle stages included in the embodied carbon calculation: *

- [ ] A1-A3 Raw Material Supply
- [ ] A4 Transport
- [ ] A5 Construction Installation Process
- [ ] B1-B5 Use Stage
- [ ] B6 Operational Energy Use (Optional - Reporting Separately)
- [ ] B7 Operational Water Use (Optional - Reporting Separately)
- [ ] C1-C4 End of Life Stage
- [ ] D Beyond the Life Cycle Stage (Optional - Reporting Separately)

Please confirm components included in the scope of the LCA assessment: *

- [ ] Foundations
- [ ] Walls for Subgrade Enclosures
- [ ] Slabs-on-Grade
- [ ] Building Subdrainage
- [ ] Floor Construction
- [ ] Roof Construction
- [ ] Stairs
- [ ] Exterior Walls
- [ ] Exterior Windows
- [ ] Exterior Balcony Railings
- [ ] Exterior Doors and Grilles
- [ ] Roofing

- [ ] Interior Windows
- [ ] Interior Doors
- [ ] Raised Floor Construction
- [ ] Suspended Ceiling Construction
- [ ] Wall Finishes
- [ ] Flooring
- [ ] Stair Finishes
- [ ] Ceiling Finishes
- [ ] Conveying
- [ ] Fire Protection
- [ ] Communications
- [ ] Electronic Safety and Security
- [ ] Integrated Automation
- [ ] Internal Doors & Windows
- [ ] Indoor Furnishings
- [ ] Plumbing Fixtures and Fittings
- [ ] Plumbing Distribution
- [ ] HVAC Equipment
- [ ] HVAC Ducting
- [ ] Electrical Distribution
- [ ] Lighting
- [ ] Appliances
- [ ] Landscape
- [ ] Hardscape
- [ ] Outdoor Furnishings
- [ ] Comms/Security
- [ ] Excavation/Shoring
- [ ] Demolition
- [ ] Other

If "Other" is selected above, please state what component is included:

Please describe the methodology used to estimate the embodied carbon impact or reductions reported: *

Please indicate software, lifecycle assumption, known methodologies, key assumptions, etc.

Describe ways that this project has reduced embodied carbon and the process that the project team undertook to achieve these results: *

Include specific details of the estimated embodied carbon reduction achieved (kg CO2e - if calculated) and provide details of the baseline that this project is being compared with.

Describe the overall sustainability approach and identify if any certifications have been achieved or targeted: *

Explain how the team used EPDs to inform carbon reduction strategies: *

If possible, include how many EPDs were used, how they were verified, and if possible, the distribution between product-specific vs. industry-wide, etc.

Did the project utilize any innovative materials or unique design/construction approaches? *

Bonus: tell us the story of how these design choices were made, and what other options were considered.

Supporting Documents

Please upload additional documents here. Additional documentation can include photos, reports, product specifications, etc.

Key Contacts

How can we contact you about questions regarding your submission or to notify if you are a finalist?

Primary Contact Name *

First Name | Last Name

Organization *

Phone Number

E-mail *

example@example.com

Secondary Contact Name

First Name | Last Name

Organization

Phone Number

E-mail

example@example.com