

# LCA REPORTING TEMPLATE

Version 1.3

Wednesday, July 6, 2022

## 1. PROJECT INFORMATION

Project Address	<i>Street</i>	
	<i>Postal Code</i>	<i>City</i>
Project Name	<i>Use Project Address if no other name</i>	
Client Name <i>(who commissioned the study)</i>	<i>Name</i>	<i>Phone Number</i>
	<i>Company name</i>	<i>Email</i>
LCA Assessor	<i>Name</i>	<i>Phone Number</i>
	<i>Company name</i>	<i>Email</i>
Verifier (optional)	<input type="checkbox"/> Internal <input type="checkbox"/> External <i>Name</i>	
Date of Assessment		
Assessment timing	<input type="checkbox"/> Schematic Design <input type="checkbox"/> Building permit <input type="checkbox"/> Design Development <input type="checkbox"/> As-built <input type="checkbox"/> Development Permit <input type="checkbox"/> Operating building	
Energy Performance requirement	Select One	

## 2. ASSESSMENT SCOPE

Building Type	<i>Select One</i>	
Required service Life	<i>60 years YES</i>	
Gross Floor Area		
Software used	Select One	
Please confirm the elements included	<input type="checkbox"/> Foundations & Basement <input type="checkbox"/> Floor <input type="checkbox"/> Roof <input type="checkbox"/> Stairs <input type="checkbox"/> Exterior walls <input type="checkbox"/> Mechanical, Electrical, Plumbing (MEP) (optional) <input type="checkbox"/> Exterior Windows & Doors <input type="checkbox"/> Partitions (optional)	
Please confirm the Life Cycle Phases included	<input type="checkbox"/> A1 - A3 Product Stage <input type="checkbox"/> A4 - A5 Construction Process Stage <input type="checkbox"/> B2 - B4 Maintenance, Repair and Replacement Stage <input type="checkbox"/> C1- C4 End of Life Stage <input type="checkbox"/> D Beyond Building Life Cycle Stage (Optional - report separately)	
Please list additional scope that are included at the applicant's discretion.		
Biogenic carbon		

### 3. EMBODIED EMISSIONS BY LIFE-CYCLE STAGE

Stage	Results (kg CO <sub>2</sub> eq/m <sup>2</sup> )
A1 - A3 Product	
A4 - A5 Construction	
B2 - B4 Maintenance, repair, and replacement	
C1 - C4 End of life	
D - Beyond building life (optional)	

### 4. EMBODIED EMISSIONS BY ELEMENTS

Elements	Results (kg CO <sub>2</sub> eq/m <sup>2</sup> )
Foundation & Basement	
Floor	
Roof	
Stairs	
Exterior Walls	
Exterior Windows & Doors	
Partitions (optional)	

### 5. GLOBAL WARMING POTENTIAL (GWP)

<b>Total</b>		Kg CO <sub>2</sub> eq
		Kg CO <sub>2</sub> eq/m <sup>2</sup>
		Kg CO <sub>2</sub> eq/m <sup>2</sup> /year
		Kg CO <sub>2</sub> eq/bedroom

### 6. OTHER ENVIRONMENTAL IMPACT INDICATORS (OPTIONAL)

Environmental Impact Indicators	Results	Results (A - C)
Ozone Depletion Potential		Kg CFC-11 eq/m <sup>2</sup>
Acidification Potential		Kg SO <sub>2</sub> eq/m <sup>2</sup>
Eutrophication Potential		Kg N eq/m <sup>2</sup>
Smog Potential		Kg O <sub>3</sub> eq/m <sup>2</sup>
Human Health Particulate Potential		Kg PM <sub>2.5</sub> eq/m <sup>2</sup>
Non-renewable Energy Use		MJ/m <sup>2</sup>

### 7. BIOGENIC CARBON (OPTIONAL)

Sequestered carbon total from LCA software	Results (negative kg CO <sub>2</sub> eq/m <sup>2</sup> )

## 8. GRAPHS (OPTIONAL) or attach them to the submission

Insert graph from LCA software here

Insert graph from LCA software here

Insert graph from LCA software here

Insert graph from LCA software here

## 9. STRATEGIES TO REDUCE EMBODIED EMISSIONS/COMMENTS (OPTIONAL)

Please attach the Bill of Materials (BoM) exported from the tool.

The purpose of this template is to provide consistent LCA results for future data analysis. The [NRC LCA Guidelines](#) should guide the process of the LCA and any updates made to the Guidelines take precedent over this template.